

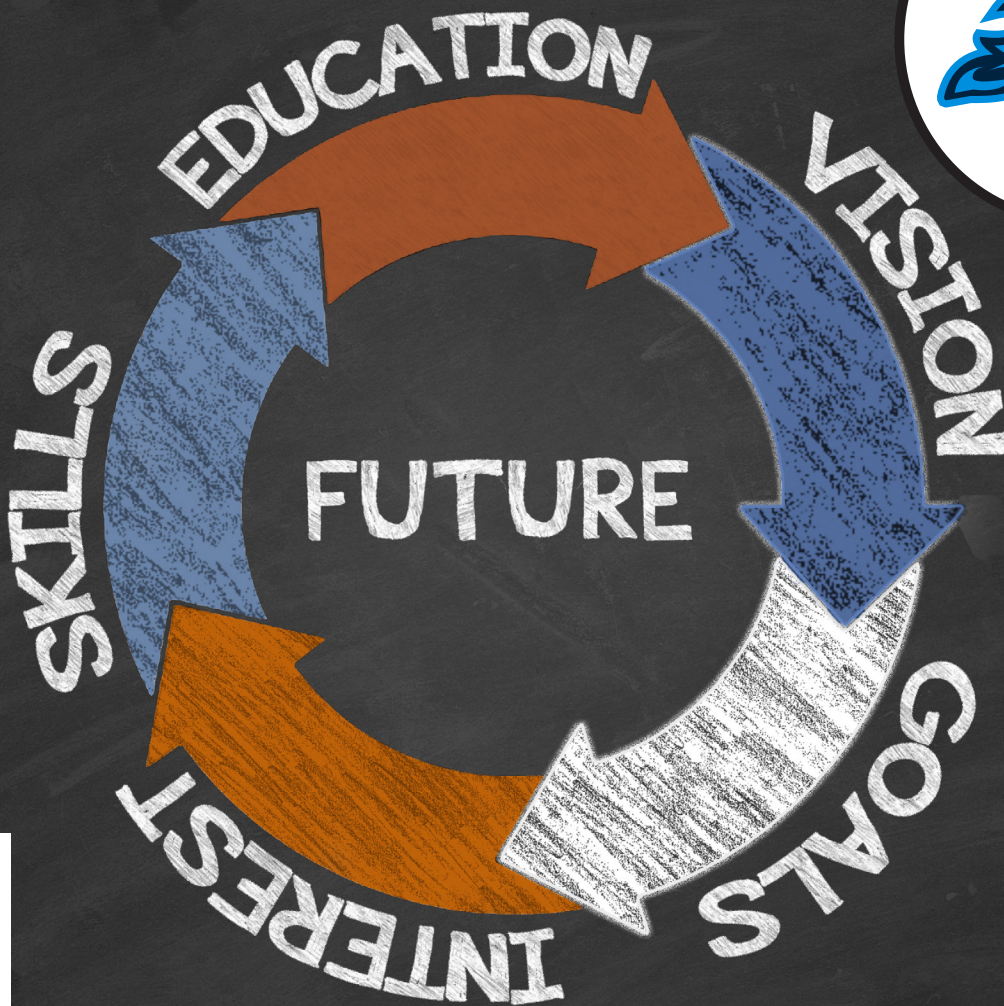
2024–2025

HALL COUNTY SCHOOLS

# High School Planning Guide

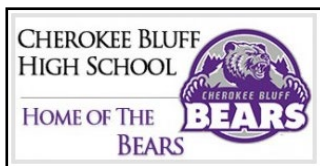
COURSES | PROGRAMS | PATHWAYS

*Character, Competency, Rigor... For All*



Championing students through developing **character**, ensuring **competency**, and providing **rigor**!

**The Hall County School District is committed to...  
developing LIFE READY GRADUATES!**



**Programs of Choice:** LEGACY Program and AP Capstone Program

**Career Technology Programs:** Animation & Digital Media, Criminal Justice with Forensics, Education & Training, Engineering, Government & Public Administration, Health Science, Information Technology, Marketing, Metals Technology and Workforce Ready



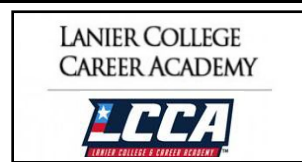
**Programs of Choice:** Johnson International Scholars Academy (JISA) and International Baccalaureate (IB) Diploma Program

**Career Technology Programs:** Audio-Video Technology, Business, Construction, Cybersecurity, Education & Training, Graphic Arts, Health Science, and Information Technology



**Programs of Choice:** Renaissance Academy for Creative Enterprises (RACE), and AP Capstone Program

**Career Technology Programs:** Audio-Video Technology, Automotive, Construction, Education & Training, Graphic Arts, Health Science, Information Technology, and Marketing



**Programs of Choice:** PT CTAE Pathways, FT Specialized Programs, and Dual Enrollment: Ag Mechanics, Baking & Pastry, Cosmetology, Culinary Arts, Fashion Merch, Forestry/Wildlife, Govt & Public Admin, Mktg Promotions, Hospitality & Tourism, HVAC and Workforce Ready

**DE Certificates:** Auto Collision, Criminal Justice, Design & Media, Diesel/Electrical, Early Childhood, Esthetics, Industrial Electrician, Marine Engine, Prep Cook, Salon & Spa, & Welding



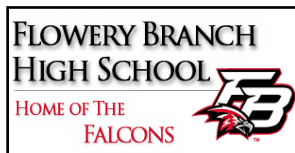
**Programs of Choice:** Endless Possibilities in Creativity and Collaboration (EpiCC) Academy and Navy Junior ROTC Program

**Career Technology Programs:** Agriculture/Horticulture, Business, Graphic Arts, Health Science, Navy ROTC, Transportation and Workforce Ready



**Programs of Choice:** Atlas Academy, International Baccalaureate (IB) Diploma Program, and STEM (Science, Technology, Engineering, and Mathematics) Academy

**Career Technology Programs:** Agriculture/Horticulture, Business, Education & Training, Engineering, Family Consumer Science, Health Science, Information Technology, Marketing, Metals Technology, and Workforce Ready



**Program of Choice:** STEAM (Science, Technology, Engineering, Arts and Mathematics) Academy and AP Capstone Program

**Career Technology Programs:** Education & Training, Engineering, Family Consumer Science, Graphic Arts, Health Science, Information Technology, Marketing, Metals Technology and Workforce Ready



**Program of Choice:** Innovation Institute (i2), International Baccalaureate (IB) Diploma Programme and International Baccalaureate (IB) Career Related Programme

**Career Technology Programs:** Audio-Video Technology, Construction, Education & Training, Graphic Arts, Health Science, Information Technology, Manufacturing, Marketing, and Workforce Ready



**Character, Competency, Rigor...For All** is the mission of Hall County Schools. With foundational philosophies of continuous improvement and leading by example, we commit to utilize all of our abilities to accomplish the task before us. Additionally, it will take our entire community, working together to fully develop our most precious resource, the students of Hall County Schools. We believe our role is to fully support local families on this most important journey. In these unprecedented and exciting times, I encourage our students and their families to fully explore all of the opportunities our high school programs provide. As always, feel free to contact us with questions or ideas for improvement.

**Will Schofield**  
Superintendent

### **Purpose of this Guide**

The purpose of this course catalog is to help you and your parents develop an understanding of the high school program and course offerings at Hall County High Schools during the upcoming school year.

It is the goal of our schools to offer a challenging academic program for every student. Society demands that young adults be well prepared academically if they are to function as successful citizens of the community. The decisions you make today will affect you for the rest of your life. You must select those courses which challenge and prepare you to live in a modern technological society.

Students who plan to attend college should select the most rigorous courses available. Doing so will place them in a position to be successful at the post-secondary level. Please examine all the requirements of potential colleges and universities of your choice. Consider taking Advanced Placement, International Baccalaureate and Dual Enrollment college classes if at all possible. These classes are most heavily weighted for G.P.A. and are highly regarded by college admissions officers. Regardless of your individual choice of college, technical training, certification, military training or immersion in the workforce, all students should develop a six-year plan that includes high school and at least two additional years of study or training. Consider your strengths, interests, goals, and aspirations as you prepare for this most important and significant part of your life.

All students are encouraged to familiarize themselves with all aspects of this course description guide. When selecting high school courses of study, we ask students, in consultation with their parents, to consider their career, academic and extra-curricular interests. Your teachers, principals, counselors, district administrators, and Board of Education are ready to assist and provide you with the guidance necessary to help you plan your secondary and post-secondary studies.

### **Using the Six-Year Plan**

All students should develop a six-year graduation plan that begins with grade eight and ends after one year of post-secondary education. The plan should take into consideration the graduation requirements, the student's career interests and post-high school plans, as well as the student's abilities and interests. We encourage students and parents to read this guide carefully and develop an appropriate plan of courses.

When creating the six-year plan, students should gather results of their most recent career interest inventories, or at least an interest inventory that has been completed in the past two years. Students should then attend advisement sessions to learn more about graduation requirements and course sequence options required for a high school diploma. Parents should also attend information sessions offered by counselors and other advisors at the school. Current teachers should be consulted for their recommendations concerning course selection and readiness for the most rigorous courses available. Finally, while high school counselors, teachers and advisors will assist with this planning, the final decisions in requesting courses are reserved for students and parents.

Every effort is made to present accurate and current information; however, Georgia law, Georgia Department of Education guidelines, local policy or other critical information may need to be added, omitted, or changed. Hall County Schools reserves the right to amend any and all information contained herein at any time deemed appropriate. Addendums will be distributed through the school counseling department.

## Hall County Schools Graduation Requirements for Students

Shown below are Georgia's High School Graduation requirements. All requirements must be met to earn a High School Diploma. A course shall count only once for satisfying any credit required for graduation. Selected course substitutions have been approved by the Georgia State Board of Education. See your counselor to determine if course substitutions are appropriate for your plan of study.

Graduation Requirements	Students Entering High School in August 2012 or Later
English/ Language Arts	<b>4 units</b> Must include 9 <sup>th</sup> Grade Literature & American Literature
Social Studies	<b>3 Units</b> Must include World History, US History, Government, and Personal Finance & Economics
Mathematics	<b>4 Units</b> Must include  Algebra: Concepts and Connections, Geometry: Concepts and Connections, Advanced Algebra: Concepts and Connections PLUS one additional 9-12/AP/IB/DE math course  OR  GSE Algebra I, GSE Geometry, and GSE Algebra II PLUS one additional GSE/AP/IB/DE math course OR  GSE Accelerated Algebra I/Geometry A, GSE Accelerated Geometry B/Algebra II, GSE Precalculus PLUS one additional GSE/AP/IB/DE math course
Science	<b>4 Units</b> Must include Physical Science or Physics; Biology; Chemistry, Earth Systems, Environmental Science or AP/IB courses PLUS one additional Science course
Health & Personal Fitness	<b>1 Unit</b> Must include ½ unit of each
Modern Languages	<b>3 Units</b> <b>(any combination)</b>  *Students planning to attend most post-secondary institutions must take two units of the same modern language.
Career, Technical and Agriculture Education (CTAE)	
Fine Arts, CTAE, and /or Modern Languages	
Electives	<b>4 Units</b>
<b>Total Units Required</b>	<b>23 Units</b>

NOTE: Beginning in school year 2013-2014, Georgia State Board Rule 160-5-1-.15 allows students to earn course credit in high school courses for which there is an associated Milestones End of Course Test. Students may demonstrate subject area competency and earn course credit by scoring "Distinguished Learner" on the EOC Test. This process for earning course credit is identified as "testing-out." Students may not be enrolled in or previously enrolled in the course in which the "Test-Out" is attempted. A test fee is required. Contact the school counselor to learn more about the "Test-Out" requirements.



## GRADUATION PLAN

The Six-Year Plan takes into consideration your academic abilities, career goals, interests, and plans for additional education beyond high school. The purpose of the plan is to familiarize you with graduation requirements and to get you thinking about life after high school . . . what you want to do with your future, where you want to go, and what you need to do in high school to make it happen. Each spring, you will register for classes for the next year. Your teachers will advise you about a recommended course selection and level of difficulty based on your prior academic performance. As a result, your initial plan might change with future registrations. While teachers, counselors, advisors, and administrators will make every effort to give you the best advice, ultimately, you are responsible for taking the correct courses for graduation. Make sure your parents know your plans and keep them updated on your progress toward meeting requirements for graduation. Talk to your counselor or advisor if you have any questions. The following list of required courses and course sequence may be modified to accommodate special circumstances. However, the majority of students will adhere to the course sequences listed below. Unless noted, you would take a full year (1 credit) of the designated course.

### Career Clusters/Pathways

Georgia students will choose a Career Cluster/Pathway. Under this model, you – with the help of parents, teachers and guidance counselors – will choose a Pathway in one of 16 Career Clusters, and/or in the areas of Advanced Academics, World Language, or Fine Arts. You can select your Pathway based on what you want to do after graduation and take a core set of classes and electives based on your chosen field. You have the freedom to switch Pathways or Clusters if you discover a particular area is not your passion. You can choose Pathways that lead to two-year, four-year, or technical colleges, or directly into a career of your choice.

*The Six-Year Plan Worksheet is found on the following page.*



#### Language Arts – 4 units

- 9<sup>th</sup> Grade Literature and Composition\*
- American Literature/Composition\*
- Multicultural Literature/World Literature/  
British Literature
- AP/IB/DE ELA courses



#### Social Studies – 3 units

- World History\*
- US History\*
- American Government (1/2 unit)\*
- Personal Finance & Economics (1/2 unit)\*



#### Mathematics – 4 units

- GSE Algebra I/Algebra: Concepts and Connections\*
- GSE Geometry/Geometry: Concepts and Connections\*
- GSE Algebra II/Advanced Algebra: Concepts and Connections\*
- GSE/9-12/AP/IB/DE math courses



#### Health and Physical Education – 1 unit

- Personal Fitness (1/2 unit)\* and
- Health (1/2 unit)\* or JROTC (3 units)



#### CTAE, Fine Arts, Modern Language – 3 units

- Any CTAE, Fine Arts or Modern Language courses may be selected
- CTAE – Career Technical & Agricultural Education*



#### Science – 4 units

- Biology\*
- Physical Science or Physics\*
- Chemistry, Earth Systems or  
Environmental Science
- Other Physical or Life Science Courses  
Or AP/IB/DE Courses



#### Additional Required Electives – 4 units

- Any combination of courses may be selected.



**\*Required courses for graduation**

Hall County Schools  
**TENTATIVE SIX-YEAR PLAN OF STUDY FOR STUDENTS**












Student \_\_\_\_\_ Student Number \_\_\_\_\_

Teacher/Advisor \_\_\_\_\_ Academic &/or Career/Technical Education Pathway \_\_\_\_\_

Student Signature \_\_\_\_\_ Date Plan Completed \_\_\_\_\_

**GRADUATION REQUIREMENTS**

Students are **required** to earn 23 Carnegie units in order to receive a regular high school diploma.

Subject	English Language Arts – ELA	Math – MA	Science – SC	Social Studies – SS	Health & Physical Education - HPE	CTAE, Fine Arts, Modern Language	Electives	Total
<b>Credits Required</b>	<b>4 units</b> – must include 9 <sup>th</sup> Grade Literature & American Literature plus two additional GSE/AP/IB/DE courses 	<b>4 units</b> – must include GSE Algebra I/Algebra: Concepts and Connections, GSE Geometry/Geometry: Concepts and Connections, GSE Algebra II/Advanced Algebra: Concepts and Connections plus one additional GSE/9-12/AP/IB/DE math course 	<b>4 units</b> – must include Physical Science or Physics; Biology; Chemistry, Earth Systems, Environmental Science or AP/IB/DE courses 	<b>3 units</b> – must include World History, US History, Personal Finance & Economics, and Government 	<b>1 unit</b> – must include ½ unit of Health and ½ unit of Personal Fitness 	<b>3 units</b> – any combination; two units of Modern Language required for most four-year post-secondary institutions  	<b>4 units</b>    	<b>23 Units</b>

**MY CHOICES**

<b>8<sup>th</sup> Grade</b> Record Carnegie unit courses earned	<b>9<sup>th</sup> Grade</b> For promotion to 10 <sup>th</sup> grade: <b>6 credits</b>	<b>10<sup>th</sup> Grade</b> For promotion to 11 <sup>th</sup> grade: <b>12 credits*</b> *2 Core English, Math, Science plus 1 Core Social Studies	<b>11<sup>th</sup> Grade</b> For promotion to 12 <sup>th</sup> grade: <b>18 credits**</b> **2 Core English, Science, Social Studies plus 3 Core Math and a planned program to graduate	<b>12<sup>th</sup> Grade</b> <b>23 credits</b> required in order to receive a high school diploma (refer to chart above).	<b>Post-Secondary</b> Record courses taken and earned through Dual Enrollment.
ELA _____	ELA _____	ELA _____	ELA _____	ELA _____	ELA _____
MA _____	MA _____	MA _____	MA _____	MA _____	MA _____
SC _____	SC _____	SC _____	SC _____	SC _____	SC _____
	SS _____	SS _____	SS _____	SS _____	SS _____
HPE _____	HPE _____	HPE _____	HPE _____	HPE _____	HPE _____
CTAE _____	CTAE _____	CTAE _____	CTAE _____	CTAE _____	CTAE _____
FA _____	FA _____	FA _____	FA _____	FA _____	FA _____
ML _____	ML _____	ML _____	ML _____	ML _____	ML _____
Other _____	Other _____	Other _____	Other _____	Other _____	Other _____
Other _____	Other _____	Other _____	Other _____	Other _____	Other _____

## Frequently Asked Questions

### What is a Program of Choice?

Hall County School District currently has a variety of choice programs at the high school level.



Programs of Choice are designed to match students with clearly defined strengths, interests, abilities, and goals with specialized programming options that focus on those traits. Interested students submit applications, and the most highly qualified students are invited to participate in the Program of Choice.

- Leadership, Experience, Grit, Achievement, Character, and Youth-led acts of service (LEGACY) Program and AP Capstone at Cherokee Bluff High School
- Renaissance Academy for Creative Enterprises (RACE) and AP Capstone at Chestatee High School
- Endless Possibilities in Creativity and Collaboration (EpiCC) Academy and Navy ROTC at East Hall High School
- Science, Technology, Engineering, Arts and Math (STEAM) and AP Capstone at Flowery Branch High School
- Johnson International Scholars Academy (JISA) and International Baccalaureate (IB) Diploma Programme at Johnson High School
- ATLAS and STEM Academies and International Baccalaureate (IB) Diploma Programme at North Hall High School
- Innovation Institute (i<sup>2</sup>), International Baccalaureate (IB) Diploma Programme, International Baccalaureate (IB) Career Related Programme at West Hall High School
- The Honors Mentorship Program (HMP) is a district-wide program for high-achieving 11<sup>th</sup> and 12<sup>th</sup> grade students who desire a challenging career internship experience
- Howard E. Ivester Early College is available to Hall County High School students accepted into Lanier Technical College, University of North Georgia, Brenau University, and/or the University of Georgia's College of Ag/Environmental Sciences
- Lanier College Career Academy (LCCA) provides specialized part-time career ready pathways, post-secondary Dual Enrollment certificate opportunities, and a full-time Specialized Career-Ready Program of Choice to students from all high schools
- Hall County Virtual Program of Choice offers a fully-virtual instructional program for students in grades 3-12
- Ivester Healthcare Scholars: Cohort of junior students interested in and gaining experiences in healthcare fields
- UGA- College of Ag and Environmental Sciences Ivester Rising Agricultural Scholars: Cohort of senior students interested in and gaining experience with UGA in the Agricultural and/or Environmental fields.

### What are "levels" of academic classes?

**Level 1 - Classes:** These courses are designed for students who perform at grade level. Classes are designed for students who may be college-bound or who may enter the workforce directly after high school. Students interested in attending "selective" colleges/universities should strongly consider enrolling in Level 2 or 3 courses to demonstrate the ability to achieve in courses with increased rigor.

**Level 2 - Honors/Accelerated Classes/Dual Enrollment Non-Core 1000 level courses\*:** These classes differ from Level 1 courses in at least three important ways:

- The objectives to be achieved tend to be more complex and are to be accomplished at a more rapid pace.
- In-class activities and assignments require a greater complexity of thought, a greater degree of independent inquiry, and a greater degree of sophistication in writing, research, and problem-solving skills.
- Course materials tend to be more demanding.

Dual Enrollment Non-Core 1000 level courses include courses in departments other than English, Mathematics, Science, Social Studies and Modern Language.

**Level 3 – Advanced Placement/International Baccalaureate/ Dual Enrollment Core/Dual Enrollment Non-Core courses at 2000 level or higher\*:**

The Advanced Placement (AP) curriculum is defined by The College Board and is designed to prepare students for The College Board AP exams. AP courses are college-level courses. Students who achieve set scores on AP exams may earn college credit.

There are three International Baccalaureate (IB) World Schools in Hall County Schools: Johnson High School, North Hall High School, and West Hall High School. All three IB high schools are schools of choice with a competitive application process. IB World Schools share a common philosophy – a commitment to a high quality, challenging international education. Students who achieve set scores on IB exams may earn college credit.

Dual Enrollment courses are college/university/technical courses taken at the post-secondary campus, the Ivester Early College campus, Lanier College and Career Academy campus, or online following acceptance to the post-secondary institution. Dual Enrollment core courses include all English, Math, Science, Social Studies and Modern Language courses. Dual Enrollment Non-Core 2000 level courses include courses in departments other than English, Mathematics, Science, Social Studies and Modern Language.

(\*DE Courses must be from Georgia Student Finance Commission Approved Course Directory.)

### How can levels of academic classes affect my GPA (Grade Point Average)?

The quality point system is used to determine the weighted and unweighted GPA (traditional 4.0 scale). The weighted quality point system is used to recognize and reward the student who takes more rigorous, challenging, and demanding courses. Additional quality points are awarded to the weighted GPA for International Baccalaureate, Advanced Placement, Dual Enrollment, Honors and Accelerated courses. For each course, up to one full quality point is added to the student's grade point average calculation and will be reflected in the weighted GPA on the student's transcript. The weighted GPA is used to determine class rank.

The unweighted GPA (traditional 4.0 scale) reflects a calculation for which no additional quality points are included for Level 2 and/or Level 3 classes. All courses taken count equally in the unweighted GPA calculation in which Level 1 weights are applied.

#### Calculation of Course Average

The course grade is a cumulative average of all graded work completed during the course. Final exams or state-required Milestones End-Of-Course tests (EOCs) count as 20% of the course grade with other graded work accounting for 80% of the grade. Carnegie units will be awarded based upon course grades at the end of the course.

#### Conversion of Final Numeric Grade to Quality Points

Beginning in August of the 2022-23 School Year			
Final Numeric Course Grade	LEVEL 3	LEVEL 2	LEVEL 1
	AP/IB/ DE Core / DE Non-Core courses at 2000 level or higher**	Honors/ Accelerated/ DE Non-Core 1000 level courses**	All other courses
90 – 100	5.0	4.5	4.0
80 – 89	4.0	3.5	3.0
70 – 79	3.0	2.5	2.0
BELOW 70	0	0	0
<70 with earned credit*	2.0	1.5	1.0
NOTE: AP = Advanced Placement, IB = International Baccalaureate, DE = Dual Enrollment			
*Quality Points will be applied to GPA calculations when the transferring institution awards credit for numerical scores below 70.			
**DE Courses must be from GSFC Dual Enrollment Approved Course Directory.			

### What is the "Test-Out" option?

Beginning in school year 2013-2014, Georgia State Board Rule 160-5-1-.15 allows students to earn course credit in high school courses for which there is an associated Milestone End of Course Test. Students may demonstrate subject area competency and earn course credit by scoring "Distinguished Learner" on the EOC Test. This process for earning course credit is identified as "testing-out."

Students must meet predetermined eligibility criteria to qualify for "testing-out." Students may not be enrolled in or previously enrolled in the course in which the "Test-Out" is attempted. See the high school counselor for the complete list of criteria, related procedures and application. Each test-out attempt incurs a \$50 test fee required before testing. This fee is refundable only when the score earned on the EOCT is "Distinguished Learner" and the student accepts the course credit using the test-out option. NCAA does not accept high school credits earned by "test-out."

### What is Dual Enrollment?

The Dual Enrollment program provides funding through Georgia Student Finance Commission (GSFC) up to 30 credit hours for Hall County High School students to take approved college-level coursework for credit towards both high school and college graduation requirements. Dual Enrollment classes are available at the college campus, Lanier College Career Academy and Howard E. Ivester Early College. Other GSFC rules may apply.

The program is offered during all terms of the school year; fall, spring and summer semesters or fall, winter, spring, and summer quarters. See your Counselor or visit <https://www.gafutures.org/hope-state-aid-programs/scholarships-grants/dual-enrollment/> for more program details and eligibility requirements.



## What programs are available at Lanier College & Career Academy (LCCA)?

### CTAE Courses and Pathways



Lanier College Career Academy is an innovative school that serves the high schools in Hall County, providing students with a passion for careers in the hospitality, culinary arts, cosmetology, marketing, agricultural mechanics, forestry/wildlife, and heating/ventilation/air conditioning/refrigeration (HVAC) industries. LCCA provides students the opportunity to learn in a real work environment, helping to manage and run one of eight businesses: Corner Cafe coffee shop, Bistro fine dining restaurant, Meeting & Events conference center, Catering @ The Oaks, Design 360 personalized promotions lab, Get Gifted gift shop, MetalWood Designs, or Reflections Salon and Spa.



Upon completion of their high school specialized career pathway at LCCA, students also have the opportunity to extend their learning beyond high school and start earning college credit through Dual Enrollment with Lanier Technical College. The campus of LCCA is a satellite campus for Lanier Technical College and currently offers several technical college certificate programs on-site in partnership with Lanier Technical College: Auto Collision Repair, Basic Marine Engine Tech, Shielded Metal Arc Welder, Criminal Justice, Design & Media Production, Diesel Electrical Systems Tech, Early Childhood Education, Esthetics, Gas Metal Arc Welder, Industrial Electrician, Prep Cook, and Salon & Spa Support. Once students graduate from high school, they may continue with Lanier Technical College at the Gainesville Campus and work further towards earning their specialized college degree/diploma.



See the school counselor to discuss specific CTAE courses and pathway options available at LCCA. Also, please see the counselor concerning Dual Enrollment certificate options at LCCA.

### Extended Instructional Programs

High School summer classes are available through Lanier College Career Academy's summer school program. This program utilizes self-paced, online courses that can be completed through a combination of at home and on campus learning.



## What is Ivester Early College?



Hall County's Howard E. Ivester Early College (IEC) is an innovative way for high school students to earn a high school diploma while also earning college credits. Hall County Schools partners with Lanier Technical College (LTC), the University of North Georgia (UNG), Brenau University and the University of Georgia's College of Ag/Environmental Sciences (CAES) to provide unique access to Georgia's Dual Enrollment program.



LTC, UNG, and Brenau professors teach courses on the Howard E. Ivester Early College campus while CAES courses are taught on UGA's Athens campus, and transportation is provided for all students during the school day. Unique to this program is that all students are offered learning supports that include tutoring, career guidance, and personalized planning to meet college and career goals. These supports are vital components towards IEC's 99+% student class pass rate.



Students have the opportunity to take multiple LTC/UNG/Brenau/CAES courses per semester at the Howard E. Ivester campus in combination with classes at their high school campus, Work-Based Learning, Honors Mentorship, or main college campuses. Dual Enrollment funds cover all tuition, textbooks, and mandatory fees for each course up to 30 hours. Some courses with labs (Nurse Aide, Biology, etc.) may require that students purchase course supplies. In order to ensure that every student has access to required technology, Hall County Schools offers a Chromebook for students to use while taking specific core academic and certificate courses at IEC. See your Counselor for program details and eligibility requirements.



In 2022-23, we began a unique partnership between the University of Georgia and Ivester Early College, through the College of Agricultural and Environmental Sciences (CAES): The CAES-Ivester Rising Scholars Program (CAES-IRSP). This program is ideal for high-achieving students with academic and career interests in the Agricultural and Environmental Sciences.

The Ivester Healthcare Scholars Program of Choice provides Dual Enrollment and practical learning experiences for advanced scholars who have demonstrated a focused interest in healthcare fields. Students will engage in rigorous academic classes, unique mentorships, research / internship opportunities, and service applications in a 2-year program. This Hall County Schools POC is made possible through our continued partnerships with Brenau University, Lanier Technical College, the University of North Georgia, and the Ivester College of Health Sciences at Brenau University.



# JOHNSON HIGH SCHOOL CTAE CAREER PATHWAY OFFERINGS



Begin **TODAY** planning for **TOMORROW!**

Start preparing for the future now! Make the connection between learning and the real world.

Career Technology courses will help answer three key questions:

**What am I learning?**

**Why am I learning it?**

**How am I going to use it?**

Whatever your plans may be after high school, Career Technology courses and Career Pathways will give you a head start and help build the foundation in many technical and professional careers.

**Don't Delay! Prepare for YOUR Future Now!**

See the *reverse* of this document for pathway offerings at your school. 

## SCHOOL LOCATIONS

J = Johnson

L = Lanier College &  
Career Academy

\*\* Transportation is provided  
for students  
from students' home school to  
attend the  
speciality programs at LCCA.

Please see your counselor for  
additional information.

## PATHWAY REQUIREMENTS

\* To fulfill the state pathway  
requirements, students must  
complete the three courses  
shown in the pathway  
(reverse of this page)  
and take the Credentials of  
Value assessment (COV)  
where available.

If successful on the COV,  
students will earn an industry  
credential.

H = Honors Pathway  
Available

## CAPSTONE EXPERIENCE

Work-Based Learning  
(WBL) <sup>H</sup> Internship

These valuable, hands-on  
opportunities are available  
in ALL career cluster areas.

Please see your school's  
WBL Coordinator / Career  
Specialist for  
additional information.

[www.hallcowbl.org](http://www.hallcowbl.org)



Scan for details on each pathway!

### Legend for Reverse of this Document

- ^ Meets 4th Science requirement; approved by Board of Regents.
- ~ Meets 4th Math or World Language requirement for high school graduation.  
Two Computer Science courses from the same pathway will satisfy two years of sequenced foreign language courses for USG Admissions.
- ⌘ Integrated credit can be earned upon completion of pathway.
- « Embedded credit earned upon completion of course.

The Hall County Board of Education is an equal opportunity employer and does not discriminate on the basis of race, color, national origin, age, religion, handicapping condition, or sex in its educational programs or employment.



Hall County Schools  
2024-2025 CTAE CareerPathway Offerings  
**Johnson High School**



**Plan ahead and complete more than one pathway  
and work to earn additional certifications!**



Begin **TODAY** planning for **TOMORROW!**

**AGRICULTURE, FOOD & NATURAL RESOURCES**

**Agriculture Mechanics & Electrical Systems (L)**

02.47100 Basic Agricultural Science  
01.42100 Agricultural Mechanics Technology I  
01.42600 Agricultural Electricity and Electric Controls

**Capstone Experience:** WBL Internship

**Agriculture Mechanics/Metal Fabrication (L)**

02.47100 Basic Agricultural Science  
01.42100 Agricultural Mechanics Technology I  
01.42400 Agricultural Metals Fabrication

**Capstone Experience:** WBL Internship

**Agriculture Mechanics Systems (L)**

02.47100 Basic Agricultural Science  
01.42100 Agricultural Mechanics Technology I  
01.42200 Agricultural Mechanics Technology II

**Capstone Experience:** WBL Internship

**Forest Mechanical Systems (L)**

02.47100 Basic Agricultural Science  
01.42100 Agricultural Mechanics Technology I  
03.45100 Forest Science ^

**Capstone Experience:** WBL Internship

**Forestry/Wildlife Systems (L)**

02.47100 Basic Agricultural Science  
03.45100 Forest Science ^  
03.45300 Wildlife Management

**Capstone Experience:** WBL Internship

**ARCHITECTURE & CONSTRUCTION**

**Carpentry (J)**

46.54500 Industry Fundamentals & Occupational Safety  
46.54600 Introduction to Construction  
46.55000 Carpentry I

**Capstone Experience:** WBL Internship

**Electrical (J)**

46.54500 Industry Fundamentals & Occupational Safety  
46.54600 Introduction to Construction  
46.56000 Electrical I

**Capstone Experience:** WBL Internship

**Heating, Vent, Air Conditioning & Refrigeration (L)**

46.54500 Industry Fundamentals & Occupational Safety  
47.41400 Introduction to HVACR Systems  
47.41500 Heating, Ventilation, Air Cond, & Refrigeration

**Capstone Experience:** WBL Internship

**HVACR Electrical (L)**

46.54500 Industry Fundamentals & Occupational Safety  
47.41400 Introduction to HVACR Systems  
47.41600 Low Voltage Electrical

**Capstone Experience:** WBL Internship

**Plumbing (J)**

46.54500 Industry Fundamentals & Occupational Safety  
46.54600 Introduction to Construction  
45.58000 Plumbing I

**Capstone Experience:** WBL Internship



**ARTS, AV TECHNOLOGY & COMMUNICATIONS**

**Audio-Video Technology/Film I (J)**

10.51810 Audio-Video Technology Film I  
10.51910 Audio-Video Tech Film II  
10.52010 Audio-Video Tech Film III ^

**Capstone Experience:** WBL Internship

**Audio-Video Technology & Film II (J)**

10.51810 Audio-Video Technology Film I  
10.51910 Audio-Video Tech Film II  
10.51410 Broadcast Video Applications ^

**Capstone Experience:** WBL Internship

**Graphic Communications ^ (J)**

48.56100 Introduction to Graphics and Design  
48.56200 Graphic Design and Production  
48.57000 Adv Graphic Output Processes

**Capstone Experience:** WBL Internship

**Graphic Design ^ (J)**

48.56100 Introduction to Graphics and Design  
48.56200 Graphic Design and Production  
48.52800 Advanced Graphic Design

**Capstone Experience:** WBL Internship

**BUSINESS, MANAGEMENT & ADMINISTRATION**

**Business & Technology (J)**

07.44130 Intro to Business and Technology  
07.44100 Business & Technology  
07.45100 Business Communications

**Capstone Experience:** WBL Internship

**EDUCATION & TRAINING**

**Early Childhood Education (J) ^**

20.52810 Early Childhood Education I  
20.42400 Early Childhood Education II  
20.42500 Early Childhood Education III

**Capstone Experience:** WBL Internship

**GOVERNMENT & PUBLIC ADMINISTRATION**

**Public Management & Administration (L)**

29.41000 Intro to Government & Public Admn «  
29.41100 Gov Public Admn: State & Fed Issues «  
29.41200 Gov Public Admn: Local & State Issues «

**Capstone Experience:** WBL Internship

**HEALTH SCIENCE**

**Allied Health & Medicine ^ (J)**

25.52100 Introduction to Healthcare Science  
25.44000 Essentials of Healthcare «  
25.43700 Allied Health & Medicine

**Capstone Experience:** WBL Internship

**Emergency Medical Responder ^ (J)**

25.52100 Introduction to Healthcare Science  
25.44000 Essentials of Healthcare «  
25.45000 Emergency Medical Responder

**Capstone Experience:** WBL Internship

**Patient Care (J)**

25.52100 Introduction to Healthcare Science  
25.44000 Essentials of Healthcare «  
25.43600 Patient Care Fundamentals

**Capstone Experience:** WBL Internship

**HOSPITALITY & TOURISM**

**Baking & Pastry (L)**

20.53100 Introduction to Culinary Arts  
20.XXXXX Baking & Pastry I  
20.XXXXX Baking & Pastry II

**Capstone Experience:** WBL Internship

**Culinary Arts (L) ^**

20.53100 Introduction to Culinary Arts  
20.53210 Culinary Arts I  
20.53310 Culinary Arts II

**Capstone Experience:** WBL Internship

**Hospitality, Recreation & Tourism (L)**

08.47400 Marketing Principles  
08.45300 Hospitality, Recreation & Tourism Essentials ^  
08.45400 Hospitality, Recreation & Tourism Mgmt ^

**Capstone Experience:** WBL Internship

**HUMAN SERVICES**

**Personal Care Services-Cosmetology (L)**

12.54400 Intro to Personal Care Services  
12.41000 Cosmetology Services II  
12.41100 Cosmetology Services III

**Capstone Experience:** WBL Internship

**INFORMATION TECHNOLOGY**

**Cybersecurity (J)**

11.44800 Introduction to Hardware Technology  
11.48100 Introduction to Cybersecurity  
11.48200 Advanced Cybersecurity

**Capstone Experience:** WBL Internship

**MARKETING**

**Fashion Merchandising/Retail Mgmt (L)**

08.47400 Marketing Principles  
08.42100 Fashion, Merch & Retailing Essentials  
08.42200 Advanced Fashion, Merch & Retailing

**Capstone Experience:** WBL Internship

**Marketing Communications & Promotions (L)**

08.47400 Marketing Principles  
08.45100 Promotional and Digital Marketing  
08.45200 Integrated Marketing Communications

**Capstone Experience:** WBL Internship



# High School Course Descriptions

The following list of course descriptions encompasses all courses offered in Hall County high schools. However, some courses may not have sufficient enrollment to justify instruction each school year.

\* Georgia Milestones EOC assessment required.

## ENGLISH/LANGUAGE ARTS

### **Ninth Grade Literature/Composition**

**1 Unit**

#### **Ninth Grade Literature/Composition (Honors)**

CIP #: 23.06100

Prerequisite: Teacher recommendation for Honors

Credit Type: L1 or L2; **Required for students enrolling in ninth grade for the first time in 2008 or later;** core or elective credit for all other students.

Description: Integrates writing, grammar and usage, literature, speaking, listening, and critical thinking skills; develops understanding of both structure and meaning of a work of literature, as well as an understanding of the process of interpreting a text; develops competency in technical writing to write coherent and focused texts to convey a well-defined perspective or tightly-reasoned argument.

### **World Literature/Composition**

**1 Unit**

#### **World Literature/Composition (Honors)**

CIP #: 23.06300

Prerequisite: Teacher recommendation for Honors

Credit Type: L1 or L2; Core or elective credit

Description: Integrates writing, grammar and usage, literature, speaking, listening, and critical thinking skills; develops understanding of themes that relate literature to life, and of themes that recur in diverse works of literature. Through a study of world literature, students will develop an understanding of chronological context and the relevance of period structures in literature within cultures around the world. By the end of this course, students should be able to demonstrate competency in persuasive writing, writing coherent and focused texts that convey a well-defined perspective or tightly-reasoned argument.

### **American Literature/Composition\***

**1 Unit**

#### **American Literature/Composition (Honors)\***

CIP #: 23.05100

Prerequisite: Teacher recommendation for Honors

Credit Type: L1 or L2; **Required for all students** (may substitute with IB English A Literature, Year 1, IB English B, Year 1 or AP English Language/Composition)

Description: Integrates writing, grammar and usage, literature, speaking, listening, and critical thinking skills. Focusing on a study of American literature, students develop an understanding of chronological context and the relevance of period structures in American literature. By the end of this course, students should be able to demonstrate developing competency expository and persuasive writing.

### **Multicultural Literature**

**1 Unit**

CIP #: 23.06700

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: Focusing on multicultural literature, this course integrates writing, grammar and usage, literature, speaking, listening, and critical thinking skills; develops understanding of themes that relate literature to life, and of themes that recur in diverse cultural contexts.

### **British Literature/Composition**

**1 Unit**

#### **British Literature/Composition (Honors)**

CIP #: 23.05200

Prerequisite: Teacher recommendation for Honors

Credit Type: L1 or L2; Core or elective credit

Description: Integrates writing, grammar and usage, literature, speaking, listening, and critical thinking skills. Focusing on a study of British literature, students develop an understanding of chronological context and the relevance of period structures in British literature. By the end of this course, students should be able to demonstrate competency in expository writing and persuasive writing, as well as competent use of the writing process (e.g., prewriting, drafting, revising, and editing successive versions).

**Advanced Placement (AP) Language/Composition****1 Unit**

CIP #: 23.05300

Prerequisite: Teacher recommendation

Credit Type: L3; Core or elective credit; **May satisfy the American Literature course requirement**

Description: Conforms to the College Board recommendations for the Advanced Placement Language and Composition Examination; emphasizes critical thinking, reading, and writing through the study and discussion of expository, analytical, and argumentative essays; stresses the connection between reading and writing mature prose. Enrollment in AP includes the commitment to take the AP exam.

**Advanced Placement (AP) Literature/Composition****1 Unit**

CIP #: 23.06500

Prerequisite: Teacher recommendation

Credit Type: L3; Core or elective credit; **Does not satisfy the American Literature course requirement**

Description: Conforms to the College Board recommendations for the AP Literature and Composition exam; stresses modes of discourse, assumptions, underlying rhetorical strategies, connotation, metaphor, irony, syntax, and tone; emphasizes writing critical analyses of literature and includes essays in exposition and argument, poetry, drama, prose fiction, and expository literature. Enrollment in AP includes the commitment to take the AP exam.

**International Baccalaureate (IB) English A Literature, Year 1 (American Literature)****1 Unit****International Baccalaureate (IB) English A Literature, Year 2 (World Literature)**

CIP #: 23.06800 (Year 1)

CIP #: 23.06900 (Year 2)

Prerequisite: Approval of the school IB coordinator; courses must be taken in sequence

Credit Type: L3; Core or elective credit; **IB English A, Year 1 may substitute for American Literature course requirement**

Description: Introduces students to a range of literary works of different periods, genres, styles, contexts, and cultures and develops an articulate personal and critical response to literature that is expressed clearly and concisely in oral and written forms of communication. Oral and written work is held to an international standard of excellence in preparation for IB examinations.

**International Baccalaureate (IB) English B, Year 1****1 Unit****International Baccalaureate (IB) English B, Year 2**

CIP #: 23.06120 (Year 1)

CIP #: 23.06130 (Year 2)

Prerequisite: Approval of the school IB coordinator &amp; completion of at least two units of ESOL or other core English credits; courses must be taken in sequence

Credit Type: L3; Core or elective credit; **IB English B, Year 1 may substitute for American Literature course requirement**

Description: Designed for English Language Learners, with focus on language acquisition and development in the four primary language skills: listening, speaking, reading and writing. Students study a range of written and spoken materials related to the culture of countries where English is spoken and study literature written in or translated into English.

**Journalism I, II, III, IV****1 Unit****Journalism II, III, IV (Honors)**

CIP #: 23.03200 (I)

CIP #: 23.03300 (II)

CIP #: 23.03500 (III)

CIP #: 23.03600 (IV)

Prerequisite: Must be taken in sequence

Credit Type: L1 or L2; Elective credit only

Description: Explores journalistic writing through analysis of newspapers, yearbooks, literary magazines, and broadcast journalism publications; concentrates on purpose, influence, structure, and language use through reading, writing, and critical thinking; covers news gathering, ethics, copy writing, editing, and revising; may include typesetting, circulation, and production.



**Advanced Composition (Honors)****.5 or 1 Unit**

CIP #: 23.03400

Prerequisite: Teacher Recommendation

Credit Type: L2; Core or elective credit

Description: Provides further exploration of the writing process, including planning, drafting, and revising. Emphasizes research skills and essay composition and includes expository, persuasive, narrative, and descriptive writing.

**Speech/Forensics I, II****1 Unit**

CIP #: 23.04600 (I)

CIP #: 23.04700 (II)

Prerequisite: None

Credit Type: L1; Elective credit only

Description: Introduces critical thinking and speaking through a detailed study of forensic speaking including extemporaneous speaking, oration, and interpretation of literature and debate; emphasizes classical and contemporary theory, understanding of philosophical basis of argumentative theory, and various forensic speaking formats, while applying reasoning, research and delivery skills.

**Reading Enrichment****.5 or 1 Unit**

CIP #: 23.08200

Prerequisite: Score of &lt;25%tile on ITBS, or &lt;300 on Reading CRCT

Credit Type: L1; Elective credit only

Description: Enhances essential reading skills necessary to promote continual development in reading.

**Writer's Workshop****.5 or 1 Unit****Writer's Workshop (Honors)**

CIP #: 23.03100

Prerequisite: None

Credit Type: L1 or L2; Elective credit only

Description: Provides opportunities to improve writing proficiency with emphasis on fluency, control, and style; emphasizes writing as a process with instruction in grammar, mechanics usage, and imaginative expression; offers opportunities for independent writing assignments to examine narrative, descriptive, persuasive, and expository modes of discourse; includes literature study.

**Communication Skills****.5 or 1 Unit**

CIP #: 23.08100

Prerequisite: Approval of Instructional Coordinator

Credit Type: L1; Elective credit only

Description: This course focuses on reinforcement of Georgia Standards of Excellence using READ 180. Students receive reinforcement in the following strands: Reading and Literature, Reading Across the Curriculum, Writing, Conventions, and Listening, Speaking, and Viewing. The emphasis is to offer reading skills, vocabulary development, reading opportunities, writing process activities, and conventions study for students identified by SRI universal screening.

**English ESOL I – VI****1 Unit**

CIP #: 23.09100 (I)

CIP #: 23.09200 (II)

CIP #: 23.09300 (III)

CIP #: 23.09400 (IV)

CIP #: 23.09500 (V)

CIP #: 23.09600 (VI)

Prerequisite: Special placement for limited English speaking students determined through language proficiency testing

Credit Type: L1 only; Core or elective credit

Description: Intensive instruction in English as a second language emphasizing listening, speaking, reading and writing skills to permit a smooth transition into content area classes; social use of the English language and exposure to American culture are also addressed.

**Oral Communication in the Content Areas (ELL)****1 Unit**

CIP #: 55.02400

Prerequisite: Special placement for limited English speaking students determined through language proficiency testing

Credit Type: L1; Elective credit only

Description: This course focuses on communicating effectively with a variety of audiences using academic language which is needed to be successful in the content areas. This includes further development of critical thinking skills and organization of ideas. Continued emphasis is given on how grammar, vocabulary, listening, speaking, and writing skills play an integral part in how to effectively deliver information through oral communication.

**Reading and Listening in the Content Areas (ELL)****1 Unit**

CIP #: 55.02300

Prerequisite: Special placement for limited English speaking students determined through language proficiency testing

Credit Type: L1; Elective credit only

Description: This course provides intensive instruction in English as a second language; focuses on the development of reading skills necessary to promote continual language acquisition; offers vocabulary practice and reinforcement of auditory comprehension with an emphasis on reading in the content areas.

**Writing in the Content Areas (ELL)****1 Unit**

CIP #: 55.02500

Prerequisite: Special placement for limited English speaking students determined through language proficiency testing

Credit Type: L1; Elective credit only

Description: Provides intensive instruction in English as a second language, with opportunities to improve writing proficiency with an emphasis in the content areas; emphasizes writing as a process with instruction in grammar, mechanics usage, and imaginative expression.

**Academic Language of Science and Math****1 Unit**

CIP #: 55.02700

Prerequisite: Special placement for limited English speaking students determined through language proficiency testing scoring CPL 2-3.

Credit Type: L1; Elective credit only

Description: Course focuses on teaching students with interrupted or limited formal schooling to decode the specialized vocabulary, symbols and text in science and mathematics. Reading comprehension of texts, listening and comprehending lectures, and using correct scientific and mathematical terminology when speaking and writing are integral to academic success in the mathematics and science content areas. The content addresses all five WIDA standards.

**Basic Reading/Writing I, II, III, IV****.5 or 1 Unit**

CIP #: 23.08300 (I)

CIP #: 23.08400 (II)

CIP #: 23.08500 (III)

CIP #: 23.08600 (IV)

Prerequisite: Approval of LCA/LCCA Project Search/Project Success Program Director

Credit Type: L1; Elective credit only

Description: These courses provide fundamental skills development in: Reading and Literature, Reading Across the Curriculum, Writing, Conventions, and Listening, Speaking, and Viewing. The class includes drill and practice opportunities in reading comprehension, vocabulary development, reading opportunities, writing, speaking, and critical thinking.

**Language Arts Work-Based Learning (WBL) Placement****.5 or 1 Unit****Language Arts Work-Based Learning (WBL) Placement (Honors)**

CIP #: 23.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**GSE Foundations of Algebra**

**1 Unit**

CIP: 27.04810

Prerequisite: Low middle school mathematics standardized test scores and/or demonstration of significant difficulties in middle school mathematics courses.

Credit Type: L1; core or elective credit

Description: A first-year high school mathematics course for students who need substantial support to bolster success in high school mathematics. Course emphasizes algebra and numeracy in a variety of contexts including number sense, proportional reasoning, quantitative reasoning with functions, and solving equations and inequalities.

**Algebra: Concepts and Connections\***

**1 Unit**

**Algebra: Concepts and Connections (Honors)\***

CIP #: 27.08110

Prerequisite: This course is designed for students who have successfully completed Kindergarten through 8th grade mathematics.

Credit Type: L1 or L2; Required for students entering ninth grade in 2023-2024 or later

Description: This course is designed as the first course in a sequence of three high school courses designed to ensure career and college readiness. Students will apply their algebraic and geometric reasoning skills to make sense of problems involving algebra, geometry, bivariate data, and statistics.

**Co-Requisite Algebra Support for Algebra: Concepts and Connections**

**1 Unit**

CIP #: 27.08120

Prerequisite: None

Credit Type: L1; Elective credit only

Description: This course is designed to be used as a co-requisite support course for Algebra: Concepts and Connections to support student learning in the core mathematics course.

**Geometry: Concepts and Connections**

**1 Unit**

**Geometry: Concepts and Connections (Honors)**

CIP #: 27.08210

Prerequisite: GSE Algebra I or Algebra: Concepts and Connections

Credit Type: L1 or L2; Required for students entering ninth grade in 2023-2024 or later

Description: This course is designed as the second course in a three-course series. This course enhances students' geometric, algebraic, graphical, and probabilistic reasoning skills.

**Co-Requisite Geometry Support for Geometry: Concepts and Connections**

**1 Unit**

CIP #: 27.08220

Prerequisite: GSE Algebra I or Algebra: Concepts and Connections

Credit Type: L1; Elective credit only

Description: This course is the second course in a sequence of three high school courses designed to ensure career and college readiness. This course is intended to enhance students' geometric, algebraic, graphical, and probabilistic reasoning skills.

**Advanced Algebra: Concepts and Connections**

**1 Unit**

**Advanced Algebra: Concepts and Connections (Honors)**

CIP #: 27.08310

Prerequisite: GSE Geometry or Geometry: Concepts and Connections

Credit Type: L1 or L2; Required for students entering ninth grade in 2023-2024 or later

Description: This is the third course in a sequence of three high school courses designed to ensure career and college readiness. It is intended to prepare students for fourth course options relevant to their postsecondary pursuits.

**Co-Requisite Advanced Algebra Support for Advanced Algebra: Concepts and Connections****1 Unit**

CIP #: 27.08320

Prerequisite: GSE Geometry or Geometry: Concepts and Connections

Credit Type: L1: Elective credit only

Description: This course is designed to be used as a co-requisite support course for Advanced Algebra: Concepts and Connections to support student learning in the core mathematics course.

**Enhanced Advanced Algebra and AP Precalculus: Concepts and Connections****1 Unit**

CIP #: 27.09310

Prerequisite: Geometry: Concepts and Connections and Teacher recommendations

Credit Type: L3; L3; core or elective credit; satisfies third math requirement; may substitute for 27.08410 (Precalculus)

Description: Enhanced Advanced Algebra & AP Precalculus is a thoughtful blend of topics from Advanced Algebra: Concepts & Connections and Precalculus. This is a single credit course intended to provide students the opportunity to develop a deeper understanding of mathematical concepts that are critical to the study of advanced fourth mathematics course options, including Calculus. Enrollment in AP includes the commitment to take the AP exam.

**Precalculus****1 Unit****Precalculus (Honors)**

CIP #: 27.08410

Prerequisite: GSE Algebra II or Advanced Algebra: Concepts and Connections

Credit Type: L1 or L2; Core or elective credit

Description: Description: Fourth-year math option for students who have completed Advanced Algebra (or the equivalent). The course is intended to provide students with opportunities to develop a deeper understanding of Algebraic concepts that are critical to the study of Calculus. Students will also deepen their understanding of trigonometry and its applications.

**Calculus****1 Unit****Calculus (Honors)**

CIP #: 27.07800

Prerequisite: Precalculus or Enhanced Advanced Algebra and AP Precalculus: Concepts and Connections

Credit Type: L1 or L2; Core or elective credit;

Description: A fourth mathematics course option for students who have completed Pre-Calculus, Mathematics IV or its equivalent. Course includes problem solving, reasoning and estimation, functions, derivatives, applications of the derivative, integrals, and application of the integral. Instruction and assessment should include the appropriate use of technology. Topics should be presented in multiple ways, such as verbal/written, numeric/data-based, algebraic, and graphical. Concepts should be introduced and used, where appropriate, in the context of realistic phenomena.

**Statistical Reasoning****1 Unit**

CIP #: 27.08800

Prerequisite: GSE Algebra II or Advanced Algebra: Concepts and Connections Credit Type: L1; Core or elective credit

Description: A fourth mathematics course option designed to provide experiences in statistics beyond the GSE sequence of courses. Students will strengthen their understanding of the statistical method of inquiry and statistical simulations by formulating statistical questions answered by using data, designing and implementing a plan to collect the appropriate data, selecting appropriate graphical and numerical methods for data analysis, and interpreting results to make connections with the initial question. This course is not recognized as a core mathematics course for STEM majors and may not serve as the best option for students planning to enter a four-year post-secondary institution.

**Advanced Placement (AP) Statistics****1 Unit**

CIP #: 27.07400

Prerequisite: Teacher recommendation

Credit Type: L3; Core or elective credit

Description: Introduces the derivation of knowledge from data and data collection. Explorations are conducted through experiments, surveys, and computer simulations. Presents applications in real-life situations and shows how statistics can be misleading. AP course follows the College Board syllabus for the AP Statistics Examination. Enrollment in AP includes the commitment to take the AP exam.

**Advanced Placement (AP) Calculus AB****1 Unit**

CIP #: 27.07200

Prerequisite: Teacher recommendation and Enhanced Advanced Algebra and AP Precalculus: Concepts and Connections or Precalculus or AP Precalculus

Credit Type: L3; Core or elective credit

Description: Follows the College Board syllabus for the AP Calculus AB Examination, including properties of functions and graphs, limits and continuity, differential and integral calculus. Enrollment in AP includes the commitment to take the AP exam.

**International Baccalaureate (IB) Mathematics: Analysis and Approaches Standard Level (SL), Year 1****1 Unit****International Baccalaureate (IB) Mathematics: Analysis and Approaches Standard Level (SL), Year 2**

CIP #: 27.05310 (Year 1)

CIP #: 27.05320 (Year 2)

Prerequisite: Approval of the school IB coordinator and Advanced Algebra: Concepts and Connections or GSE Algebra II

Credit Type: L3; Core or elective credit

Description: Course intended for students who wish to pursue studies in mathematics at university or subjects that have a large mathematical content; students will develop mathematical arguments, problem solve, and explore real and abstract applications, with and without technology.

**International Baccalaureate (IB) Mathematics: Application and Interpretation Standard Level (SL), Year 1****1 Unit****International Baccalaureate (IB) Mathematics: Application and Interpretation Standard Level (SL), Year 2**

CIP #: 27.05350

CIP #: 27.05360

Prerequisite: Approval of the school IB coordinator and Advanced Algebra: Concepts and Connections or GSE Algebra II

Credit Type: L3; Core or elective credit

Description: Students will use mathematics to solve real world problems using mathematics, harnessing the power of technology and mathematical models.

**Communication Skills in Math (ELL)****1 Unit**

CIP #: 55.02110

Prerequisite: Special placement for limited English speaking students determined through language proficiency testing

Credit Type: L1; Elective credit only

Description: This course supports and enhances literacy and listening skills necessary for success in the mathematics content areas; particular emphasis is on vocabulary, speaking, listening and reading skills in mathematics.

**College Readiness Mathematics (Mathematics Capstone Course)****1 Unit**

CIP #: 27.08900

Prerequisite: GSE Algebra II or Advanced Algebra: Concepts and Connections (or the equivalent)

Credit Type: L1; Core or elective credit

Description: This course is a fourth mathematics option. It is designed to serve as a bridge for high school students into postsecondary opportunities. Students will be expected to complete a mandatory capstone project where they select one of the areas listed in the standard to identify a problem and use mathematical modeling to address it.



## SCIENCE

### Physical Science

**1 Unit**

#### Physical Science (Honors)

CIP #: 40.01100

Prerequisite: Teacher recommendations for Honors

Credit Type: L1 or L2; Core or elective credit; physical science course; **students in ninth grade for the first time in 2008 or later must take Physical Science or Physics I**

Description: Promotes science process skills through study of properties of matter, atomic theory, chemical symbols, stoichiometry, periodic table, organic chemistry, energy, mechanics, waves and energy transfer, electricity and magnetism.

### Biology I\*

**1 Unit**

#### Biology I (Honors)\*

#### Advanced Placement (AP) Biology\*

CIP #: 26.01200

CIP #: 26.01400 (AP)

Prerequisite: Teacher recommendations for Honors; Biology I and credit for or concurrent enrollment in Chemistry required for AP

Credit Type: L1, L2 or L3; **required for students in ninth grade for the first time in 2008 or later (may substitute with AP Biology, or IB Biology, Year 1)**

Description: Introduces science process skills and laboratory safety, research, nature of biology, cellular biology, biochemistry, genetics, evolution, classification, diversity of life, human body, and ecology. AP Biology conforms to the College Board topics for the AP Biology Examination; covers biological chemistry, cells, energy transformations, molecular genetics, heredity, evolution, taxonomy, systematic, and Monera, Protista, fungi, plants, animals, and ecology. Enrollment in AP includes the commitment to take the AP exam.

### International Baccalaureate (IB) Biology, Year 1

**1 Unit**

CIP #: 26.01800

Prerequisite: Approval of the school IB coordinator

Credit Type: L3; Core or elective credit; life science course; **may substitute for the Biology I course requirement**

Description: This course examines the four basic biological concepts: structure and function, universality versus diversity, equilibrium within systems, and evolution. In addition to the course requirements in the selected science, all students must participate in a collaborative science project where concepts and perspectives from across the scientific disciplines are shared with an emphasis on interdisciplinary cooperation and application of the processes of scientific investigation.

### International Baccalaureate (IB) Biology, Year 2

**1 Unit**

CIP #: 26.01900

Prerequisite: Approval of the school IB coordinator

Credit Type: L3; Core or elective credit; life science course

Description: This course will examine the mammalian body systems, the anatomy and physiology of the plant kingdom, the reproductive processes of angiosperms, population and community ecology, and the structure and importance of ecosystems. In addition to the course requirements in the selected science, all students must participate in a collaborative science project where concepts and perspectives from across the scientific disciplines are shared, and an emphasis on interdisciplinary cooperation and application of the processes of scientific investigation are applied.

### Chemistry I

**1 Unit**

#### Chemistry I (Honors)

#### Advanced Placement (AP) Chemistry

CIP #: 40.05100

CIP #: 40.05300 (AP)

Prerequisite: Teacher recommendation for Honors and AP; Chemistry I recommended for AP

Credit Type: L1, L2 or L3; Core or elective credit; physical science course; **students enrolling in ninth grade for the first time in 2008 or later must take Earth Systems, Chemistry I (or AP or IB), or Environmental Science (or AP or IB)**

Description: Introduces chemistry; covers science process skills, units of chemistry, atoms and collections of atoms, periodicity and bonding, compounds and reactions, characteristics of states of matter, acid/base chemistry, chemical dynamics and equilibrium, reference, research skills, and lab safety. AP Chemistry conforms to College Board topics for the AP Chemistry Exam; covers atomic theory and structure, chemical bonding, nuclear chemistry, gases, liquids, solids, solutions, types of reactions, stoichiometry, equilibrium, kinetics, and thermodynamics. Enrollment in AP includes the commitment to take the AP exam.

**Environmental Science** **1 Unit**  
**Environmental Science (Honors)**  
**Advanced Placement (AP) Environmental Science**  
CIP #: 26.06110  
CIP #: 26.06200 (AP)  
Prerequisite: Teacher recommendation for Honors or AP  
Credit Type: L1, L2 or L3; Core or elective credit; life science course; **students enrolling in ninth grade for the first time in 2008 or later must take Chemistry I or Earth Systems or Environmental Science**

Description: Provides the student with the scientific principles, concepts, and the methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Enrollment in AP includes the commitment to take the AP exam.

**Astronomy** **1 Unit**  
CIP #: 40.02100  
Prerequisite: None  
Credit Type: L1; core or elective credit; physical science course

Description: Provides student with introduction to concepts of modern astronomy, the origin and history of the Universe and formation of Earth and solar system. Students will compare the Earth's properties with those of the other planets and explore how the heavens have influenced human thought and action. Includes description of astronomical phenomena using laws of physics; planets, stars, Milky Way and other galaxies, and black holes. Explores esoteric questions concerning origin of the universe, its evolution and fate. Requires use of sophomore-high level mathematics.

**Forensic Science** **1 Unit**  
**Forensic Science (Honors)**  
CIP #: 40.09300  
Prerequisite: None  
Credit Type: L1 or L2; **Elective credit only for students enrolling in ninth grade for the first time prior to 2008; Core or elective for students first entering ninth grade in 2008 or later;** physical science course

Description: Students will explore how forensic science is use in criminal investigations, will apply the principles of forensic science to hypothetical crimes, and will use the scientific process to solve fictional crimes.

**Human Anatomy and Physiology** **1 Unit**  
**Human Anatomy and Physiology (Honors)**  
CIP #: 26.07300  
Prerequisite: Teacher recommendation for Honors  
Credit Type: L1 or L2; Core or elective credit; life science course

Description: Covers science process skills and laboratory safety, body organization, chemistry of life, cells and tissues, homeostasis, skeletal system, muscular system, nervous system, endocrine system, circulatory system, respiratory system, digestive system, metabolism, urinary system, integumentary system, and reproduction system.

**International Baccalaureate (IB) Chemistry, Year 1** **1 Unit**  
CIP #: 40.05500  
Prerequisite: Approval of the school IB coordinator, Chemistry & Advanced Algebra recommended  
Credit Type: L3; Core or elective credit; physical science course

Description: Provides a rigorous survey of university level topics in chemistry presented in a global/international context; students will review current and historical research from all nations with students from a variety of cultural origins.

**International Baccalaureate (IB) Chemistry, Year 2** **1 Unit**  
CIP #: 40.05600  
Prerequisite: Approval of the school IB coordinator, Chemistry & Advanced Algebra recommended  
Credit Type: L3; Core or elective credit; physical science course

Description: Extends the rigorous survey of university level topics in chemistry that include laws in physics and mathematical formalism that can be applied at the molecular level to biology and at the practical level to medicine.

**International Baccalaureate (IB) Design Technology, Year 1****1 Unit****International Baccalaureate (IB) Design Technology, Year 2**

CIP #: 40.09500 (Year 1)

CIP #: 40.09600 (Year 2)

Prerequisite: Approval of the school IB coordinator, Advanced Algebra recommended

Credit Type: L3; Core or elective credit; general advanced science course

Description: Inquiry and problem-solving are at the heart of the subject. The design cycle is used as a tool, or methodology to structure the inquiry and analysis of problems, the development of feasible solutions, and the testing and evaluation of the solution. A solution may be a model, prototype, product or system developed by the student. Students will develop a keen knowledge and use of the design cycle, critical thinking, and problem-solving skills while applying them practically in a real-life context. Students explore and research real world problems to identify and work toward solutions using the design process.

**Physics I****1 Unit****Physics I (Honors)****Advanced Placement (AP) Physics 1**

CIP #: 40.08100

CIP #: 40.08310 (AP)

Prerequisite: Teacher recommendation for Honors; Accelerated Analytic Geometry/Advanced Algebra; Analytic Geometry; Advanced Algebra for AP

Credit Type: L1, L2 or L3; Core or elective credit; physical science course; **students first entering ninth grade in 2008 or later must take Physical Science or Physics I**

Description: Covers basic mechanics, kinetic theory, thermodynamics, wave mechanics, electricity, particle physics, and reference, research skills, lab safety, and process skills. AP course is algebra-based, introductory college level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. Course based on six Big Ideas encompassing core scientific principles, theories, and processes that cut across traditional boundaries and provide a broad way of thinking about the physical world. Enrollment in AP includes the commitment to take the AP exam.

**International Baccalaureate (IB) Physics, Year 1****1 Unit**

CIP #: 40.08500

Prerequisite: Approval of the school IB coordinator

Credit Type: L3; Core or elective credit; physical science course

Description: Introduces laws of physics, experimental skills required in physics, and social and historical aspects of physics as an evolving body of human knowledge about nature. Includes measurement, mechanics, thermal physics and properties of matter, waves, electricity and magnetism, and atomic and nuclear physics.

**International Baccalaureate (IB) Physics, Year 2****1 Unit**

CIP #: 40.08600

Prerequisite: Approval of the school IB coordinator &amp; IB Physics, Year 1

Credit Type: L3; Core or elective credit; physical science course

Description: Focuses on electricity and magnetism, atomic physics, optics, and relativity. Students complete two of five options on similar topics. To meet this aim, twenty-five percent of a student's classroom time must be devoted to performing practical (lab) work that covers a range of topics and skills, including a multi-disciplinary group science project.

**Communication Skills in Science (ELL)****1 Unit**

CIP #: 55.02120

Prerequisite: Special placement for limited English speaking students determined through language proficiency testing

Credit Type: L1; Elective credit only

Description: This course supports and enhances literacy and listening skills necessary for success in the science content areas; particular emphasis is on vocabulary, speaking, listening and reading skills in science.

**Reading and Writing in Science (ELL)****1 Unit**

CIP #: 55.02600

Prerequisite: Special placement for limited English speaking students determined through language proficiency testing

Credit Type: L1; Elective credit only

Description: This course supports and enhances reading and writing skills in science and provides students with strategies for reading and comprehending scientific texts.

**Life Sciences Work-Based Learning (WBL) Placement****.5 or 1 Unit****Life Sciences Work-Based Learning (WBL) Placement (Honors)**

CIP #: 26.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; &amp; concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**Physical Sciences Work-Based Learning (WBL) Placement****.5 or 1 Unit****Physical Sciences Work-Based Learning (WBL) Placement (Honors)**

CIP #: 40.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; &amp; concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**Advanced Placement (AP) Human Geography****1 Unit**

CIP #: 45.07700

Prerequisite: Teacher recommendation

Credit Type: L3; Elective credit only

Description: Introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students employ spatial concepts and landscape analysis to interpret human social organization and its environmental consequences. Enrollment in AP includes the commitment to take the AP exam.

**World History****1 Unit****World History (Honors)****Advanced Placement (AP) World History: Modern**

CIP #: 45.08300

CIP #: 45.08110 (AP)

Prerequisite: Teacher recommendation for Honors/AP

Credit Type: L1, L2 or L3; **Required for all students first entering ninth grade in 2008 or later**

Description: Emphasizes the political, cultural, economic and social development and growth of civilizations; covers the emergence of nations through trade/communications, intellectual development, scientific/technological development, emergence of nation states, nations in conflict and the emerging interdependence of nations in the first and twenty first centuries. Enrollment in AP includes the commitment to take the AP exam.

**United States History\*****1 Unit****United States History (Honors)\*****Advanced Placement (AP) United States History\***

CIP #: 45.08100

CIP #: 45.08200 (AP)

Prerequisite: Teacher recommendation for Honors and AP

Credit Type: L1, L2 or L3; **Required for all students** (may substitute with AP U.S. History or IB History of the Americas, Year 1)

Description: Investigates the United States, its people, institutions and heritage; emphasizes political, cultural and social issues, the role of the United States as a world leader and the issues confronting the United States today. AP course includes discovery and settlement, Colonial Society, American Revolution, Constitution and the New Republic, Age of Jefferson, Nationalism, Sectionalism, Territorial Expansion, Civil War, Reconstruction, Industrialization, Progressive Era, World War I, Depression, New Deal, World War II, The Cold War. Enrollment in AP includes the commitment to take the AP exam.

**American Government/Civics****.5 Unit****American Government/Civics (Honors)****Advanced Placement (AP) Government/Politics: United States**

CIP #: 45.05700

CIP #: 45.05200 (AP)

Prerequisite: Teacher recommendation for Honors and AP

Credit Type: L1, L2 or L3; **Required for all students** (may substitute with AP Government/Politics: United States)

Description: Focuses on the foundation, principles and structure of the American system of government, examines the role of political parties, social factors as they relate to the role of the citizen, and analyzes the decision-making process that are a part of the system of American political behavior. This course meets the state's Citizenship requirement for graduation. AP course conforms to College Board topics for the AP exam; includes federalism, separation of powers, influences on the formulation and adoption of the Constitution, political beliefs, political parties and elections, interest groups, institutions and policy processes and civil liberties and civil rights. Enrollment in AP includes the commitment to take the AP exam.



<b>Personal Finance and Economics</b>	<b>.5 Unit</b>
<b>Personal Finance and Economics (Honors)</b>	<b>.5 Unit</b>
<b>Advanced Placement (AP) Macroeconomics</b>	<b>1 Unit</b>
<b>Advanced Placement (AP) Microeconomics</b>	<b>1 Unit</b>

CIP #: 45.06100

CIP #: 45.06200 (AP Macroeconomics)

CIP #: 45.06300 (AP Microeconomics)

Prerequisite: Teacher recommendation for Honors

Credit Type: L1, L2 or L3; **Required for all students** (may substitute with AP Macro or Microeconomics, or IB Economics, Year 1)

Description: In addition to the fundamentals of economic decision-making, microeconomics, macroeconomics, and international economics, students will learn personal finance skills they can apply to their own futures – including managing and balancing budgets; understanding and building credit; protecting against identity theft and consumer protections; and understanding tax forms, student loan applications, and pay stubs. Economics is the study of how individuals, businesses, and governments make decisions about the allocation of scarce resources. This course provides students with a foundation in the field of economics, with a specific focus on how students can apply that knowledge to their own personal finances. AP Macroeconomics focuses on basic economic concepts, measurement of economic performance, national income and price determination and international economics and growth; AP Microeconomics focuses on basic economic concepts, the nature and functions of product markets, factor markets and efficiency. Enrollment in AP includes the commitment to take the AP exam.

<b>International Baccalaureate (IB) History of the Americas, Year 1</b>	<b>1 Unit</b>
<b>International Baccalaureate (IB) History of the Americas, Year 2</b>	

CIP #: 45.08700 (Year 1)

CIP #: 45.08930 (Year 2)

Prerequisite: Approval of the school IB coordinator

Credit Type: L3; Elective credit; **May substitute for the U.S. History course requirement**

Description: Comprehensive examination of major events that have shaped the history of the western hemisphere, and a look at the individuals from the past and their struggles for basic goals such as freedom, equality, and economic opportunity; includes the importance of historical evidence and various perspectives in the western hemisphere during 1845-1945.

<b>International Baccalaureate (IB) Psychology, Year 1</b>	<b>1 Unit</b>
<b>International Baccalaureate (IB) Psychology, Year 2</b>	

CIP #: 45.01700 (Year 1)

CIP #: 45.01710 (Year 2)

Prerequisite: Approval of the school IB coordinator; courses must be taken in sequence

Credit Type: L3; Elective credit

Description: Comprehensive examination of the methodology, perspectives, ethics, and cultural influences on the scientific study of behaviors and mental processes that have become the field of psychology; will study psychology through three major perspectives: Biological, Cognitive, and Learning with an emphasis on the cross-cultural similarities and differences in psychology. Assumptions of psychology addressed include motivations underlying human behavior, social interaction, language and thinking, memory and emotion.

<b>International Baccalaureate (IB) World Religions, Year 1</b>	<b>1 Unit</b>
<b>International Baccalaureate (IB) World Religions, Year 2</b>	

CIP #: 45.01110 (Year 1)

CIP #: 45.01120 (Year 2)

Prerequisite: Approval of the school IB coordinator; courses must be taken in sequence

Credit Type: L3; Elective credit

Description: A systematic, analytical yet empathetic study of the variety of beliefs and practices encountered in nine main religions of the world. The course seeks to promote an awareness of religious issues in the contemporary world by requiring the study of a diverse range of religions. The religions are studied in such a way that students acquire a sense of what it is like to belong to a particular religion and how that influences the way in which the followers of that religion understand the world, act in it, and relate and respond to others. The aims of the world religions standard level courses are to: promote an inquiring, analytical and empathetic approach to the study of religion; develop an informed understanding of the diversity of world religions; foster a respectful awareness of the significance of the beliefs and practices for the faith member; develop an understanding of how religion affects people's lives; encourage a global appreciation of the issues surrounding religious and spiritual beliefs, controversies and movements in the world today; and promote responsible and informed international citizenship.

**Current Issues****.5 or 1 Unit**

CIP #: 45.01200

Prerequisite: None

Credit Type: L1; Elective credit

Description: Analyzes current issues and influences that are related to these issues and examines how decisions are made concerning those issues. Integrates and reinforces social studies skills

**Psychology****.5 or 1 Unit****Advanced Placement (AP) Psychology****1 Unit**

CIP #: 45.01500

CIP #: 45.01600 (AP)

Prerequisite: None; teacher recommendation for AP

Credit Type: L1 or L3; Elective credit

Description: First half investigates the principles of psychology for human behavior in relation to human development, learning/cognition, and personality. Second half investigates the principles of psychology in relation to psychological disorders, methods of therapy, social cognition and social interaction. Investigation of methodologies for study and research development. Integrates and reinforces social studies skills. AP course includes methods, approaches and the history of psychology as a science, biological bases of behavior, sensation and perception, learning, developmental psychology, personality, testing and individual differences, abnormal psychology, treatment of psychological disorders and social psychology. Enrollment in AP includes the commitment to take the AP exam.

**Sociology****.5 or 1 Unit**

CIP #: 45.03100

Prerequisite: None

Credit Type: L1; Elective credit

Description: First half of course investigates principles of sociology, the individual in groups, social institutions, social control and the use of research methods to examine social problems. Second half of course investigates the principles of social institutions, economy, politics, education, religion, and the current issues in sociology including population shifts, collective behavior and social change. Methodologies for study and research development for these areas will be investigated. Integrates and reinforces social studies skills.

**Peer Leadership I****.5 or 1 Unit**

CIP #: 45.05900

Prerequisite: Teacher recommendation

Credit Type: L1; Elective credit

Description: Investigates what it means to be a leader and guides students in exercising leadership. Course provides a focus for leadership learning via student-centered experience, including guided and independent activities. Leadership opportunities offered both inside and outside the classroom setting. Concepts to be covered include goal setting, team building, communication, problem solving, motivation, and community and civic responsibility skills.

**US History in Film****1 Unit**

CIP #: 45.08120

Prerequisite: None

Credit Type: L1; Elective credit

Description: Explores United States history through film. Course includes analysis and interpretation of events through both print and film.

**Personal Financial Literacy****.5 or 1 Unit**

CIP #: 45.06700

Prerequisite: None

Credit Type: L1; Elective credit

Description: Course explores income, budgeting, payment for goods and services, credit and interest rates, financial institutions, investments, insurance and risk management, taxation, consumer protection, and identity theft.

**World Area Studies****1 Unit****World Area Studies (Honors)**

CIP #: 45.09200

Prerequisite: Enrollment in Johnson High School's JISA Program

Credit Type: L1 or L2; Elective credit

Description: Examination of the how the global society impacts the individual and how the individual impacts the global society. Topics will include human rights, world poverty, ecology, migration of people, population growth, and the scarcity of resources.

**World Geography****.5 or 1 Unit**

CIP #: 45.07110

Prerequisite: None

Credit Type: L1; Elective credit

Description: Provides an introduction to both physical and cultural geography. For each major region, students learn the importance of the physical geography and its impact on the region's development. Also include the cultural aspects of each region and examination of the influence of geography on the cultural development of each region.

**Communication Skills in Social Studies (ELL)****1 Unit**

CIP #: 55.02130

Prerequisite: Special placement for limited English speaking students determined through language proficiency testing

Credit Type: L1; Elective credit only

Description: This course supports and enhances literacy and listening skills necessary for success in the social studies content areas; particular emphasis is on vocabulary, speaking, listening and reading skills in social studies.

**Social Sciences Work-Based Learning (WBL) Placement****.5 or 1 Unit****Social Sciences Work-Based Learning (WBL) Placement (Honors)**

CIP #: 45.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**Spanish I, II****1 Unit****Spanish I – V (Honors)**

CIP #: 60.07100 (I)

CIP #: 60.07200 (II)

CIP #: 60.07300 (III)

CIP #: 60.07400 (IV)

CIP #: 60.07500 (V)

CIP #: 60.07600 (VI)

Prerequisite: Courses must be taken in sequence; Virtual format available with approval of Instructional Coordinator

Credit Type: L1 or L2; Core or elective credit; *Spanish I, II, and I – IV Honors available as E-courses*

Description: Emphasizes listening, speaking, reading, and writing. Includes how to ask and respond to basic questions, to speak and read within a range of carefully selected topics and to develop an understanding of Spanish-speaking cultures. Honors level courses emphasize the acquisition of authentic language which includes recognizing the nuances, idiomatic phrases and regional differences of the language. In addition, students will learn to understand the language spoken at a normal rate and will increase their abilities to accurately express themselves on a variety of topics both orally and in writing to an increasingly advanced level of proficiency.

**Advanced Placement (AP) Spanish Language and Culture****1 Unit**

CIP #: 60.07700

Prerequisite: Spanish I-III

Credit Type: L3; Core or elective credit

Description: Emphasizes the ability to comprehend formal and informal spoken Spanish, to acquire the vocabulary and grasp of structure to read newspapers, magazines and Hispanic literature, and to compose expository passages and to speak accurately and fluently. Enrollment in AP includes the commitment to take the AP exam.

**Advanced Placement (AP) Spanish Literature and Culture****1 Unit**

CIP #: 60.08110

Prerequisite: Spanish I-III

Credit Type: L3; Core or elective credit

Description: Study of required authors and selected works for the AP Exam; emphasizes the ability to understand a lecture in Spanish and discuss literary topics in Spanish, to read Hispanic literary texts in all genres and to analyze critically form and content of literary works orally and in writing using appropriate terminology. Enrollment in AP includes the commitment to take the AP exam.

**Spanish for Native Spanish Speakers I, II, III****1 Unit****Spanish for Native Spanish Speakers I, II, III (Honors)**

CIP #: 60.07900 (I)

CIP #: 60.07910 (II)

CIP #: 60.07920 (III)

Prerequisite: Courses must be taken in sequence

Credit Type: L1 or L2; Core or elective credit

Description: Designed for Heritage Language Learners of Spanish; students will develop reading, writing, speaking and listening skills, and will develop an awareness and understanding of Hispanic cultures, such as language variations, customs, and current events.

**International Baccalaureate (IB) Spanish A, Year 1****1 Unit****International Baccalaureate (IB) Spanish A, Year 2**

CIP #: 60.07810 (Year 1)

CIP #: 60.07820 (Year 2)

Prerequisite: Approval of the school IB coordinator, Spanish for Native Speakers I &amp; II OR Spanish I-IV; must be taken in sequence

Credit Type: L3; Core or elective credit

Description: Native Speakers of Spanish will develop a critical response to Spanish literature that is expressed clearly and concisely, and held to an international standard of excellence to ensure the advanced nature of learning in preparation for IB examinations. Students experience high-level analysis and advanced composition throughout in preparation for the IB exam.

**International Baccalaureate (IB) Spanish, Year 1**  
**International Baccalaureate (IB) Spanish, Year 2**

**1 Unit**

CIP #: 60.07130 (Year 1)

CIP #: 60.07160 (Year 2)

Prerequisite: Approval of the school IB coordinator & Spanish II; courses must be taken in sequence; not a first or second year course

Credit Type: L3; Core or elective credit

Description: Advanced courses designed to expand the students' ability to communicate in Spanish and discuss issues related to literature, history, social issues, politics, and current events; classes will be conducted in Spanish, and the students will have many proficiency-based opportunities to practice their skills in listening, speaking, reading and writing.

**International Baccalaureate (IB) Spanish ab initio, Year 1**  
**International Baccalaureate (IB) Spanish ab initio, Year 2**

**1 Unit**

CIP #: 60.07170 (Year 1)

CIP #: 60.07180 (Year 2)

Prerequisite: Approval of the school IB coordinator; courses must be taken in sequence

Credit Type: L3; Core or elective credit

Description: Designed for IB Diploma students who have had little to no previous experience learning the Spanish language. The main objective of the courses will be to provide students with the skills that are necessary for them to be able to handle everyday situations in a Spanish-speaking environment. The course will cover the skills of speaking, listening, reading, and writing and will enable students to know how to respond appropriately and spontaneously in a wide range of different circumstances.

**Chinese I, II**  
**Chinese III – V (Honors)**

**1 Unit**

CIP #: 62.01100 (I)

CIP #: 62.01200 (II)

CIP #: 62.01300 (III)

CIP #: 62.01400 (IV)

CIP #: 62.01500 (V)

Prerequisite: Courses must be taken in sequence

Credit Type: L1 or L2; Core or elective credit; *Chinese I, II and III available as E-course*

Description: Emphasizes listening, speaking, reading, and writing. Includes how to ask and respond to basic questions, to speak and read within a range of carefully selected topics and to develop an understanding of Chinese-speaking cultures. Honors level emphasizes the acquisition of authentic language which includes recognizing the nuances, idiomatic phrases and regional differences of the language; in addition, students will learn to accurately express themselves to an increasingly advanced level of proficiency.

**Portuguese I, II, III, IV, V**  
**Portuguese I – V (Honors)**

**1 Unit**

CIP #: 60.05100 (I)

CIP #: 60.05200 (II)

CIP #: 60.05300 (III)

CIP #: 60.05400 (IV)

CIP #: 60.05500 (V)

Prerequisite: Courses must be taken in sequence

Credit Type: L1; Core or elective credit

Description: Emphasizes listening, speaking, reading, and writing. Includes how to ask and respond to basic questions, to speak and read within a range of carefully selected topics and to develop an understanding of Portuguese-speaking cultures.

**Spoken Languages Work-Based Learning (WBL) Placement**  
**Spoken Languages Work-Based Learning (WBL) Placement (Honors)**

**.5 or 1 Unit**

CIP #: 63.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

<b>FINE ARTS</b>
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<b>THEATRE ARTS</b>
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**Theatre Arts/Fundamentals I – IV****.5 or 1 Unit**

CIP #: 52.02100 (I)

CIP #: 52.02200 (II)

CIP #: 52.02300 (III)

CIP #: 52.02400 (IV)

Prerequisite: Courses must be taken in sequence

Credit Type: L1; Core or elective credit

Description: Develops and applies performance strategies of basic vocal, physical and emotional exercises in scene study, while including improvisation and technical art forms. Year II develops and applies performance skills through basic vocal, physical and emotional exercises; includes improvisation and scene study and related technical art forms. Year II-IV provides producing and studying children's theater and literature in depth with performance opportunities. Year IV engages students in writing plays; explores the role of the playwright; students learn by researching, evaluating and synthesizing cultural and historical information to support artistic choice, and analyzing, critiquing, and constructing meanings from informal and formal theatre, film and electronic media.

**Theatre Arts/Advanced Drama I, II, III, IV****1 Unit****Theatre Arts/Advanced Drama I, II, III, IV (Honors)**

CIP #: 52.05100 (I)

CIP #: 52.05200 (II)

CIP #: 52.05230 (III)

CIP #: 52.05240 (IV)

Prerequisite: Courses must be taken in sequence

Credit Type: L1 or L2; Core or elective credit

Description: Introduces acting and theater as disciplined art forms; covers methods to observe and understand human behavior and to use these observations to create a character; includes basic techniques of stage movement and use of physical expression for communication. Enhances vocal techniques; uses historical, textual and improvisational studies.

**Theatre Arts/Musical Theater I, II, III, IV****1 Unit****Theatre Arts/Musical Theater I, II, III, IV (Honors)**

CIP #: 52.03100 (I)

CIP #: 52.03200 (II)

CIP #: 52.03300 (III)

CIP #: 52.03400 (IV)

Prerequisite: Courses must be taken in sequence

Credit Type: L1 or L2; Core or elective credit

Description: Introduces the style and characteristic elements of modern musical theater. Covers production staging, orchestration, voice and dance; offers an opportunity for team teaching through interdisciplinary collaboration with the chorus, band, art, technology, physical education and dance instructors. Focuses on voice production, character study, and choreography as related to production.

**Theatre Arts/Technical Theater I, II, III, IV****.5 or 1 Unit****Theatre Arts/Technical Theater I, II, III, IV (Honors)**

CIP #: 52.04100 (I)

CIP #: 52.04200 (II)

CIP #: 52.04300 (III)

CIP #: 52.04400 (IV)

Prerequisite: Courses must be taken in sequence

Credit Type: L1 or L2; Core or elective credit

Description: Introduces students to the fundamentals of technical theatre: sound, lights, stage management, scenic design, costumes, etc. Students will also be members of the running crew for theatre productions.

**Lighting Design I****1 Unit**

CIP #: 52.04500

Prerequisite: Teacher recommendation

Credit Type: L1; Core or elective

Description: Introduces techniques of lighting design for theatre, covering script analysis, lighting instruments, color media, control consoles, conventional lighting techniques, lighting plots, equipment maintenance, and working with performers and patrons of the arts.

**Theatre Arts Literature I****1 Unit**

CIP #: 52.008100

Prerequisite: Teacher recommendation

Credit Type: L1; Core or elective

Description: Course analyzes and constructs meaning from theatrical experiences, dramatic experiences, and electronic media. Students develop scripts, act in a variety of situations and environments, design and execute artistic and technical elements of theatre, direct rehearsals, research cultural and historical information to support artistic choices, and examine theatre of past and present civilizations.

**International Baccalaureate (IB) Theatre, Year 1****1 Unit****International Baccalaureate (IB) Theatre, Year 2**

CIP #: 52.05300 (Year 1)

CIP #: 52.05400 (Year 2)

Prerequisite: Approval of the school IB coordinator; Year 1 course is a prerequisite for the Year 2 course

Credit Type: L3; Core or elective credit

Description: Provides understands the importance of working as individuals and members of an ensemble; students gain greater understanding of own perspectives while appreciating perspectives of diverse peoples; provides opportunity to explore different dramatic forms, develop a sense of internationalism, and acquire skills in depth and breadth to be used in various performance areas.

**Dramatic Writing (Film, Television, and Theatre I)****1 Unit**

CIP #: 52.09200

Prerequisite: None

Credit Type: L1; Core or elective; **beginning in the 2018-19 school year, students who earn 1 unit of credit for this course may also receive 1 unit of credit for Advanced Composition (23.03400) earning the same grade for both courses**

Description: Applies skills to culminate in creating and developing dramatic writing for theatrical media with special emphasis on film and television. Includes development of "writerly stance" by reading, viewing, and analyzing texts and visual media from a writer's point of view, with focus on understanding the construction process and including the application of conventions of standard English grammar and usage.

Note: This course meets fourth English Language Arts core requirement.

**Theatre Arts Work-Based Learning (WBL) Placement****.5 or 1 Unit****Theatre Arts Work-Based Learning (WBL) Placement (Honors)**

CIP #: 52.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**MUSIC****Music Appreciation I, II****.5 or 1 Unit**

CIP #: 53.01400

CIP #: 53.01500

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: Introduces production and performance; covers terminology and idioms, elements of music, perceptive listening and attitudes and appreciation; stresses the ability to become a literate consumer and the ability to speak and write about music.



**Music Theory & Composition****1 Unit****Advanced Placement (AP) Music Theory**

CIP #: 53.02100 (Beginning)

CIP #: 53.02200 (Intermediate)

CIP #: 53.02270 (Advanced)

CIP #: 53.02300 (AP)

Prerequisite: None

Credit Type: L1 or L3; Core or elective credit

Description: Introduces fundamentals of organized sound and rules of Western music composition; opportunity to create original works. AP covers terminology and notational skills, writing skills, visual analysis, aural skills, and advanced levels of understanding. Enrollment in AP includes the commitment to take the AP exam.

**Beginning Band I, II****.5 or 1 Unit**

CIP #: 53.03610

CIP #: 53.03620

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: L1; Core or elective credit

Description: Opportunities to develop performance skills on wind or percussion instrument; emphasizes performance and production, analysis, historical and cultural influences, improvisation and appreciation of music. Concepts and demands found in Grade1 level literature.

**Intermediate Band I – IV****.5 or 1 Unit**

CIP #: 53.03710 (I)

CIP #: 53.03720 (II)

CIP #: 53.03730 (III)

CIP #: 53.03740 (IV)

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: L1; Core or elective credit

Description: Provides opportunities to increase performance skills and precision on a wind or percussion instrument; includes analysis and theoretical studies, historical and cultural contributions, creative aspects of music, and strengthening reading skills. Concepts and demands found in Grades 2 and 3 level literature.

**Intermediate Instrumental Ensemble I – IV****1 Unit**

CIP #: 53.07510 (I)

CIP #: 53.07520 (II)

CIP #: 53.07530 (III)

CIP #: 53.07540 (IV)

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: L1; Core or elective credit

Description: Provides opportunities to increase performance skills and precision on a wind or percussion instrument; includes analysis and theoretical studies, historical and cultural contributions, creative aspects of music, and strengthening reading skills. Concepts and demands found in Grades 2 and 3 level literature.

**Intermediate Jazz I – IV****1 Unit**

CIP #: 53.06510 (I)

CIP #: 53.06520 (II)

CIP #: 53.06530 (III)

CIP #: 53.06540 (IV)

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: L1; Core or elective credit

Description: Offers opportunities for intermediate-level performers to increase performance skills and knowledge on instruments or voice in a jazz idiom; includes performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music (especially improvisation and composition) and appreciation of music. Emphasizes jazz as an indigenous American art form and a major component of our cultural heritage. Concepts and demands found in Grades 2 and 3 level literature.

**Advanced Band I – IV****.5 or 1 Unit****Advanced Band III, IV (Honors)**

CIP #: 53.03810 (I)

CIP #: 53.03820 (II)

CIP #: 53.03830 (III)

CIP #: 53.03840 (IV)

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence; teacher recommendation required for Honors

Credit Type: L1 or L2; Core or elective credit

Description: For the advanced-level performer to increase, develop and refine performance skills and precision; covers performance and production, analysis and theoretical studies, aspects of music and appreciation of music at advanced levels of understanding; stresses self-paced progress in an increasing breadth of repertoire, individual learning strategies and ensemble experiences. Concepts and demands found in Grades 4 and 5 level literature.

**Advanced Instrumental Ensemble I – IV****1 Unit****Advanced Instrumental Ensemble III, IV (Honors)**

CIP #: 53.07610 (I)

CIP #: 53.07620 (II)

CIP #: 53.07630 (III)

CIP #: 53.07640 (IV)

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: L1 or L2; Core or elective credit

Description: For the advanced-level performer to increase, develop and refine performance skills and precision; covers performance and production, analysis and theoretical studies, aspects of music and appreciation of music at advanced levels of understanding; stresses self-paced progress in an increasing breadth of repertoire, individual learning strategies and ensemble experiences. Concepts and demands found in Grades 4 and 5 level literature.

**Advanced Jazz I – IV****1 Unit**

CIP #: 53.06610 (I)

CIP #: 53.06620 (II)

CIP #: 53.06630 (III)

CIP #: 53.06640 (IV)

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: L1 or L2; Core or elective credit

Description: Offers opportunities for advanced-level performers to increase performance skills & knowledge on instruments or voice in a jazz idiom; includes performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music (especially improvisation and composition) and appreciation of music. Emphasizes jazz as an indigenous American art form and a major component of our cultural heritage. Concepts and demands found in Grades 4 and 5 level literature.

**Mastery Band I – IV****1 Unit****Mastery Band I – IV (Honors)**

CIP #: 53.03910 (I)

CIP #: 53.03920 (II)

CIP #: 53.03930 (III)

CIP #: 53.03940 (IV)

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: L1 or L2 Core or elective credit

Description: For the advanced-level performer to increase, develop and refine performance skills and precision; covers performance and production, analysis and theoretical studies, aspects of music and appreciation of music at advanced levels of understanding; stresses self-paced progress in an increasing breadth of repertoire, individual learning strategies and ensemble experiences. Concepts and demands found in Grade 6 level literature.

**Beginning Music Technology****1 Unit**

CIP #: 53.02210

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: Students learn how to use digital tools and resources to create, present, respond, and connect to music as an art form and/or industry.

**Beginning Chorus I – IV****.5 or 1 Unit**

CIP #: 54.02110 (I)

CIP #: 54.02120 (II)

CIP #: 54.02130 (III)

CIP #: 54.02170 (IV)

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: L1; Core or elective credit

Description: Provides opportunities to develop performance skills and knowledge in ensemble singing; may include choral literature from any style period; covers analysis and theoretical studies, historical and cultural influences, and creative aspects of music. Concepts and demands found in Class C – D choral literature.

**Intermediate Choral Ensemble I – III****.5 or 1 Unit**

CIP #: 53.07210 (I)

CIP #: 53.07220 (II)

CIP #: 53.07230 (III)

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence Credit Type: L1; Core or elective credit

Description: Provides opportunities to increase intermediate-level performance skills and knowledge in ensemble choral singing; covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music; stresses individual progress and group experiences; offers smaller ensemble experiences. Concepts and demands found in Class B – C literature.

**Intermediate Chorus I – IV****.5 or 1 Unit**

CIP #: 54.02210 (I)

CIP #: 54.02220 (II)

CIP #: 54.02230 (III)

CIP #: 54.02270 (IV)

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence Credit Type: L1; Core or elective credit

Description: Provides opportunities to increase intermediate-level performance skills and knowledge in choral singing; covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music; stresses individual progress and group experiences; offers larger choral singing experiences. Concepts and demands found in Class B – C literature.

**Advanced Choral Ensemble I – IV****.5 or 1 Unit**

CIP #: 53.07310 (I)

CIP #: 53.07320 (II)

CIP #: 53.07330 (III)

CIP #: 53.07340 (IV)

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: L1 or L2; Core or elective credit

Description: Provides opportunities for advanced-level performers to increase performance skills and knowledge in ensemble choral singing; includes madrigal, notes, quartet and solo literature of all style periods; covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Concepts and demands found in Class A – B literature.

**Advanced Chorus I – IV****.5 or 1 Unit**

CIP #: 54.02310 (I)

CIP #: 54.02320 (II)

CIP #: 54.02330 (III)

CIP #: 54.02340 (IV)

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: L1 or L2; Core or elective credit

Description: Provides opportunities for advanced-level performers to increase performance skills and knowledge in choral singing; covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Concepts and demands found in Class A – B literature.

**Beginning Piano I - IV****1 Unit**

CIP #: 53.09410 (I)

CIP #: 53.09420 (II)

CIP #: 53.09430 (III)

CIP #: 53.09440 (IV)

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: Credit Type: L1; Core or elective credit

Description: Introduces basic piano keyboard techniques. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Provides an individualized setting.

**Music Work-Based Learning (WBL) Placement****.5 or 1 Unit****Music Work-Based Learning (WBL) Placement (Honors)**

CIP #: 53.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**VISUAL ARTS****Visual Arts Comprehensive I – V****.5 or 1 Unit**

CIP #: 50.02110 (I)

CIP #: 50.02120 (II)

CIP #: 50.02130 (III)

CIP #: 50.02400(IV)

CIP #: 50.02600 (V)

Prerequisite: Visual Arts Comprehensive I; Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: L1; Core or elective credit

Description: Introduces art history, art criticism, aesthetic judgment and studio production; emphasizes the ability to use elements and principles of design through a variety of media, processes and visual resources; explores master artworks for historical and cultural significance. Year II emphasizes knowledge and application of design elements. Explores different two-and three-dimensional art media and processes. Year III provides practice in applying design elements and principles of design; stresses idea development through production and creativity and through the study of master artists. Year IV provides opportunities for in-depth application of design elements and principles of design in two-and three-dimensional art media and processes.

**Visual Arts/Ceramics I – IV****1 Unit**

CIP #: 50.04110 (I)

CIP #: 50.04120 (II)

CIP #: 50.04130 (III)

CIP #: 50.04140 (IV)

Prerequisite: Visual Arts Comprehensive I; Courses must be taken in sequence

Credit Type: L1; Core or elective credit

Description: Introduces clay design by using various techniques of construction and decoration; emphasizes hand building and other forming techniques, surface decoration and glaze applications. Year II provides design techniques through hand building or throwing on the potter's wheel; introduces formulation of basic glazes and kiln firing; stresses evaluation of clay forms through art criticism. Year III presents ceramic/pottery forms in historical context; explores ideas and questions about purposes and functions of ceramic forms, past and present. Year IV emphasizes form and surface treatments using tools, glazes, resists and multiple clay bodies.

**Applied Design I****1 Unit**

CIP #: 50.04310

Prerequisite: Visual Arts Comprehensive I

Credit Type: L1; Core or elective credit

Description: Emphasizes design elements and principles in the production of applied design art products and/or designs such as architecture, advertisements, graphic designs, environmental designs, and product designs. Stresses proper use of equipment and vocabulary and technical terms. Investigates the computer and its influence on and role in creating contemporary designs. Includes a cultural and historical study of master design works of different periods and styles.

**Visual Arts/Drawing I, II****1 Unit**

CIP #: 50.03110 (I)

CIP #: 50.03120 (II)

Prerequisite: Visual Arts Comprehensive I; Courses must be taken in sequence

Credit Type: L1; Core or elective credit

Description: Explores a variety of drawing techniques and media; emphasizes basic drawing skills and critical analysis for responding to drawings of different historical styles and period; examines solutions to drawing problems.

**Visual Arts/Drawing & Painting I, II****1 Unit**

CIP #: 50.03130 (I)

CIP #: 50.03140 (II)

Prerequisite: Visual Arts Comprehensive I; Courses must be taken in sequence

Credit Type: L1; Core or elective credit

Description: Explores techniques and a range of drawing and painting media; stresses critical analysis of master paintings and drawings of different styles and historical periods; emphasizes problem-solving techniques to achieve desired results in personal work.

**Painting I****1 Unit**

CIP #: 50.03210

Prerequisite: Visual Arts Comprehensive I

Credit Type: L1; Core or elective credit

Description: Explores a variety of techniques and wide range of painting media. Emphasizes developing basic painting and critical analysis skills for responding to master paintings. Examines solutions to painting problems through the study of color theory and composition. Emphasizes the concept and development of personal style. Covers Western and non-Western cultures.

**Visual Arts/Photography I – IV****1 Unit**

CIP #: 50.07110 (I)

CIP #: 50.07120 (II)

CIP #: 50.07130 (III)

CIP #: 50.07140 (IV)

Prerequisite: Visual Arts Comprehensive I; Courses must be taken in sequence

Credit Type: L1; Core or elective credit

Description: Covers the historical development of photography and photographic design and its cultural influences. Emphasizes the basics of exposing and processing photographs; introduces 35mm photography. Stresses appropriate processing techniques and safe uses of photographic materials and equipment, as well as personal expression of ideas and depth of exploration in selected photo techniques; explores photography and photographers for historical and critical appraisal.

**Visual Arts/Advanced Placement (AP) Studio: Drawing****1 Unit**

CIP #: 50.08110

Prerequisite: Visual Arts Comprehensive I; Teacher recommendation

Credit Type: L3; Core or elective credit

Description: Provides experiences using different drawing media and approaches; designed for the student interested in the practical experiences of art. Enrollment in AP includes the commitment to take the AP exam.

**Advanced Placement (AP) Studio Art: 2-D Design Portfolio****1 Unit**

CIP #: 50.08130

Prerequisite: Visual Arts Comprehensive I; Teacher recommendation

Credit Type: L3; Core or elective credit

Description: Addresses a broad interpretation of two-dimensional design issues, including how to use the elements of design, including line, shape, illusion of space, illusion of motion, pattern and texture, and value and color. The principles of design help guide artists in making decisions about how to organize the elements on a picture plane in order to communicate content. These principles include unity/variety, balance/emphasis/rhythm, and proportional /scale. Enrollment in AP includes the commitment to take the AP exam.

**Advanced Placement (AP) Studio Art: 3-D Design Portfolio****1 Unit**

CIP #: 50.08140

Prerequisite: Visual Arts Comprehensive I; Teacher recommendation

Credit Type: L3; Core or elective credit

Description: Addresses a broad interpretation of sculptural issues in depth and space, including mass, volume, form, plane, light, and texture. Such elements and concepts can be articulated through additive, subtractive, and/or fabrication processes. A variety of approaches to representation, abstraction, and expression may be part of the student's portfolio, including traditional sculpture, architectural models, apparel, ceramics, fiber arts, or metalwork. Enrollment in AP includes the commitment to take the AP exam.

**International Baccalaureate (IB) Visual Arts, Year 1****1 Unit****International Baccalaureate (IB) Visual Arts, Year 2**

CIP #: 50.04400 (Year 1)

CIP #: 50.04500 (Year 2)

Prerequisite: Visual Arts Comprehensive I; Courses must be taken in sequence; Approval of the school IB coordinator

Credit Type: L3; Core or elective credit

Description: Study of the process, production, and analysis of visual arts in a holistic and individualistic manner; develops aesthetic, artistic and cultural knowledge of visual arts through the creative process of art production; students will be required to develop and express aesthetic judgments about works of art, understand the context within which the works were created, and investigate painting, sculpture, design, printmaking, photography and other related areas.

**Visual Arts Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

**Visual Arts Work-Based Learning (WBL) Placement (Honors)**

CIP #: 50.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**Mentorship I – IV (Honors)**

**.5 or 1 Unit**

CIP #: 70.01100 (I)

CIP #: 70.01200 (II)

CIP #: 70.01300 (III)

CIP #: 70.01400 (IV)

Prerequisite: Students must be in 11<sup>th</sup> or 12<sup>th</sup> grade and must apply (and be selected) to participate

Credit Type: L2; Elective credit

Description: Designed to meet the needs of academically able and highly motivated students, learning objectives are developed jointly by the student, community mentor, gifted program personnel and, as needed, department faculty and central office curriculum staff; the mentorship experience is designed to extend academic knowledge and skills in an area of interest in ways that are advanced well beyond the objectives typically taught at the high school level; a student contract is developed to include the specific learning goals and objectives, a plan for achieving the objectives, a proposal for a final project or product, a plan for professional presentation of the product, and the criteria by which the product will be evaluated.

**Directed Study I – IV (Honors)**

**1 Unit**

CIP #: 70.03100 (I)

CIP #: 70.03200 (II)

CIP #: 70.03300 (III)

CIP #: 70.03400 (IV)

Prerequisite: Approval of school's Gifted Coordinator

Credit Type: L2; Elective credit

Description: Allows gifted or other high-achieving students to learn academic content and skills at an advanced level; individualized learning objectives are developed jointly by the student, gifted program personnel, and high school faculty. The student develops a contract to include learning goals and objectives, a plan for achieving the objectives, and criteria by which the student's performance will be evaluated.

**Community Service Learning I – IV**

**1 Unit**

CIP #: 70.04100 (I)

CIP #: 70.04200 (II)

CIP #: 70.04300 (III)

CIP #: 70.04400 (IV)

Prerequisite: Recommendation of IEP team

Credit Type: L1; Elective credit

Description: This is a community-based class designed to meet the learning needs of students. The emphasis of these courses is on occupational preparedness, functional academics, daily living, communication, and personal-social skills.



**Health****.5 Unit**

CIP #: 17.01100

Prerequisite: None

Credit Type: L1; **Required for all students; available as E-course**

Description: Explores the mental, physical, and social aspects of life and how each contributes to total health and well-being; emphasizes safety, nutrition, mental health, substance abuse prevention, disease prevention, environmental health, family life education, consumer health, health careers and community health.

**Personal Fitness****.5 Unit****Advanced Personal Fitness**

CIP #: 36.05100 (Personal Fitness)

CIP #: 36.06100 (Advanced Personal Fitness)

Prerequisite: None

Credit Type: L1; **Required for all students; available as E-course**

Description: Focuses on developing a lifetime fitness program based on a personal fitness assessment and stresses strength, muscular endurance, flexibility, body composition and cardiovascular endurance. Includes fitness principles, nutrition, fad diets, weight control, stress management, adherence strategies and consumer information; promotes self-awareness and responsibility for fitness.

**Weight Training****.5 or 1 Unit****Weight Training (Advanced)**

CIP #: 36.05400

CIP #: 36.06400

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: L1; Elective credit only

Description: Introduces weight training; emphasizes strength development training and proper lifting techniques; includes fitness concepts for developing healthy lifetime habits. Advanced course increases strength and cardiovascular fitness through an individualized weight training program, emphasizing self-management and adherence strategies.

**Body Sculpting****.5 or 1 Unit****Body Sculpting (Advanced)**

CIP #: 36.05600

CIP #: 36.06600

Prerequisite: Courses must be taken in sequence

Credit Type: L1; Elective credit only

Description: Provides methods to redefine body shape through specific exercises. Covers weight training, conditioning exercises and proper nutrition to improve muscle tone, muscle definition, posture, bodily proportions, overall condition of the body and increase energy levels. Based on the American College of Sports Medicine guidelines for fitness and conditioning programs.

**Physical Conditioning****.5 or 1 Unit****Physical Conditioning (Advanced)**

CIP #: 36.05200

CIP #: 36.06200

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: L1; Elective credit only

Description: Enhances flexibility, muscular strength and endurance, cardiovascular endurance and body composition. Includes fitness concepts for the development of healthy lifetime habits. Advanced course enhances cardiovascular endurance, flexibility, muscular strength and endurance and body composition; emphasizes self-management and adherence strategies.

**Exercise and Weight Control****.5 or 1 Unit****Exercise and Weight Control (Advanced)**

CIP #: 36.05500

CIP #: 36.06500

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: L1; Elective credit only

Description: Provides safe, effective and physiologically sound ways to manage weight and alter body composition and metabolism; includes consumer information on products, programs and fitness concepts for developing healthy lifetime habits. The advanced course provides self-management and adherence strategies to continue weight control through a safe and effective exercise program.

**Recreational Games (Introductory)****.5 or 1 Unit****Recreational Games (Intermediate)****Recreational Games (Advanced)**

CIP #: 36.02700

CIP #: 36.03700

CIP #: 36.04700

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit T: L1; Elective credit only

Description: Introduces recreational games suitable for lifetime leisure activities, emphasizing the rules of each game and the skills necessary to play. Recreational games includes, but may not be limited to, volleyball, ultimate Frisbee, and kickball. Intermediate and Advanced courses enhance skills in Introductory course.

**Team Sports (Introductory)****.5 or 1 Unit****Team Sports (Intermediate)****Team Sports (Advanced)**

CIP #: 36.02100

CIP #: 36.03100

CIP #: 36.04100

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: L1; Elective credit only

Description: Introduces fundamental skills, strategies, and rules associated with team sports including, but not limited to, football, basketball, and soccer; intermediate class emphasizes rules of each game and skills needed to play; advanced class provides opportunities to officiate.



Students are encouraged to pursue a pathway of career interest by completing a sequence of three or four courses in a specific area. Upon completion of the pathway, students will take an end-of-pathway assessment and could possibly earn a national industry certification, or a national/state occupational certification of their technical skill attainment.

## AGRICULTURE, FOOD & NATURAL RESOURCES

The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.

### Agriculture Mechanics & Electrical Systems (L)

- Basic Agricultural Science
- Agricultural Mechanics Technology I
- Agriculture Electricity & Electric Controls

### Agriculture Mechanics Systems (L)

- Basic Agricultural Science
- Agricultural Mechanics Technology I
- Agricultural Mechanics Technology II

### Forestry/Wildlife Systems (L)

- Basic Agricultural Science
- Forest Science
- Wildlife Management

### Agriculture Mechanics/Metal Fabrication (L)

- Basic Agricultural Science
- Agricultural Mechanics Technology I
- Agricultural Metals Fabrication

### Forest Mechanical Systems (L)

- Basic Agricultural Science
- Agricultural Mechanics Technology I
- Forest Science

*Note: The third course of many pathways are rotated every other year.*

### Basic Agricultural Science

**1 Unit**

CIP #: 02.47100

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: Introduces the major areas of scientific agricultural production and research; presents introductory skills, problem solving lessons, and knowledge in agricultural science and agri-related technologies. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

### Agricultural Mechanics Technology I – II

**1 Unit**

CIP #: 01.42100

CIP #: 01.42200

Prerequisite: Basic Agricultural Science recommended

Credit Type: L1; Core or elective credit

Description: Introduces selected major areas of agricultural mechanics technology including small engine maintenance and repair, metal fabrication, concrete construction, building construction, plumbing, electrical wiring, maintenance of agricultural machinery, tractors, equipment, and soil and water conservation. Learning activities include skill development and problem-solving. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

### Agricultural Metals Fabrication

**1 Unit**

CIP #: 01.42400

Prerequisite: Basic Agricultural Science and Agricultural Mechanics Technology I recommended

Credit Type: L1; Core or elective credit

Description: Designed to provide students with a more in-depth study of agricultural metal fabrication. Students interested in agricultural mechanics will have the opportunity to explore the many career possibilities in the field of agricultural metal fabrication. Additionally, hands-on-laboratory activities enhance the classroom learning experience and provide students with the skills needed to participate in Supervised Agricultural Experience Programs and FFA Career Development Events. *Course available only at Lanier College Career Academy (LCCA).*

### Agriculture Electricity and Electric Controls

**1 Unit**

CIP #: 01.42600

Prerequisite: Basic Agricultural Science recommended

Credit Type: L1; Core or elective credit

Description: Designed to provide students with introductory level experiences in selected major areas of agricultural mechanics technology associated with the design and installation of electric motor and non-motor load electrical circuits designed for use in agricultural structures, and agricultural industry applications. Topics covered include electrical terms and theory, branch and feeder circuit design and installation, service entrance equipment selection and installation, electric motors and motor controllers, switching devices including thermostats, proximity sensors, float switches, clock timers, relays, and similar devices. *Course available only at Lanier College Career Academy (LCCA).*

### **Forest Science**

**1 Unit**

CIP #: 03.45100

Prerequisite: Basic Agricultural Science recommended

Credit Type: L1; Core or elective credit

Description: Introduces students to the principles of wildlife management and conservation and to opportunities for further education and careers in the field of wildlife biology. Course includes instruction in the history of wildlife management, ecological concepts, habitat assessment, population dynamics, predator-prey relationships, game and fish laws and regulations, hunter safety, etc. **Course meets fourth science requirement for students entering ninth grade in 2008 and later and is recognized by the Board of Regents as such.** *Course available only at Lanier College Career Academy (LCCA).*

### **Wildlife Management**

**1 Unit**

CIP #: 03.45300

Prerequisite: Basic Agricultural Science recommended

Credit Type: L1; Core or elective credit

Description: Provides entry-level skills for employment in the forest industry and for further study. The course covers establishing forests by natural and artificial means, maintaining and surveying forests, identifying and protecting trees, practicing silviculture, measuring trees and land, mapping, preparing for timber sales and harvest, employing multiple-use resource management, keeping records, and figuring taxes. *Course available only at Lanier College Career Academy (LCCA).*

### **Agriculture Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

#### **Agriculture Work-Based Learning (WBL) Placement (Honors)**

CIP #: 01.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

### **Agriscience Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

#### **Agriculture, Science & Technology Work-Based Learning (WBL) Placement (Honors)**

CIP #: 02.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

### **Natural Resources Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

#### **Agriculture, Science & Technology Work-Based Learning (WBL) Placement (Honors)**

CIP #: 03.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

Careers in designing, planning, managing, building and maintaining the built environment.

**Carpentry Pathway (J)**

- Industry Fund & Occupational Safety
- Introduction to Construction
- Carpentry I

**Heating, Vent, Air Conditioning & Refrigeration (L)**

- Industry Fund & Occupational Safety
- Introduction to HVACR Systems
- Heating, Ventilation, Air Cond, & Refrigeration

**Plumbing Pathway (J)**

- Industry Fund & Occupational Safety
- Introduction to Construction
- Plumbing I

**Electrical Pathway (J)**

- Industry Fund & Occupational Safety
- Introduction to Construction
- Electrical I

**HVACR Electrical Pathway (L)**

- Industry Fund & Occupational Safety
- Introduction to HVACR Systems
- Low Voltage Electrical

**Industry Fundamentals & Occupational Safety**

**1 Unit**

CIP #: 46.54500

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: Develops basic knowledge to function safely on or around a construction site and in the industry in general and is the foundational course that prepares students for a pursuit of any career in the fields of Carpentry, Plumbing, Electrical, Masonry, Machining, or Welding. Course includes: basic content of OSHA standards, construction math, hand and power tools used in the field, general blueprints and basics of rigging safety.

**Introduction to Construction**

**1 Unit**

CIP #: 46.54600

Prerequisite: Industry Fundamentals and Occupational Safety

Credit Type: L1; Core or elective credit

Description: Students will build on their knowledge and skills developed in Occupational Safety and will be introduced to the history and traditions of the carpentry, masonry, plumbing and electrical craft trades. Course will also include knowledge of the care and safe use of hand and power tools and the differentiation between blueprints as related to each individual craft area.

**Carpentry I**

**1 Unit**

CIP #: 46.55000

Prerequisite: Introduction to Construction

Credit Type: L1; Core or elective credit

Description: Provides an overview of the building materials used in the carpentry craft. It teaches techniques for reading and using blueprints and specifications especially as related to the carpentry craft. Includes specific knowledge and skills in site layout floor and wall framing systems. Also includes the basic industry terminology for a carpentry craftsman.

**Construction Internship**

**1 Unit**

CIP #: 46.54700

Prerequisite: Approval of Trades In Training Instructor

Credit Type: L1; Core or elective credit

Description: This course provides work-based learning experience on a job site. Students work under the supervision of an assigned company mentor who is an accomplished craft journeyman. Students have the opportunity to practice finished work and develop problem solving skills. Students practice adaptability to job equipment and technology and exhibit progressive productivity and acceptable job performance. *Trades In Training students only.*

**Electrical I****1 Unit**

CIP #: 46.56000

Prerequisite: Introduction to Construction

Credit Type: L1; Core or elective credit

Description: Builds on the concepts of electrical safety introduced in Occupational Safety; provides knowledge of the hardware and systems used by an electrical and the basic skills to install them. Also provides the knowledge and skills of: electrical systems, including series, parallel, and series-parallel circuits; the National Electrical Code; and conduit bending and installation.

**Plumbing I****1 Unit**

CIP #: 46.58000

Prerequisite: Introduction to Construction

Credit Type: L1; Core or elective credit

Description: Provides the basic knowledge needed to apply safety concepts and practices related to the plumbing trade; includes use of plumbing tools and materials, application of plumbing codes, skills needed to handle, estimate and store materials, and interpreting architectural and construction working drawings.

**Introduction to HVACR Systems****1 Unit**

CIP #: 47.41400

Prerequisite: Industry Fundamentals and Occupational Safety

Credit Type: L1; Core or elective credit

Description: Students will be introduced to two-construction craft areas. The goal of the course is to introduce students to the basic building blocks of the HVACR and Low Voltage Electrical craft trades. Students will explore how the crafts affect the mechanical systems in a building and will learn and apply knowledge of the electrical, electronic, and mechanical components related to each trade. In addition, students will be introduced to, and develop skills to differentiate between tools used in each individual craft area. *Course available only at Lanier College Career Academy (LCCA).*

**Heating, Ventilation, Air-Conditioning Refrigeration****1 Unit**

CIP #: 47.41500

Prerequisite: Introduction to HVACR Systems

Credit Type: L1; Core or elective credit

Description: This course is preceded by Introduction to HVACR Systems and provides students with a solid foundation in HVACR skills and knowledge involved with conditioning air within a given space. Students will acquire knowledge of the hardware and systems used by an HVACR technician and basic installation skills. In addition, students will obtain general knowledge of refrigeration and heating processes, including electronic circuitry, and will learn about the integration between electrical and HVACR fields. The course will provide students with an understanding of joining and piping practices in HVACR systems, as well as an introduction to the skills and knowledge of conduit bending and installation. *Course available only at Lanier College Career Academy (LCCA).*

**Low Voltage Electrical****1 Unit**

CIP #: 47.416

Prerequisite: Introduction to HVACR Systems

Credit Type: L1; Core or elective credit

Description: Provides students with a solid foundation in electrical skills and knowledge and the integration with the HVACR systems. Students will learn about installation of hardware and systems used by an HVACR technician/electrician and acquire general knowledge of electrical systems, including series, parallel, and series-parallel circuits. *Course available only at Lanier College Career Academy (LCCA).*

**Construction Technology Work-Based Learning (WBL) Placement****.5 or 1 Unit****Construction Technology Work-Based Learning (WBL) Placement (Honors)**

CIP #: 46.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**HVAC/Transportation Work-Based Learning (WBL) Placement**  
**HVAC/Transportation Work-Based Learning (WBL) Placement (Honors)**

**.5 or 1 Unit**

CIP #: 47.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**ARTS, A/V TECHNOLOGY & COMMUNICATIONS**

Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism and entertainment services.

**Audio-Video Technology & Film I (J)**

- Audio-Video Technology Film I
- Audio-Video Technology Film II
- Audio-Video Technology Film III <sup>H</sup>

**Audio-Video Technology & Film II (J)**

- Audio-Video Technology Film I
- Audio-Video Technology Film II
- Broadcast Video Applications <sup>H</sup>

**Graphic Communication Pathway <sup>H</sup> (J)**

- Introduction to Graphics and Design
- Graphic Design and Production
- Advanced Graphic Output Processes

**Graphic Design Pathway <sup>H</sup> (J)**

- Introduction to Graphics and Design
- Graphic Design and Production
- Advanced Graphic Design

**Audio-Video Technology Film I**

**1 Unit**

CIP #: 10.51810

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: The foundational course in the Audio & Video Technology & Film Pathway which helps prepares students for employment or entry into a postsecondary education program in the audio and video technology career field. Topics covered include: terminology, safety, basic equipment, script writing, production teams, production and programming, lighting, recording and editing, studio production, and professional ethics.

**Audio-Video Technology and Film II**

**1 Unit**

CIP #: 10.51910

Prerequisite: Audio-Video Technology Film I

Credit Type: L1; Core or elective credit

Description: Course is the second in a series of three that prepares students for a career in Audio Video Technology and Film production and/or to transfer to a postsecondary program for further study. Topics include Planning, Writing, Directing and Editing a Production; Field Equipment Functions; Operational Set-Up and Maintenance; Advanced Editing Operations; Studio Productions; Performance; Audio/Video Control Systems; Production Graphics; Career Opportunities; and Professional Ethics.

**Audio-Video Technology and Film III**

**1 Unit**

**Audio-Video Technology and Film III (Honors)**

CIP #: 10.52010

Prerequisite: Audio-Video Technology and Film II

Credit Type: L1; Core or elective credit

Description: This one-credit transition course is designed to facilitate student-led projects under the guidance of the instructor. Students work cooperatively and independently in all phases of production.

**Broadcast Video Applications**

**1 Unit**

**Broadcast Video Applications (Honors)**

CIP #: 10.51410

Prerequisite: Audio-Video Technology Film II

Credit Type: L1; Core or elective credit

Description: Designed to facilitate student-led projects under the guidance of the instructor, as well as provide opportunities for students to master skills necessary to gain entry level employment or to pursue a post-secondary degree or certificate. Students work cooperatively and independently in all phases of production. Topics include advanced camera techniques, audio production, scriptwriting, producing, directing, editing, employability skills, and development of a digital portfolio to include resume', references, and production samples.

**Introduction to Graphics and Design**

**1 Unit**

**Introduction to Graphics and Design (Honors)**

CIP #: 48.56100

Prerequisite: None; Teacher recommendation for honors

Credit Type: L1 or L2; Core or elective credit

Description: Introduces students to graphic communications; includes an introduction to a graphic arts career field, digital file preparation, press operations, measurement, safety & first aid, and math for printing.

**Graphic Design and Production**

**1 Unit**

**Graphic Design and Production (Honors)**

CIP #: 48.56200

Prerequisite: Introduction to Graphics and Design; Teacher recommendation for honors

Credit Type: L1 or L2; Core or elective credit

Description: Focuses on the procedures commonly used in the graphic communication and design industries. Experience in creative problem solving and the practical implementation of solutions across multiple areas of graphic communications will be gained.

**Advanced Graphic Output Processes**

**1 Unit**

**Advanced Graphic Output Processes (Honors)**

CIP #: 48.57000

Prerequisite: Graphic Design and Production

Credit Type: L1 or L2; Core or elective credit

Description: Learn to manage the output and completion process as a whole including customer relations management, printing, finishing, and binding.

**Advanced Graphic Design**

**1 Unit**

**Advanced Graphic Design (Honors)**

CIP #: 48.528

Prerequisite: Graphic Design and Production

Credit Type: L1 or L2; Core or elective credit

Description: Continue to explore the principles of design and layout procedures as they relate to graphic design. Focuses on electronic systems and software programs used in graphic design, page composition, image conversion, and digital printing.

**Arts, A/V Technology & Communications Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

**Arts, A/V Technology & Communications Work-Based Learning (WBL) Placement (Honors)**

CIP #: 10.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**Precision Production Occupations Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

**Precision Production Occupations Work-Based Learning (WBL) Placement (Honors)**

CIP #: 48.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.



## BUSINESS, MANAGEMENT & ADMINISTRATION

Careers in planning, organizing, directing and evaluating business functions essential to efficient and productive business operations.

### **Business & Technology Pathway (J)**

- Introduction to Business & Technology
- Business and Technology
- Business Communications

### **Introduction to Business & Technology**

**1 Unit**

CIP #: 07.4413

Prerequisite: None

Credit Type: L1 or L2; Core or elective credit

Description: Provides an overview of business and technology skills required for today's business environment. Knowledge of business principles, the impact of financial decisions, and technology proficiencies demanded by business combine to establish the elements of this course. Emphasis is placed on developing proficient fundamental computer skills required for all career pathways. Students will learn essentials for working in a business environment, managing a business, and owning a business. Students should be prepared to earn an industry recognized credential: Microsoft Office Specialist for Word Core Certification.

### **Business and Technology**

**1 Unit**

CIP #: 07.44100

Prerequisite: Introduction to Business & Technology

Credit Type: L1; Core or elective credit

Description: Provides students with opportunities to enhance their knowledge and skills to be an asset to the collaborative, global and innovative business world of today and tomorrow. Mastery use of spreadsheets, publishing industry appropriate documents, and the ability to apply leadership skills to make informed business decisions will be a highlight of the course.

### **Business Communications**

**1 Unit**

CIP #: 07.45100

Prerequisite: Intro to Business & Technology recommended

Credit Type: L1; Core or elective credit

Description: The digital presence and impact of written and visual communication in a technological society will be addressed. Students will create, edit, and publish professional-appearing business documents with clear and concise communication. Creative design, persuasive personal and professional communications will be applied through research, evaluation, validation, written, and oral communication. Leadership development and teamwork skills will be stressed as students work independently and collaboratively. Presentation skills will be developed and modeled for students master presentation software in this course.

### **Business Management Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

#### **Business Management Work-Based Learning (WBL) Placement (Honors)**

CIP #: 06.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

### **Business Computer Science Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

#### **Business Computer Science Work-Based Learning (WBL) Placement (Honors)**

CIP #: 07.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

## EDUCATION & TRAINING

Planning, managing and providing education and training services, and related learning support services such as administration, teaching/training, administrative support, and professional support services.

### **Early Childhood Care & Education Pathway\* (J)**

- Early Childhood Education I
- Early Childhood Education II
- Early Childhood Education III

*\* Beginning in school year 2017-18, students will earn one unit of credit in Food for Life with successful completion of all three courses in the Early Childhood Care & Education Pathway. All three courses must be completed while enrolled in the Hall County School District. A grade of "P" (Pass) will be awarded.*

### **Early Childhood Education I**

**1 Unit**

CIP #: 20.5281

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: The foundational course in the Early Childhood pathway and addresses the knowledge, skills, attitudes, and behaviors associated with supporting and promoting optimal growth and development of infants and children.

### **Early Childhood Education II**

**1 Unit**

CIP #: 20.42400

Prerequisite: Early Childhood Education I

Credit Type: L1; Core or elective credit

Description: Provides a history of education, licensing and accreditation requirements, and foundations of basic observation practices and applications. Early childhood care, education, and development issues are also addressed and include health, safety, and nutrition education; certification in CPR/First Aid/Fire Safety; information about child abuse and neglect; symptoms and prevention of major childhood illnesses and diseases; and prevention and control of communicable illnesses.

### **Early Childhood Education III**

**1 Unit**

CIP #: 20.42500

Prerequisite: Early Childhood Education II

Credit Type: L1; Core or elective credit

Description: The course provides in-depth study of early brain development and its implications for early learning, appropriate technology integration, and developmentally appropriate parenting and child guidance trends. Also addressed are collaborative parent/teacher/child relationships and guidance, child directed play, the changing dynamics of family culture and diversity, the causes and effects of stress on young children, and infant nutrition.

### **Education & Training Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

#### **Education & Training Work-Based Learning (WBL) Placement (Honors)**

CIP #: 13.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

### **Early Childhood/Culinary Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

#### **Early Childhood/Culinary Work-Based Learning (WBL) Placement (Honors)**

CIP #: 20.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course  
Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

## FINANCE

Planning and related services for financial and investment planning, banking, insurance, and business financial management.

**Business Computer Science Work-Based Learning (WBL) Placement** **.5 or 1 Unit**  
**Business Computer Science Work-Based Learning (WBL) Placement (Honors)**

CIP #: 07.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

## GOVERNMENT AND PUBLIC ADMINISTRATION

Planning and executing government functions at the local, state and federal levels, including governance, national security, foreign service, planning, revenue and taxation, and regulations.

### Public Management and Administration Pathway (L)

- Introduction to Government and Public Administration
- Government Public Administration: State and Federal Issues
- Government Public Administration: Local and State Issues

**Introduction to Government and Public Administration** **1 Unit**  
**Introduction to Government and Public Administration (Honors)**

CIP #: 29.41000

Prerequisite: None

Credit Type: L1 or L2; Core or elective credit; **beginning in 2022-23, students who earn 1 unit of credit for this course may also receive 1 unit of credit for American Government/Civics, CIP #: 45.05700 earning the same grade for both courses**

Description: Foundational course for the Public Management and Administration Pathway and introduces students to the introductory knowledge and technical skills of working in public service and serving the general public in a government or public administration career. Topics will include identifying personal strengths and weaknesses and include oral and written communication skills, critical thinking for problem solving, developing leadership and teamwork skills, employability skills, and technical skills for this career cluster.

**Government Public Administration: State and Federal Issues** **1 Unit**  
**Government Public Administration: State and Federal Issues (Honors)**

CIP #: 29.41100

Prerequisite: None

Credit Type: L1 or L2; Core or elective credit; **beginning in 2022-23, students who earn 1 unit of credit for this course may also receive 1 unit of credit for Introduction to U.S. Intelligence and National Security Studies, CIP #: 45.06000 earning the same grade for both courses**

Description: This course will look at the roles of the state and federal governments, state agencies, and public administrations to support and sustain services and resources. Topics will include the role of government in providing services for the U.S. population; the impact the U.S. will have on other nations and in turn their impact on the United States. The professional traits required of those working in this field to be prepared for safety, health, environmental, as well as creating publicity materials, public relations and working with media.

**Government Public Administration: Local and State Issues** **1 Unit**  
**Government Public Administration: Local and State Issues (Honors)**

CIP #: 29.41200

Prerequisite: None

Credit Type: L1 or L2; Core or elective credit; **beginning in 2022-23, students who earn 1 unit of credit for this course may also receive 1 unit of credit for Personal Finance and Economics, CIP #: 45.06100 earning the same grade for both courses**

Description: This course applies the skills needed in government and public administration professions, including the application of leadership and teamwork within the classroom. Topics may include working within budgets, negotiation/communication with co-workers, developing proposals, making oral presentations and appropriate responses to workplace situations based on legal and ethical considerations. Students will complete an independent research project that applies to a government and public administration career. Students will be required to make a written and oral presentation at the end of the course summarizing their research project and submit an updated career portfolio.

#### **Public Management and Administration (WBL) Placement**

**.5 or 1 Unit**

#### **Public Management and Administration Work-Based Learning (WBL) Placement (Honors)**

CIP #: 29.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

#### **JROTC (WBL) Placement**

**.5 or 1 Unit**

#### **JROTC Work-Based Learning (WBL) Placement (Honors)**

CIP #: 28.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

### **HEALTH SCIENCE**

Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

#### **Therapeutic Serv-Allied Health & Medicine <sup>H</sup> (J)**

- Introduction to Healthcare Science
- Essentials of Healthcare
- Allied Health & Medicine

#### **Therapeutic Serv-Emergency Med Responder <sup>H</sup> (J)**

- Introduction to Healthcare Science
- Essentials of Healthcare
- Emergency Medical Responder

#### **Therapeutic Services-Patient Care (J)**

- Introduction to Healthcare Science
- Essentials of Healthcare
- Patient Care Fundamentals

*Note: The third course of many pathways are rotated every other year.*

#### **Introduction to Healthcare Science**

**1 Unit**

#### **Introduction to Healthcare Science (Honors)**

CIP #: 25.521

Prerequisite: None

Credit Type: L1 or L2; Core or elective credit

Description: The foundational course for all Health Science pathways. This course will enable students to receive initial exposure to the many Healthcare Science careers as well as employability, communication, and technology skills necessary in the healthcare industry. The concepts of human growth and development, interaction with patients and family members, health, wellness, and preventative care are evaluated, as well as the legal, ethical responsibilities of today's healthcare provider. Fundamental healthcare skills development is initiated including microbiology, basic life support and first aid.

**Essentials of Healthcare****1 Unit****Essentials of Healthcare (Honors)**

CIP #: 25.44000

Prerequisite: Introduction to Healthcare Science

Credit Type: L1 or L2; Core or elective credit; **course meets fourth science requirement for students entering ninth grade in 2008 and later and is recognized by the Board of Regents as such; beginning in 2015, students who earn 1 unit of credit for this course may also receive 1 unit of credit for Human Anatomy and Physiology, CIP #: 26.07300 earning the same grade for both courses**

Description: Anatomy and Physiology is a vital part of most healthcare post-secondary education programs. The Essentials of Healthcare is a medical-focused anatomy course addressing the physiology of each body system, along with the investigation of common diseases, disorders and emerging diseases. The prevention of disease and the diagnosis and treatment that might be utilized are addressed, along with medical terminology related to each system.

**Patient Care Fundamentals****1 Unit**

CIP #: 25.43600

Prerequisite: Introduction to Healthcare Science &amp; Essentials of Healthcare

Credit Type: L1; Core or elective credit

Description: Designed to provide students interested in the careers that involve patient care with entry level skills most commonly associated with the career Nursing Assistant.

**Emergency Medical Responder****1 Unit****Emergency Medical Responder (Honors)**

CIP #: 25.45000

Prerequisite: Introduction to Healthcare Science

Credit Type: L1; Core or elective credit

Description: Prepares the student to provide initial stabilizing care to the sick or injured prior to the arrival of Emergency Medical Services Professionals (EMS), and to assist EMS personnel in transporting patients for definitive care at an appropriate hospital/facility. Major areas of instruction include Introductory Medical Terminology and Anatomy & Physiology; Responder Safety; Incident Command; Blood-borne Pathogen Training; Basic Physical Assessment; and Treatment of Trauma and Medical Emergencies; Cardiopulmonary Resuscitation and the use of Automatic External Defibrillators (AEDs).

**Allied Health and Medicine****1 Unit****Allied Health and Medicine (Honors)**

CIP #: 25.43700

Prerequisite: Essentials of Healthcare

Credit Type: L1 or L2; Core or elective credit

Description: This course is designed to offer students (preferably upper classmen - juniors or seniors) the opportunity to become effective and efficient multi-skilled healthcare providers as they develop a working knowledge of various allied health opportunities.

**Health Science Technology Work-Based Learning (WBL) Placement****.5 or 1 Unit****Health Science Technology Work-Based Learning (WBL) Placement (Honors)**

CIP #: 25.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**HOSPITALITY AND TOURISM**

Preparing individuals for employment in career pathways that relate to families and human needs such as restaurant and food/beverage services, lodging, travel and tourism, recreation, amusement and attractions.

**Baking & Pastry (L)**

- Introduction to Culinary Arts
- Baking & Pastry I
- Baking & Pastry II

**Culinary Arts Pathway\* (L)**

- Introduction to Culinary Arts
- Culinary Arts I
- Culinary Arts II

**Hospitality, Recreation & Tourism Pathway (L)**

- Marketing Principles
- Hospitality, Recreation & Tourism Essentials <sup>H</sup>
- Hospitality, Recreation/Tourism Management <sup>H</sup>

*\* Beginning in school year 2017-18, students will earn one unit of credit in Food Science with successful completion of all three courses in the Culinary Arts Pathway. All three courses must be completed while enrolled in the Hall County School District. A grade of "P" (Pass) will be awarded.*

**Marketing Principles****1 Unit**

CIP #: 08.47400

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: The foundational course for Marketing pathways and addresses all the ways in which marketing satisfies consumer and business needs and wants for products and services. Students develop a basic understanding of Employability, Foundational and Business Administration skills, Economics, Entrepreneurship, Financial Analysis, Human Resources Management, Information Management, Marketing, Operations, Professional Development, Strategic Management, and Global Marketing strategies.

**Hospitality, Recreation & Tourism Essentials****1 Unit****Hospitality, Recreation & Tourism Essentials (Honors)**

CIP #: 08.45300

Prerequisite: None; Honors requires recommendation of Hospitality teacher

Credit Type: L1; Core or elective credit

Description: Focuses on the basics of marketing and business in relation to the hospitality, recreation, and tourism industry in the U.S. and abroad. Students will study destination geography, world economies, and historical timelines related to major segments of the hospitality industry and will determine how the lodging industry uses marketing to achieve goals. The vital roles of group, convention and meeting planning, human relations, communications and ethics will be discussed along with the recreation industry segment. *Course available only at Lanier College Career Academy (LCCA).*

**Hospitality, Recreation & Tourism Management****1 Unit****Hospitality, Recreation & Tourism Management (Honors)**

CIP #: 08.45400

Prerequisite: Hospitality, Recreation &amp; Tourism Essentials; Honors requires recommendation of Hospitality teacher

Credit Type: L1 or L2; Core or elective credit

Description: Analyze operations, control systems, management structures, service levels, cost effective operations and related technology in the hospitality industry. Demonstrate skills in handling legal and liability issues and human resources functions and develop an innate understanding that exemplary customer service skills define success in the industry. *Course available only at Lanier College Career Academy (LCCA).*

**Marketing Research (Marketing Applications in Hospitality or Advertising)****1 Unit**

CIP #: 08.480

Prerequisite: Marketing Principles or approval of instructor; Honors requires recommendation of Hospitality/Advertising teacher

Credit Type: L1 or L2; Core or elective credit

Description: Students will gain an understanding of marketing research and the important role it plays in the field of hospitality or advertising. By using primary and secondary research, the students will learn the value of knowing the customer, be able to identify a viable target market, and then create and execute a marketing plan stemming from the research. Students will learn to examine collection methods, control groups, and other important aspects of conducting research within the context of the hospitality or advertising industry. Student research, experimentation, and results will be applied to the running of a business. *Course available only at Lanier College Career Academy (LCCA).*

**Hospitality Practicum****.5 or 1 Unit**

CIP #: 08.7XXX0X3

Prerequisite: Application process required

Credit Type: L1; Core or elective credit

Description: Introduces students to the hospitality industry through hands-on rotations in business settings related to the hotel, food, tourism, travel, and recreation industries. Exposes students to general business and marketing responsibilities needed for success in the hospitality industry. Students will work with community and business leaders from around the state in real business situations in the Meetings & Events conference facility, Get Gifted specialty retail store, and the Sales & Marketing Department of The Oaks. *Course available only at Lanier College Career Academy (LCCA).*

**Marketing, Sales & Service Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

**Marketing, Sales & Service Work-Based Learning (WBL) Placement (Honors)**

CIP #: 08.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**Introduction to Culinary Arts**

**1 Unit**

CIP #: 20.53100

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: Introduces fundamental food preparation terms, concepts, and methods where laboratory practices parallel class work. Fundamental techniques, skills, and terminology are covered with an emphasis on basic kitchen and dining room safety, sanitation, equipment maintenance and operation procedures. Course also provides an overview of the professionalism in the industry and career opportunities leading to a career pathway in Culinary Arts. *Course available only at Lanier College Career Academy (LCCA). Students will be expected to follow dress protocol for culinary lab participation.*

**Culinary Arts I**

**1 Unit**

CIP #: 20.53210

Prerequisite: Introduction to Culinary Arts + ServSafe Handler Certification

Credit Type: L1; Core or elective credit

Description: Building from techniques and skills learned in Introduction to Culinary Arts, this fundamentals course begins to involve in-depth knowledge and hands on skill master of Culinary Arts. *Course available only at Lanier College Career Academy (LCCA). Students will be expected to follow dress protocol for culinary lab participation.*

**Culinary Arts II**

**1 Unit**

CIP #: 20.53310

Prerequisite: Culinary Arts I

Credit Type: L1; Core or elective credit

Description: Course build on techniques and skills learned in Culinary Arts I with strong importance given to refining hands on production of the classic fundamentals in the commercial kitchen. *Course available only at Lanier College Career Academy (LCCA). Students will be expected to follow dress protocol for culinary lab participation.*

**Baking & Pastry I**

**1 Unit**

CIP #: 20.XXXXX

Prerequisite: Intro to Culinary Arts

Credit Type: L1; Core or elective credit

Description: Course will provide an in-depth study of baking and pastry arts. Areas of study include baking terminology, tool and equipment use, formula conversions, functions of ingredients, and methods used in creating breads, pastries, cookies, and other desserts. *Course available only at Lanier College Career Academy (LCCA). Students will be expected to follow dress protocol for culinary lab participation.*

**Baking & Pastry II**

**1 Unit**

CIP #: 20.XXXXX

Prerequisite: Baking I

Credit Type: L1; Core or elective credit

Description: This advanced and rigorous course is designed for the student who is continuing in the Baking and Pastry Pathway and wish to continue their education at the postsecondary level or enter the food-service industry. Strong importance is given to refining hands-on production of the classic fundamentals in the commercial kitchen. *Course available only at Lanier College Career Academy (LCCA). Students will be expected to follow dress protocol for culinary lab participation.*

#### **Culinary Practicum**

**.5 or 1 Unit**

CIP #: 20.7XXX0X3

Prerequisite: Completion of the Culinary Arts Pathway courses

Credit Type: L1; Core or elective credit

Description: Introduces students to the culinary industry through hands-on rotations in business settings. Exposes students to general responsibilities needed for success in the culinary industry and continues to build on techniques and skills needed in the commercial kitchen. *Course available only at Lanier College Career Academy (LCCA). Students will be expected to follow dress protocol for culinary lab participation.*

#### **Culinary/Early Childhood Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

#### **Culinary/Early Childhood Work-Based Learning (WBL) Placement (Honors)**

CIP #: 20.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

### **HUMAN SERVICES**

Preparing individuals for employment in career pathways that relate to families and human needs such as counseling and mental health services, family and community services, personal care, and consumer services.

#### **Personal Care Services-Cosmetology (I)**

- Intro to Personal Care Services
- Cosmetology Services II
- Cosmetology Services III

#### **Introduction to Personal Care Services**

**1 Unit**

CIP #: 12.544

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: Introduces both fundamental theory and practices of the personal care professions including nail technicians, estheticians, barbers, and cosmetologists. Emphasis will be placed on professional practices and safety. Areas addressed in this course include: state rules and regulations, professional image, bacteriology, decontamination and infection control, chemistry fundamentals, safety, Hazardous Duty Standards Act compliance, and anatomy and physiology. Students will experience basic hands on skills in each area to help them determine the pathway they are most interested in pursuing. *Course available only at Lanier College Career Academy (LCCA).*

#### **Cosmetology Services II**

**1 Unit**

CIP #: 12.41000

Prerequisite: Introduction to Personal Care Services; courses must be taken in sequence

Credit Type: L1; Core or elective credit

Description: Designed to enhance the understanding of anatomy of the skin and hair relating to the Cosmetology Industry. Students will master shampooing, permanent waving, haircutting, basic skin care, and make-up application while maintaining safety and sanitation in the workplace set forth by OSHA standards. *Course available only at Lanier College Career Academy (LCCA).*

#### **Cosmetology Services III**

**1 Unit**

CIP #: 12.41100

Prerequisite: Cosmetology Services II; courses must be taken in sequence

Credit Type: L1; Core or elective credit



Description: Course will cover haircutting, hair color, and relaxers. Both theory and practical work will be implemented for students to have basic entry level skills in the field of cosmetology. Safety and infection control will be applied throughout this course. Professional work ethics, communication skills, critical thinking skills, soft skills and professional image will be utilized during this course. *Course available only at Lanier College Career Academy (LCCA).*

#### **Cosmetology Services IV**

**1 Unit**

CIP #: 12.41200

Prerequisite: Cosmetology Services III

Credit Type: L1; Core or elective credit

Description: Designed to increase knowledge and skills in cosmetology competencies including, advanced hair color techniques, color correction, haircutting, hairstyling, facials, waxing, lash and brow tint and nail services. *Course available only at Lanier College Career Academy (LCCA).*

#### **Personal Services Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

##### **Personal Services Work-Based Learning (WBL) Placement (Honors)**

CIP #: 12.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

#### **Early Childhood/Culinary Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

##### **Early Childhood/Culinary Work-Based Learning (WBL) Placement (Honors)**

CIP #: 20.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

### **INFORMATION TECHNOLOGY**

Building linkages in Information Technology occupations for entry level, technical, and professional careers related to the design, development, support and management of hardware, software, multimedia and systems integration services.

#### **Cybersecurity Pathway (J)**

- Intro to Digital Technology **OR** Intro to Hardware Technology
- Introduction to Cybersecurity
- Advanced Cybersecurity

*Note: The third course of many pathways are rotated every other year.*

#### **Introduction to Hardware Technology**

**1 Unit**

##### **Introduction to Hardware Technology (Honors)**

CIP #: 11.448

Prerequisite: None

Credit Type: L1 or L2; Core or elective credit

Description: Foundational course for Cybersecurity pathway. Designed for high school students to understand, communicate, and adapt to a digital world as it impacts their personal lives, society, and the business world. Exposure to foundational knowledge in hardware, IT support, networks, and cybersecurity are all taught in a computer lab with hands-on activities and project-focused tasks. Students will not only understand the concepts but apply their knowledge to situations and defend their actions/decisions/choices through the knowledge and skills acquired in this course.

#### **Introduction to Cybersecurity**

**1 Unit**

CIP #: 11.48100

Prerequisite: None

Credit Type: L1 or L2; Core or elective credit

Description: This course is designed for high school students to understand, communicate, and adapt to a digital world as it impacts their personal life, society, and the business world. Exposure to foundational knowledge in programming languages, software development, app creation, and user interfacing applications are all taught in a computer lab with hands-on activities and project-focused tasks.

**Advanced Cybersecurity**

**1 Unit**

CIP #: 11.482

Prerequisite: None

Credit Type: L1 or L2; Core or elective credit

Description: Designed to provide students the advanced concepts and terminology of cybersecurity. The course explores the field of cybersecurity with updated content including new innovations in technology and methodologies. It builds on existing concepts introduced in Introduction to Cybersecurity and expands into malware threats, cryptography, organizational security, and wireless technologies.

**Information Technology Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

**Information Technology Work-Based Learning (WBL) Placement (Honors)**

CIP #: 11.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**LAW, PUBLIC SAFETY & SECURITY**

Prepares students with basic knowledge and skills for careers in the public safety and protective services.

**Law, Public Safety & Security Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

**Law, Public Safety & Security Work-Based Learning (WBL) Placement (Honors)**

CIP #: 43.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**MANUFACTURING**

Prepares students to plan, manage, and perform the processing of materials into intermediate or final products and maintenance for manufacturing/process engineering.

**Science, Technology, Engineering & Mathematics Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

**Science, Technology, Engineering & Mathematics Work-Based Learning (WBL) Placement (Honors)**

CIP #: 21.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**Precision Production Occupations Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

**Precision Production Occupations Work-Based Learning (WBL) Placement (Honors)**

CIP #: 48.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

## MARKETING, SALES & SERVICE

Planning, managing, and performing marketing activities to reach organizational objectives such as brand management, professional sales, merchandising, marketing communications and market research.

### Fashion Merchandising/Retail Management (L)

- Marketing Principles
- Fashion Merc & Retailing Essentials
- Adv Fashion, Merchandising & Retailing

### Marketing Comm & Promotion Pathway (L)

- Marketing Principles
- Promotional and Digital Marketing
- Integrated Marketing Communications

### Marketing Principles

1 Unit

CIP #: 08.474

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: Description: The foundational course for Marketing pathways and addresses all the ways in which marketing satisfies consumer and business needs and wants for products and services. Students develop a basic understanding of Employability, Foundational and Business Administration skills, Economics, Entrepreneurship, Financial Analysis, Human Resources Management, Information Management, Marketing, Operations, Professional Development, Strategic Management, and Global Marketing strategies.

### Fashion, Merchandising and Retailing Essentials

1 Unit

CIP #: 08.42100

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: Introduces students to the retail industry including the fundamentals of fashion marketing, key marketing concepts essential to every business, types of businesses involved in the industry, and an array of career opportunities. Students will develop skills in such areas as fashion economics, marketing segmentation and target marketing, product selection and buying, and inventory. *Course available only at Lanier College Career Academy (LCCA).*

### Advanced Fashion, Merchandising and Retailing Essentials

1 Unit

CIP #: 08.42200

Prerequisite: Fashion, Merchandising and Retailing Essentials

Credit Type: L1; Core or elective credit

Description: Focuses on the application of knowledge and the performance of key skills required in a retail environment. Students will develop skills necessary for managing the following elements: pricing, visual merchandising, advertising, special promotions, professional sales, and customer service. *Course available only at Lanier College Career Academy (LCCA).*

### Promotional and Digital Marketing

1 Unit

CIP #: 08.45100

Prerequisite: None; courses may be taken concurrently

Credit Type: L1; Core or elective credit

Description: This course focuses on the performance of key responsibilities required in a retail environment. Students develop skills in pricing, visual merchandising, advertising, special promotions, professional sales, and customer service.

### Integrated Marketing Communications

1 Unit

CIP #: 08.45200

Prerequisite: None; courses may be taken concurrently

Credit Type: L1; Core or elective credit

Description: Focuses on the communication aspects of the business in relation to customer/consumer relationships. Students develop knowledge and skills in advertising, direct marketing, public relations, sales promotions, and digital marketing communications. Students learn how communications affects budget considerations, marketing information decision-making and all future business opportunities.

**Marketing Research [Marketing Applications in Hospitality or Advertising]**

**1 Unit**

**Marketing Research [Marketing Applications in Hospitality or Advertising] (Honors)**

CIP #: 08.480

Prerequisite: Marketing Principles or approval of instructor; Honors requires recommendation of Hospitality/Advertising teacher

Credit Type: L1 or L2; Core or elective credit

Description: Students will gain an understanding of marketing research and the important role it plays in the field of hospitality or advertising. By using primary and secondary research, the students will learn the value of knowing the customer, be able to identify a viable target market, and then create and execute a marketing plan stemming from the research. Students will learn to examine collection methods, control groups, and other important aspects of conducting research within the context of the hospitality or advertising industry. Student research, experimentation, and results will be applied to the running of a business. *Course available only at Lanier College Career Academy (LCCA).*

**Design, Marketing/Business Management Practicum**

**1 Unit**

CIP #: 08.7XXX0X3

Prerequisite: Application process required

Credit Type: L1; Core or elective credit; courses are designed as yearlong courses

Description: If you have successfully completed a marketing, business, graphic design, or visual arts class, this course is for you! Students will work together in the Design 360 Promotions Lab, Get Gifted or Corner Café at LCCA to operate a small business on a daily basis. Students will work with real customers in the design, management, and production of printed t-shirts, embroidery, banners, and many other promotional items or work in Get Gifted and Corner Café performing specific tasks. Students will be challenged and empowered to manage and grow the Design 360, Get Gifted or Corner Café business, while developing important workplace skills as they learn outside of a traditional classroom. Each student will hold variety of "jobs" within the business including graphic design, new product development, business management, production and operations, marketing, customer service, and finance; *course available only at Lanier College Career Academy (LCCA).*

**Marketing, Sales & Service Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

**Marketing, Sales & Service Work-Based Learning (WBL) Placement (Honors)**

CIP #: 08.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

<b>SCIENCE, TECHNOLOGY, ENGINEERING &amp; MATHEMATICS</b>
-----------------------------------------------------------

Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.

**Science, Technology, Engineering & Mathematics Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

**Science, Technology, Engineering & Mathematics Work-Based Learning (WBL) Placement (Honors)**

CIP #: 21.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**Precision Production Occupations Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

**Precision Production Occupations Work-Based Learning (WBL) Placement (Honors)**

CIP #: 48.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

### TRANSPORTATION, DISTRIBUTION & LOGISTICS

The planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

#### **HVAC/Transportation Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

#### **HVAC/Transportation Work-Based Learning (WBL) Placement (Honors)**

CIP #: 47.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

### CAREER EXPLORATION

#### **Jobs for Georgia Graduates Work Ethics I**

**1 Unit**

CIP #: 32.04100

Prerequisite: Approval of JGG Coordinator

Credit Type: L1; Elective credit only

Description: A specialized program for targeted youth, the classroom instruction includes life skills, training, remediation, career exploration, decision making and goal setting. During the summer months, summer school and special activities are planned for each student. *Course available only at Johnson High School (JHS).*

#### **Jobs for Georgia Graduates Work Ethics II**

**1 Unit**

CIP #: 32.04200

Prerequisite: Approval of JGG Coordinator

Credit Type: L1; Elective credit only

Description: A specialized program for targeted youth, the classroom instruction includes detailed career planning, self-awareness, team building, remediation, job shadowing and career selection. *Course available only at Johnson High School (JHS).*

#### **Jobs for Georgia Graduates Work Ethics III**

**1 Unit**

CIP #: 32.04300

Prerequisite: Approval of JGG Coordinator

Credit Type: L1; Elective credit only

Description: A specialized program for targeted youth, the classroom instruction includes job attainment skills, money management, values clarification, remediation, and social development. *Course available only at Johnson High School (JHS).*

#### **Jobs for Georgia Graduates Work Ethics IV**

**1 Unit**

CIP #: 32.04400

Prerequisite: Approval of JGG Coordinator

Credit Type: L1; Elective credit only

Description: A specialized program for targeted youth, the classroom instruction includes workplace competencies, job survival training, resume writing, communication skills, economic empowerment and remediation. *Course available only at Johnson High School (JHS).*

#### **Workforce Ready Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

#### **Workforce Ready Work-Based Learning (WBL) Placement (Honors)**

CIP #: 32.7XXX0XX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

## PERSONAL, INTERPERSONAL, & SOCIAL SKILLS

### **SAT Preparation**

**.5 or 1 Unit**

CIP #: 35.06600

Prerequisite: None

Credit Type: L1; Elective credit only

Description: Introduces methods to improve SAT testing. SAT content and test taking strategies are emphasized.

### **Tools for College Success I**

**.5 or 1 Unit**

CIP #: 35.06700

Prerequisite:

Credit Type: L1; Elective credit

Description: Focuses on strategies to improve success at the post-secondary level including note taking, test-taking strategies, problem solving, time management, decision making, goal setting, organizational skills and study habits. Test preparation for post-secondary admissions emphasized. Guidance and advisement provided to support seamless transition to post-secondary setting.

### **High School Transition IV**

**.5 or 1 Unit**

CIP #: 35.06800

Prerequisite: Approval of the school Instructional Coordinator

Credit Type: L1; Elective credit

Description: Focuses on strategies to improve success at the secondary level including note taking, test taking, time management, problem solving, decision making, active listening, goal setting, organizational skills, study habits, learning styles and learning strategies. Reading and writing with a focus on higher order thinking will also be emphasized along with the development of self-advocacy skills that support a successful secondary career.

### **International Baccalaureate (IB) Theory of Knowledge (TOK)**

**.5 or 1 Unit**

CIP #: 35.07100 (Year 1)

CIP #: 35.07200 (Year 2)

Prerequisite: Approval of the school IB Coordinator

Credit Type: L3; Core or elective credit

Description: TOK is a required interdisciplinary study within the IB curriculum. Students engage in critical reflection and analysis as they explore relationships and philosophical perspectives across multiple disciplines to stimulate reflection on the knowledge and the experience of students both in and outside the classroom. The course challenges students to question the basis of knowledge, to be aware of subjective and ideological biases, and to develop a personal mode of thought based on analysis of evidence and expressed in rational arguments. A group oral presentation and an essay written on prescribed topics form TOK's assessment research projects and an oral play analysis.

### **Peer Facilitation I – IV**

**.5 or 1 Unit**

CIP #: 35.04100 (I)

CIP #: 35.04200 (II)

CIP #: 35.04300 (III)

CIP #: 35.04400 (IV)

Prerequisite: None

Credit Type: L1; Elective credit only

Description: Introduces peer facilitation through a focus on goal setting and self-determination.

### **Social Skills I – IV**

**1 Unit**

CIP #: 35.05100 (I)

CIP #: 35.05200 (II)

CIP #: 35.05300 (III)

CIP #: 35.05400 (IV)

Prerequisite: Courses must be taken in sequence

Credit Type: L1; Elective credit only

Description: Course addresses social-emotional needs of students including peer relations, problem-solving and conflict resolution. Methods introduced to improve decision-making, problem solving, and interpersonal skills. Emphasizes rule compliance and social-emotional competence; identifying personal strengths and weaknesses, communication skills and adjusting to new expectations.

**Study Skills I – IV****.5 or 1 Unit**

CIP #: 35.061 (I)

CIP #: 35.062 (II)

CIP #: 35.063 (III)

CIP #: 35.064 (IV)

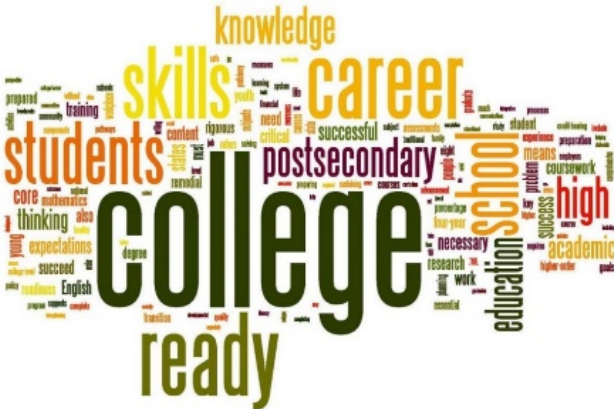
Prerequisite: Courses must be taken in sequence

Credit Type: L1; Elective credit only

Description: Methods to improve note taking, test taking, time-management, problem solving, decision-making, active-listening, goal-setting, and organizational skills. Study Skills I stresses study habits, learning styles and learning strategies to make a smooth transition from middle school to high school. Study Skills II emphasizes applying skills in content specific areas and improving reading and writing skills. Study Skills III emphasizes preparation for the high school exit exam; stresses higher-order thinking and test taking skills. Study Skills I-IV emphasizes goal-setting and self-advocacy skills for successful transition to a post-secondary setting.



COURSES ADDED TO PLANNING GUIDE FOLLOWING INITIAL RELEASE (IF APPLICABLE)	

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**Don't Delay – Start Planning for Your Future TODAY!**



# DUAL ENROLLMENT

## CERTIFICATE PROGRAMS

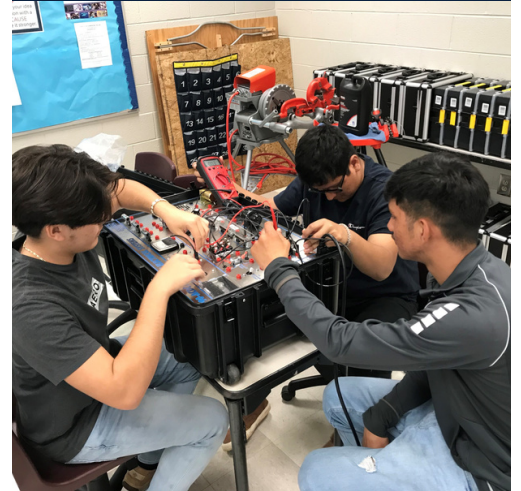
- Automotive Collision Repair Asst I
- Basic Marine Engine Technician
- Basic Shielded Metal Arc Welder
- Criminal Justice
- Design & Media Production
- Diesel Electrical Systems Technician
- Early Childhood Care & Education Basics
- Esthetics
- Gas Metal Arc Welder
- Industrial Electrician
- Prep Cook
- Salon & Spa Support

Certificate programs are offered in partnership with Lanier Technical College.

## REQUIREMENTS

- **HS GPA 2.0**
- OR
- **ACT**  
English 13  
Math 17  
Reading 14
- **ACCUPLACER**  
Reading 224  
Writing 236  
Arithmetic 229
- **PSAT**  
Reading 22  
Writing 23  
Math 20
- **SAT**  
Reading 24  
Writing 25  
Math 22

## CONTACT



For questions about requirements, the application process, or certificate programs offered, contact Lisa McDowell, Hall County College & Career Coordinator, at [lisa.mcdowell@hallco.org](mailto:lisa.mcdowell@hallco.org).

[lcca.hallco.org/dual-enrollment](http://lcca.hallco.org/dual-enrollment)

## LCCA IS A SITE LOCATION OF LANIER TECHNICAL COLLEGE.

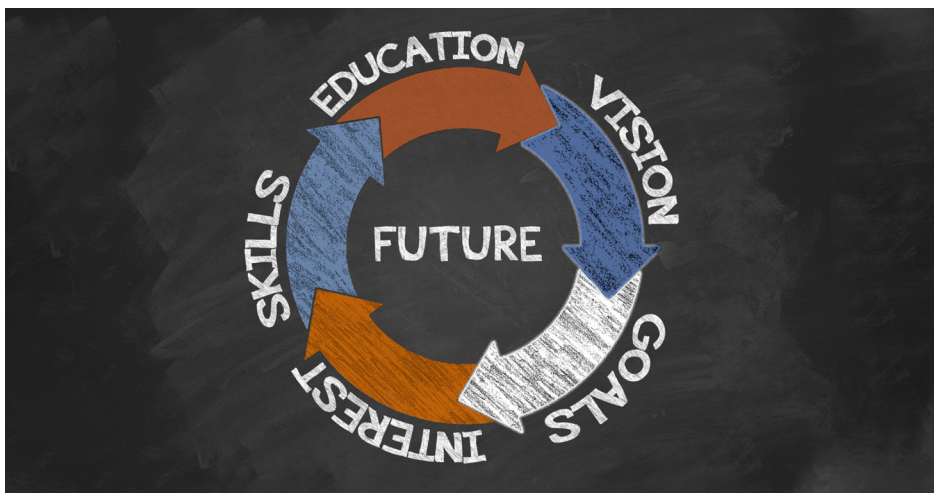


For more information about on campus program offerings, visit [laniertech.edu](http://laniertech.edu).

# HALL COUNTY SCHOOLS *High School Planning Guide*

COURSES | PROGRAMS | PATHWAYS

*Character, Competency, Rigor... For All*



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Nath Morris, Vice-Chairman, North Hall District, Post 4  
Debra Smith, East Hall District, Post 1  
Mark Pettit, South Hall District, Post 2  
Bill Thompson, County At-Large, Post 5

**Mr. William Schofield, Superintendent**

**Mr. Kevin Bales, Deputy Superintendent, Teaching & Learning**

The Hall County Board of Education is an equal opportunity employer and does not discriminate on the basis of race, color, national origin, age, religion, handicapping condition, or sex in its educational programs or employment. Mr. Stan Lewis is the Title IX Coordinator. Dr. Betsy Ainsworth is the Americans with Disabilities Coordinator. Mrs. Tamara Etterling is the Section 504 Coordinator.

## Direct inquiries to the Hall County Board of Education

711 Green Street, Gainesville, GA 30501-0298  
Tel. 770-534-1080  
Fax 770-535-7404  
Website: [www.hallco.org](http://www.hallco.org)

## Cherokee Bluff High School

6603 Spout Springs Road  
Flowery Branch, GA 30542  
Phone: 770-967-0080  
Fax: 770-967-0086  
Website: [cbhs.hallco.org](http://cbhs.hallco.org)

## Chestatee High School

3005 Sardis Road  
Gainesville, GA 30506  
Phone: 770-532-1162  
Fax: 770-532-2202  
Website: [chs.hallco.org](http://chs.hallco.org)

## East Hall High School

3534 East Hall Road  
Gainesville, GA 30507  
Phone: 770-536-9921  
Fax: 770-535-1184  
Website: [ehhs.hallco.org](http://ehhs.hallco.org)

## Flowery Branch High School

4450 Hog Mountain Road  
Flowery Branch, GA 30542  
Phone: 770-967-8000  
Fax: 770-967-1218  
Website: [fbhs.hallco.org](http://fbhs.hallco.org)

## Johnson High School

3305 Poplar Springs Road  
Gainesville, GA 30507  
Phone: 770-536-2394  
Fax: 770-531-3046  
Website: [jhs.hallco.org](http://jhs.hallco.org)

## Lanier College Career Academy

2719 Tumbling Creek Road  
Gainesville, GA 30504  
Phone: 770-532-3161  
Fax: 770-532-3156  
Website: [lcca.hallco.org](http://lcca.hallco.org)

## North Hall High School

4885 Mt. Vernon Road  
Gainesville, GA 30506  
Phone: 770-983-7331  
Fax: 770-983-7941  
Website: [nhhs.hallco.org](http://nhhs.hallco.org)

## West Hall High School

5500 McEver Road  
Oakwood, GA 30566  
Phone: 770-967-9826  
Fax: 770-967-4864  
Website: [whhs.hallco.org](http://whhs.hallco.org)

**The Hall County School District is committed to...  
developing LIFE READY GRADUATES!**



**Programs of Choice:** LEGACY Program and AP Capstone Program

**Career Technology Programs:** Animation & Digital Media, Criminal Justice with Forensics, Education & Training, Engineering, Government & Public Administration, Health Science, Information Technology, Marketing, Metals Technology and Workforce Ready



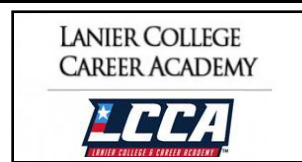
**Programs of Choice:** Johnson International Scholars Academy (JISA) and International Baccalaureate (IB) Diploma Program

**Career Technology Programs:** Audio-Video Technology, Business, Construction, Cybersecurity, Education & Training, Graphic Arts, Health Science, and Information Technology



**Programs of Choice:** Renaissance Academy for Creative Enterprises (RACE), and AP Capstone Program

**Career Technology Programs:** Audio-Video Technology, Automotive, Construction, Education & Training, Graphic Arts, Health Science, Information Technology, and Marketing



**Programs of Choice:** PT CTAE Pathways, FT Specialized Programs, and Dual Enrollment: Ag Mechanics, Baking & Pastry, Cosmetology, Culinary Arts, Fashion Merch, Forestry/Wildlife, Govt & Public Admin, Mktg Promotions, Hospitality & Tourism, HVAC and Workforce Ready

**DE Certificates:** Auto Collision, Criminal Justice, Design & Media, Diesel/Electrical, Early Childhood, Esthetics, Industrial Electrician, Marine Engine, Prep Cook, Salon & Spa, & Welding



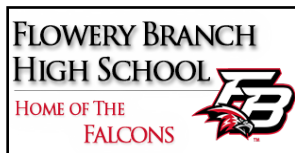
**Programs of Choice:** Endless Possibilities in Creativity and Collaboration (EpiCC) Academy and Navy Junior ROTC Program

**Career Technology Programs:** Agriculture/Horticulture, Business, Graphic Arts, Health Science, Navy ROTC, Transportation and Workforce Ready



**Programs of Choice:** Atlas Academy, International Baccalaureate (IB) Diploma Program, and STEM (Science, Technology, Engineering, and Mathematics) Academy

**Career Technology Programs:** Agriculture/Horticulture, Business, Education & Training, Engineering, Family Consumer Science, Health Science, Information Technology, Marketing, Metals Technology, and Workforce Ready



**Program of Choice:** STEAM (Science, Technology, Engineering, Arts and Mathematics) Academy and AP Capstone Program

**Career Technology Programs:** Education & Training, Engineering, Family Consumer Science, Graphic Arts, Health Science, Information Technology, Marketing, Metals Technology and Workforce Ready



**Program of Choice:** Innovation Institute (i2), International Baccalaureate (IB) Diploma Programme and International Baccalaureate (IB) Career Related Programme

**Career Technology Programs:** Audio-Video Technology, Construction, Education & Training, Graphic Arts, Health Science, Information Technology, Manufacturing, Marketing, and Workforce Ready



**Character, Competency, Rigor...For All** is the mission of Hall County Schools. With foundational philosophies of continuous improvement and leading by example, we commit to utilize all of our abilities to accomplish the task before us. Additionally, it will take our entire community, working together to fully develop our most precious resource, the students of Hall County Schools. We believe our role is to fully support local families on this most important journey. In these unprecedented and exciting times, I encourage our students and their families to fully explore all of the opportunities our high school programs provide. As always, feel free to contact us with questions or ideas for improvement.

**Will Schofield**  
Superintendent

### **Purpose of this Guide**

The purpose of this course catalog is to help you and your parents develop an understanding of the high school program and course offerings at Hall County High Schools during the upcoming school year.

It is the goal of our schools to offer a challenging academic program for every student. Society demands that young adults be well prepared academically if they are to function as successful citizens of the community. The decisions you make today will affect you for the rest of your life. You must select those courses which challenge and prepare you to live in a modern technological society.

Students who plan to attend college should select the most rigorous courses available. Doing so will place them in a position to be successful at the post-secondary level. Please examine all the requirements of potential colleges and universities of your choice. Consider taking Advanced Placement, International Baccalaureate and Dual Enrollment college classes if at all possible. These classes are most heavily weighted for G.P.A. and are highly regarded by college admissions officers. Regardless of your individual choice of college, technical training, certification, military training or immersion in the workforce, all students should develop a six-year plan that includes high school and at least two additional years of study or training. Consider your strengths, interests, goals, and aspirations as you prepare for this most important and significant part of your life.

All students are encouraged to familiarize themselves with all aspects of this course description guide. When selecting high school courses of study, we ask students, in consultation with their parents, to consider their career, academic and extra-curricular interests. Your teachers, principals, counselors, district administrators, and Board of Education are ready to assist and provide you with the guidance necessary to help you plan your secondary and post-secondary studies.

### **Using the Six-Year Plan**

All students should develop a six-year graduation plan that begins with grade eight and ends after one year of post-secondary education. The plan should take into consideration the graduation requirements, the student's career interests and post-high school plans, as well as the student's abilities and interests. We encourage students and parents to read this guide carefully and develop an appropriate plan of courses.

When creating the six-year plan, students should gather results of their most recent career interest inventories, or at least an interest inventory that has been completed in the past two years. Students should then attend advisement sessions to learn more about graduation requirements and course sequence options required for a high school diploma. Parents should also attend information sessions offered by counselors and other advisors at the school. Current teachers should be consulted for their recommendations concerning course selection and readiness for the most rigorous courses available. Finally, while high school counselors, teachers and advisors will assist with this planning, the final decisions in requesting courses are reserved for students and parents.

Every effort is made to present accurate and current information; however, Georgia law, Georgia Department of Education guidelines, local policy or other critical information may need to be added, omitted, or changed. Hall County Schools reserves the right to amend any and all information contained herein at any time deemed appropriate. Addendums will be distributed through the school counseling department.

## Hall County Schools Graduation Requirements for Students

Shown below are Georgia's High School Graduation requirements. All requirements must be met to earn a High School Diploma. A course shall count only once for satisfying any credit required for graduation. Selected course substitutions have been approved by the Georgia State Board of Education. See your counselor to determine if course substitutions are appropriate for your plan of study.

Graduation Requirements	Students Entering High School in August 2012 or Later
English/ Language Arts	<b>4 units</b> Must include 9 <sup>th</sup> Grade Literature & American Literature
Social Studies	<b>3 Units</b> Must include World History, US History, Government, and Personal Finance & Economics
Mathematics	<b>4 Units</b> Must include  Algebra: Concepts and Connections, Geometry: Concepts and Connections, Advanced Algebra: Concepts and Connections PLUS one additional 9-12/AP/IB/DE math course  OR  GSE Algebra I, GSE Geometry, and GSE Algebra II PLUS one additional GSE/AP/IB/DE math course OR  GSE Accelerated Algebra I/Geometry A, GSE Accelerated Geometry B/Algebra II, GSE Precalculus PLUS one additional GSE/AP/IB/DE math course
Science	<b>4 Units</b> Must include Physical Science or Physics; Biology; Chemistry, Earth Systems, Environmental Science or AP/IB courses PLUS one additional Science course
Health & Personal Fitness	<b>1 Unit</b> Must include ½ unit of each
Modern Languages	<b>3 Units</b> <b>(any combination)</b>  *Students planning to attend most post-secondary institutions must take two units of the same modern language.
Career, Technical and Agriculture Education (CTAE)	
Fine Arts, CTAE, and /or Modern Languages	
Electives	<b>4 Units</b>
<b>Total Units Required</b>	<b>23 Units</b>

NOTE: Beginning in school year 2013-2014, Georgia State Board Rule 160-5-1-.15 allows students to earn course credit in high school courses for which there is an associated Milestones End of Course Test. Students may demonstrate subject area competency and earn course credit by scoring "Distinguished Learner" on the EOC Test. This process for earning course credit is identified as "testing-out." Students may not be enrolled in or previously enrolled in the course in which the "Test-Out" is attempted. A test fee is required. Contact the school counselor to learn more about the "Test-Out" requirements.



## GRADUATION PLAN

The Six-Year Plan takes into consideration your academic abilities, career goals, interests, and plans for additional education beyond high school. The purpose of the plan is to familiarize you with graduation requirements and to get you thinking about life after high school . . . what you want to do with your future, where you want to go, and what you need to do in high school to make it happen. Each spring, you will register for classes for the next year. Your teachers will advise you about a recommended course selection and level of difficulty based on your prior academic performance. As a result, your initial plan might change with future registrations. While teachers, counselors, advisors, and administrators will make every effort to give you the best advice, ultimately, you are responsible for taking the correct courses for graduation. Make sure your parents know your plans and keep them updated on your progress toward meeting requirements for graduation. Talk to your counselor or advisor if you have any questions. The following list of required courses and course sequence may be modified to accommodate special circumstances. However, the majority of students will adhere to the course sequences listed below. Unless noted, you would take a full year (1 credit) of the designated course.

### Career Clusters/Pathways

Georgia students will choose a Career Cluster/Pathway. Under this model, you – with the help of parents, teachers and guidance counselors – will choose a Pathway in one of 16 Career Clusters, and/or in the areas of Advanced Academics, World Language, or Fine Arts. You can select your Pathway based on what you want to do after graduation and take a core set of classes and electives based on your chosen field. You have the freedom to switch Pathways or Clusters if you discover a particular area is not your passion. You can choose Pathways that lead to two-year, four-year, or technical colleges, or directly into a career of your choice.

*The Six-Year Plan Worksheet is found on the following page.*



#### Language Arts – 4 units

- 9<sup>th</sup> Grade Literature and Composition\*
- American Literature/Composition\*
- Multicultural Literature/World Literature/  
British Literature
- AP/IB/DE ELA courses



#### Social Studies – 3 units

- World History\*
- US History\*
- American Government (1/2 unit)\*
- Personal Finance & Economics (1/2 unit)\*



#### Mathematics – 4 units

- GSE Algebra I/Algebra: Concepts and Connections\*
- GSE Geometry/Geometry: Concepts and Connections\*
- GSE Algebra II/Advanced Algebra: Concepts and Connections\*
- GSE/9-12/AP/IB/DE math courses



#### Health and Physical Education – 1 unit

- Personal Fitness (1/2 unit)\* and
- Health (1/2 unit)\* or JROTC (3 units)



#### CTAE, Fine Arts, Modern Language – 3 units

- Any CTAE, Fine Arts or Modern Language courses may be selected
- CTAE – Career Technical & Agricultural Education*



#### Science – 4 units

- Biology\*
- Physical Science or Physics\*
- Chemistry, Earth Systems or  
Environmental Science
- Other Physical or Life Science Courses  
Or AP/IB/DE Courses



#### Additional Required Electives – 4 units

- Any combination of courses may be selected.



**\*Required courses for graduation**



Hall County Schools  
**TENTATIVE SIX-YEAR PLAN OF STUDY FOR STUDENTS**












Student \_\_\_\_\_ Student Number \_\_\_\_\_

Teacher/Advisor \_\_\_\_\_ Academic &/or Career/Technical Education Pathway \_\_\_\_\_

Student Signature \_\_\_\_\_ Date Plan Completed \_\_\_\_\_

**GRADUATION REQUIREMENTS**

Students are **required** to earn 23 Carnegie units in order to receive a regular high school diploma.

Subject	English Language Arts – ELA	Math – MA	Science – SC	Social Studies – SS	Health & Physical Education - HPE	CTAE, Fine Arts, Modern Language	Electives	Total
<b>Credits Required</b>	<b>4 units</b> – must include 9 <sup>th</sup> Grade Literature & American Literature plus two additional GSE/AP/IB/DE courses 	<b>4 units</b> – must include GSE Algebra I/Algebra: Concepts and Connections, GSE Geometry/Geometry: Concepts and Connections, GSE Algebra II/Advanced Algebra: Concepts and Connections plus one additional GSE/9-12/AP/IB/DE math course 	<b>4 units</b> – must include Physical Science or Physics; Biology; Chemistry, Earth Systems, Environmental Science or AP/IB/DE courses 	<b>3 units</b> – must include World History, US History, Personal Finance & Economics, and Government 	<b>1 unit</b> – must include ½ unit of Health and ½ unit of Personal Fitness 	<b>3 units</b> – any combination; two units of Modern Language required for most four-year post-secondary institutions  	<b>4 units</b>    	<b>23 Units</b>

**MY CHOICES**

<b>8<sup>th</sup> Grade</b> Record Carnegie unit courses earned	<b>9<sup>th</sup> Grade</b> For promotion to 10 <sup>th</sup> grade: <b>6 credits</b>	<b>10<sup>th</sup> Grade</b> For promotion to 11 <sup>th</sup> grade: <b>12 credits*</b> *2 Core English, Math, Science plus 1 Core Social Studies	<b>11<sup>th</sup> Grade</b> For promotion to 12 <sup>th</sup> grade: <b>18 credits**</b> **2 Core English, Science, Social Studies plus 3 Core Math and a planned program to graduate	<b>12<sup>th</sup> Grade</b> <b>23 credits</b> required in order to receive a high school diploma (refer to chart above).	<b>Post-Secondary</b> Record courses taken and earned through Dual Enrollment.
ELA _____	ELA _____	ELA _____	ELA _____	ELA _____	ELA _____
MA _____	MA _____	MA _____	MA _____	MA _____	MA _____
SC _____	SC _____	SC _____	SC _____	SC _____	SC _____
	SS _____	SS _____	SS _____	SS _____	SS _____
HPE _____	HPE _____	HPE _____	HPE _____	HPE _____	HPE _____
CTAE _____	CTAE _____	CTAE _____	CTAE _____	CTAE _____	CTAE _____
FA _____	FA _____	FA _____	FA _____	FA _____	FA _____
ML _____	ML _____	ML _____	ML _____	ML _____	ML _____
Other _____	Other _____	Other _____	Other _____	Other _____	Other _____
Other _____	Other _____	Other _____	Other _____	Other _____	Other _____

## Frequently Asked Questions

### What is a Program of Choice?

Hall County School District currently has a variety of choice programs at the high school level.



Programs of Choice are designed to match students with clearly defined strengths, interests, abilities, and goals with specialized programming options that focus on those traits. Interested students submit applications, and the most highly qualified students are invited to participate in the Program of Choice.

- Leadership, Experience, Grit, Achievement, Character, and Youth-led acts of service (LEGACY) Program and AP Capstone at Cherokee Bluff High School
- Renaissance Academy for Creative Enterprises (RACE) and AP Capstone at Chestatee High School
- Endless Possibilities in Creativity and Collaboration (EpiCC) Academy and Navy ROTC at East Hall High School
- Science, Technology, Engineering, Arts and Math (STEAM) and AP Capstone at Flowery Branch High School
- Johnson International Scholars Academy (JISA) and International Baccalaureate (IB) Diploma Programme at Johnson High School
- ATLAS and STEM Academies and International Baccalaureate (IB) Diploma Programme at North Hall High School
- Innovation Institute (i<sup>2</sup>), International Baccalaureate (IB) Diploma Programme, International Baccalaureate (IB) Career Related Programme at West Hall High School
- The Honors Mentorship Program (HMP) is a district-wide program for high-achieving 11<sup>th</sup> and 12<sup>th</sup> grade students who desire a challenging career internship experience
- Howard E. Ivester Early College is available to Hall County High School students accepted into Lanier Technical College, University of North Georgia, Brenau University, and/or the University of Georgia's College of Ag/Environmental Sciences
- Lanier College Career Academy (LCCA) provides specialized part-time career ready pathways, post-secondary Dual Enrollment certificate opportunities, and a full-time Specialized Career-Ready Program of Choice to students from all high schools
- Hall County Virtual Program of Choice offers a fully-virtual instructional program for students in grades 3-12
- Ivester Healthcare Scholars: Cohort of junior students interested in and gaining experiences in healthcare fields
- UGA- College of Ag and Environmental Sciences Ivester Rising Agricultural Scholars: Cohort of senior students interested in and gaining experience with UGA in the Agricultural and/or Environmental fields.

### What are "levels" of academic classes?

**Level 1 - Classes:** These courses are designed for students who perform at grade level. Classes are designed for students who may be college-bound or who may enter the workforce directly after high school. Students interested in attending "selective" colleges/universities should strongly consider enrolling in Level 2 or 3 courses to demonstrate the ability to achieve in courses with increased rigor.

**Level 2 - Honors/Accelerated Classes/Dual Enrollment Non-Core 1000 level courses\*:** These classes differ from Level 1 courses in at least three important ways:

- The objectives to be achieved tend to be more complex and are to be accomplished at a more rapid pace.
- In-class activities and assignments require a greater complexity of thought, a greater degree of independent inquiry, and a greater degree of sophistication in writing, research, and problem-solving skills.
- Course materials tend to be more demanding.

Dual Enrollment Non-Core 1000 level courses include courses in departments other than English, Mathematics, Science, Social Studies and Modern Language.

**Level 3 – Advanced Placement/International Baccalaureate/ Dual Enrollment Core/Dual Enrollment Non-Core courses at 2000 level or higher\*:**

The Advanced Placement (AP) curriculum is defined by The College Board and is designed to prepare students for The College Board AP exams. AP courses are college-level courses. Students who achieve set scores on AP exams may earn college credit.

There are three International Baccalaureate (IB) World Schools in Hall County Schools: Johnson High School, North Hall High School, and West Hall High School. All three IB high schools are schools of choice with a competitive application process. IB World Schools share a common philosophy – a commitment to a high quality, challenging international education. Students who achieve set scores on IB exams may earn college credit.

Dual Enrollment courses are college/university/technical courses taken at the post-secondary campus, the Ivester Early College campus, Lanier College and Career Academy campus, or online following acceptance to the post-secondary institution. Dual Enrollment core courses include all English, Math, Science, Social Studies and Modern Language courses. Dual Enrollment Non-Core 2000 level courses include courses in departments other than English, Mathematics, Science, Social Studies and Modern Language.

(\*DE Courses must be from Georgia Student Finance Commission Approved Course Directory.)

### How can levels of academic classes affect my GPA (Grade Point Average)?

The quality point system is used to determine the weighted and unweighted GPA (traditional 4.0 scale). The weighted quality point system is used to recognize and reward the student who takes more rigorous, challenging, and demanding courses. Additional quality points are awarded to the weighted GPA for International Baccalaureate, Advanced Placement, Dual Enrollment, Honors and Accelerated courses. For each course, up to one full quality point is added to the student's grade point average calculation and will be reflected in the weighted GPA on the student's transcript. The weighted GPA is used to determine class rank.

The unweighted GPA (traditional 4.0 scale) reflects a calculation for which no additional quality points are included for Level 2 and/or Level 3 classes. All courses taken count equally in the unweighted GPA calculation in which Level 1 weights are applied.

#### Calculation of Course Average

The course grade is a cumulative average of all graded work completed during the course. Final exams or state-required Milestones End-Of-Course tests (EOCs) count as 20% of the course grade with other graded work accounting for 80% of the grade. Carnegie units will be awarded based upon course grades at the end of the course.

#### Conversion of Final Numeric Grade to Quality Points

Beginning in August of the 2022-23 School Year			
Final Numeric Course Grade	LEVEL 3	LEVEL 2	LEVEL 1
	AP/IB/ DE Core / DE Non-Core courses at 2000 level or higher**	Honors/ Accelerated/ DE Non-Core 1000 level courses**	All other courses
90 – 100	5.0	4.5	4.0
80 – 89	4.0	3.5	3.0
70 – 79	3.0	2.5	2.0
BELOW 70	0	0	0
<70 with earned credit*	2.0	1.5	1.0
NOTE: AP = Advanced Placement, IB = International Baccalaureate, DE = Dual Enrollment			
*Quality Points will be applied to GPA calculations when the transferring institution awards credit for numerical scores below 70.			
**DE Courses must be from GSFC Dual Enrollment Approved Course Directory.			

### What is the "Test-Out" option?

Beginning in school year 2013-2014, Georgia State Board Rule 160-5-1-.15 allows students to earn course credit in high school courses for which there is an associated Milestone End of Course Test. Students may demonstrate subject area competency and earn course credit by scoring "Distinguished Learner" on the EOC Test. This process for earning course credit is identified as "testing-out."

Students must meet predetermined eligibility criteria to qualify for "testing-out." Students may not be enrolled in or previously enrolled in the course in which the "Test-Out" is attempted. See the high school counselor for the complete list of criteria, related procedures and application. Each test-out attempt incurs a \$50 test fee required before testing. This fee is refundable only when the score earned on the EOCT is "Distinguished Learner" and the student accepts the course credit using the test-out option. NCAA does not accept high school credits earned by "test-out."

### What is Dual Enrollment?

The Dual Enrollment program provides funding through Georgia Student Finance Commission (GSFC) up to 30 credit hours for Hall County High School students to take approved college-level coursework for credit towards both high school and college graduation requirements. Dual Enrollment classes are available at the college campus, Lanier College Career Academy and Howard E. Ivester Early College. Other GSFC rules may apply.

The program is offered during all terms of the school year; fall, spring and summer semesters or fall, winter, spring, and summer quarters. See your Counselor or visit <https://www.gafutures.org/hope-state-aid-programs/scholarships-grants/dual-enrollment/> for more program details and eligibility requirements.

## What programs are available at Lanier College & Career Academy (LCCA)?

### CTAE Courses and Pathways



Lanier College Career Academy is an innovative school that serves the high schools in Hall County, providing students with a passion for careers in the hospitality, culinary arts, cosmetology, marketing, agricultural mechanics, forestry/wildlife, and heating/ventilation/air conditioning/refrigeration (HVAC) industries. LCCA provides students the opportunity to learn in a real work environment, helping to manage and run one of eight businesses: Corner Cafe coffee shop, Bistro fine dining restaurant, Meeting & Events conference center, Catering @ The Oaks, Design 360 personalized promotions lab, Get Gifted gift shop, MetalWood Designs, or Reflections Salon and Spa.



Upon completion of their high school specialized career pathway at LCCA, students also have the opportunity to extend their learning beyond high school and start earning college credit through Dual Enrollment with Lanier Technical College. The campus of LCCA is a satellite campus for Lanier Technical College and currently offers several technical college certificate programs on-site in partnership with Lanier Technical College: Auto Collision Repair, Basic Marine Engine Tech, Shielded Metal Arc Welder, Criminal Justice, Design & Media Production, Diesel Electrical Systems Tech, Early Childhood Education, Esthetics, Gas Metal Arc Welder, Industrial Electrician, Prep Cook, and Salon & Spa Support. Once students graduate from high school, they may continue with Lanier Technical College at the Gainesville Campus and work further towards earning their specialized college degree/diploma.



See the school counselor to discuss specific CTAE courses and pathway options available at LCCA. Also, please see the counselor concerning Dual Enrollment certificate options at LCCA.

### Extended Instructional Programs

High School summer classes are available through Lanier College Career Academy's summer school program. This program utilizes self-paced, online courses that can be completed through a combination of at home and on campus learning.



## What is Ivester Early College?



Hall County's Howard E. Ivester Early College (IEC) is an innovative way for high school students to earn a high school diploma while also earning college credits. Hall County Schools partners with Lanier Technical College (LTC), the University of North Georgia (UNG), Brenau University and the University of Georgia's College of Ag/Environmental Sciences (CAES) to provide unique access to Georgia's Dual Enrollment program.



LTC, UNG, and Brenau professors teach courses on the Howard E. Ivester Early College campus while CAES courses are taught on UGA's Athens campus, and transportation is provided for all students during the school day. Unique to this program is that all students are offered learning supports that include tutoring, career guidance, and personalized planning to meet college and career goals. These supports are vital components towards IEC's 99+% student class pass rate.



Students have the opportunity to take multiple LTC/UNG/Brenau/CAES courses per semester at the Howard E. Ivester campus in combination with classes at their high school campus, Work-Based Learning, Honors Mentorship, or main college campuses. Dual Enrollment funds cover all tuition, textbooks, and mandatory fees for each course up to 30 hours. Some courses with labs (Nurse Aide, Biology, etc.) may require that students purchase course supplies. In order to ensure that every student has access to required technology, Hall County Schools offers a Chromebook for students to use while taking specific core academic and certificate courses at IEC. See your Counselor for program details and eligibility requirements.



In 2022-23, we began a unique partnership between the University of Georgia and Ivester Early College, through the College of Agricultural and Environmental Sciences (CAES): The CAES-Ivester Rising Scholars Program (CAES-IRSP). This program is ideal for high-achieving students with academic and career interests in the Agricultural and Environmental Sciences.

The Ivester Healthcare Scholars Program of Choice provides Dual Enrollment and practical learning experiences for advanced scholars who have demonstrated a focused interest in healthcare fields. Students will engage in rigorous academic classes, unique mentorships, research / internship opportunities, and service applications in a 2-year program. This Hall County Schools POC is made possible through our continued partnerships with Brenau University, Lanier Technical College, the University of North Georgia, and the Ivester College of Health Sciences at Brenau University.



# JOHNSON HIGH SCHOOL CTAE CAREER PATHWAY OFFERINGS



Begin **TODAY** planning for **TOMORROW!**

Start preparing for the future now! Make the connection between learning and the real world.

Career Technology courses will help answer three key questions:

**What am I learning?**

**Why am I learning it?**

**How am I going to use it?**

Whatever your plans may be after high school, Career Technology courses and Career Pathways will give you a head start and help build the foundation in many technical and professional careers.

**Don't Delay! Prepare for YOUR Future Now!**

See the *reverse* of this document for pathway offerings at your school. 

## SCHOOL LOCATIONS

J = Johnson

L = Lanier College &  
Career Academy

\*\* Transportation is provided  
for students  
from students' home school to  
attend the  
specialty programs at LCCA.

Please see your counselor for  
additional information.

## PATHWAY REQUIREMENTS

\* To fulfill the state pathway  
requirements, students must  
complete the three courses  
shown in the pathway  
(reverse of this page)  
and take the Credentials of  
Value assessment (COV)  
where available.

If successful on the COV,  
students will earn an industry  
credential.

H = Honors Pathway  
Available

## CAPSTONE EXPERIENCE

Work-Based Learning  
(WBL) <sup>H</sup> Internship

These valuable, hands-on  
opportunities are available  
in ALL career cluster areas.

Please see your school's  
WBL Coordinator / Career  
Specialist for  
additional information.

[www.hallcowbl.org](http://www.hallcowbl.org)



Scan for details on each pathway!

### Legend for Reverse of this Document

- ^ Meets 4th Science requirement; approved by Board of Regents.
- ~ Meets 4th Math or World Language requirement for high school graduation.  
Two Computer Science courses from the same pathway will satisfy two years of sequenced foreign language courses for USG Admissions.
- ⌘ Integrated credit can be earned upon completion of pathway.
- « Embedded credit earned upon completion of course.

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Hall County Schools  
2024-2025 CTAE CareerPathway Offerings  
**Johnson High School**



**Plan ahead and complete more than one pathway  
and work to earn additional certifications!**



Begin **TODAY** planning for **TOMORROW!**

**AGRICULTURE, FOOD & NATURAL RESOURCES**

**Agriculture Mechanics & Electrical Systems (L)**

02.47100 Basic Agricultural Science  
01.42100 Agricultural Mechanics Technology I  
01.42600 Agricultural Electricity and Electric Controls

**Capstone Experience:** WBL Internship

**Agriculture Mechanics/Metal Fabrication (L)**

02.47100 Basic Agricultural Science  
01.42100 Agricultural Mechanics Technology I  
01.42400 Agricultural Metals Fabrication

**Capstone Experience:** WBL Internship

**Agriculture Mechanics Systems (L)**

02.47100 Basic Agricultural Science  
01.42100 Agricultural Mechanics Technology I  
01.42200 Agricultural Mechanics Technology II

**Capstone Experience:** WBL Internship

**Forest Mechanical Systems (L)**

02.47100 Basic Agricultural Science  
01.42100 Agricultural Mechanics Technology I  
03.45100 Forest Science ^

**Capstone Experience:** WBL Internship

**Forestry/Wildlife Systems (L)**

02.47100 Basic Agricultural Science  
03.45100 Forest Science ^  
03.45300 Wildlife Management

**Capstone Experience:** WBL Internship

**ARCHITECTURE & CONSTRUCTION**

**Carpentry (J)**

46.54500 Industry Fundamentals & Occupational Safety  
46.54600 Introduction to Construction  
46.55000 Carpentry I

**Capstone Experience:** WBL Internship

**Electrical (J)**

46.54500 Industry Fundamentals & Occupational Safety  
46.54600 Introduction to Construction  
46.56000 Electrical I

**Capstone Experience:** WBL Internship

**Heating, Vent, Air Conditioning & Refrigeration (L)**

46.54500 Industry Fundamentals & Occupational Safety  
47.41400 Introduction to HVACR Systems  
47.41500 Heating, Ventilation, Air Cond, & Refrigeration

**Capstone Experience:** WBL Internship

**HVACR Electrical (L)**

46.54500 Industry Fundamentals & Occupational Safety  
47.41400 Introduction to HVACR Systems  
47.41600 Low Voltage Electrical

**Capstone Experience:** WBL Internship

**Plumbing (J)**

46.54500 Industry Fundamentals & Occupational Safety  
46.54600 Introduction to Construction  
45.58000 Plumbing I

**Capstone Experience:** WBL Internship



**ARTS, AV TECHNOLOGY & COMMUNICATIONS**

**Audio-Video Technology/Film I (J)**

10.51810 Audio-Video Technology Film I  
10.51910 Audio-Video Tech Film II  
10.52010 Audio-Video Tech Film III ^

**Capstone Experience:** WBL Internship

**Audio-Video Technology & Film II (J)**

10.51810 Audio-Video Technology Film I  
10.51910 Audio-Video Tech Film II  
10.51410 Broadcast Video Applications ^

**Capstone Experience:** WBL Internship

**Graphic Communications ^ (J)**

48.56100 Introduction to Graphics and Design  
48.56200 Graphic Design and Production  
48.57000 Adv Graphic Output Processes

**Capstone Experience:** WBL Internship

**Graphic Design ^ (J)**

48.56100 Introduction to Graphics and Design  
48.56200 Graphic Design and Production  
48.52800 Advanced Graphic Design

**Capstone Experience:** WBL Internship

**BUSINESS, MANAGEMENT & ADMINISTRATION**

**Business & Technology (J)**

07.44130 Intro to Business and Technology  
07.44100 Business & Technology  
07.45100 Business Communications

**Capstone Experience:** WBL Internship

**EDUCATION & TRAINING**

**Early Childhood Education (J) ^**

20.52810 Early Childhood Education I  
20.42400 Early Childhood Education II  
20.42500 Early Childhood Education III

**Capstone Experience:** WBL Internship

**GOVERNMENT & PUBLIC ADMINISTRATION**

**Public Management & Administration (L)**

29.41000 Intro to Government & Public Admn «  
29.41100 Gov Public Admn: State & Fed Issues «  
29.41200 Gov Public Admn: Local & State Issues «

**Capstone Experience:** WBL Internship

**HEALTH SCIENCE**

**Allied Health & Medicine ^ (J)**

25.52100 Introduction to Healthcare Science  
25.44000 Essentials of Healthcare «  
25.43700 Allied Health & Medicine

**Capstone Experience:** WBL Internship

**Emergency Medical Responder ^ (J)**

25.52100 Introduction to Healthcare Science  
25.44000 Essentials of Healthcare «  
25.45000 Emergency Medical Responder

**Capstone Experience:** WBL Internship

**Patient Care (J)**

25.52100 Introduction to Healthcare Science  
25.44000 Essentials of Healthcare «  
25.43600 Patient Care Fundamentals

**Capstone Experience:** WBL Internship

**HOSPITALITY & TOURISM**

**Baking & Pastry (L)**

20.53100 Introduction to Culinary Arts  
20.XXXXX Baking & Pastry I  
20.XXXXX Baking & Pastry II

**Capstone Experience:** WBL Internship

**Culinary Arts (L) ^**

20.53100 Introduction to Culinary Arts  
20.53210 Culinary Arts I  
20.53310 Culinary Arts II

**Capstone Experience:** WBL Internship

**Hospitality, Recreation & Tourism (L)**

08.47400 Marketing Principles  
08.45300 Hospitality, Recreation & Tourism Essentials ^  
08.45400 Hospitality, Recreation & Tourism Mgmt ^

**Capstone Experience:** WBL Internship

**HUMAN SERVICES**

**Personal Care Services-Cosmetology (L)**

12.54400 Intro to Personal Care Services  
12.41000 Cosmetology Services II  
12.41100 Cosmetology Services III

**Capstone Experience:** WBL Internship

**INFORMATION TECHNOLOGY**

**Cybersecurity (J)**

11.44800 Introduction to Hardware Technology  
11.48100 Introduction to Cybersecurity  
11.48200 Advanced Cybersecurity

**Capstone Experience:** WBL Internship

**MARKETING**

**Fashion Merchandising/Retail Mgmt (L)**

08.47400 Marketing Principles  
08.42100 Fashion, Merch & Retailing Essentials  
08.42200 Advanced Fashion, Merch & Retailing

**Capstone Experience:** WBL Internship

**Marketing Communications & Promotions (L)**

08.47400 Marketing Principles  
08.45100 Promotional and Digital Marketing  
08.45200 Integrated Marketing Communications

**Capstone Experience:** WBL Internship



# High School Course Descriptions

The following list of course descriptions encompasses all courses offered in Hall County high schools. However, some courses may not have sufficient enrollment to justify instruction each school year.

\* Georgia Milestones EOC assessment required.

## ENGLISH/LANGUAGE ARTS

### **Ninth Grade Literature/Composition**

**1 Unit**

#### **Ninth Grade Literature/Composition (Honors)**

CIP #: 23.06100

Prerequisite: Teacher recommendation for Honors

Credit Type: L1 or L2; **Required for students enrolling in ninth grade for the first time in 2008 or later;** core or elective credit for all other students.

Description: Integrates writing, grammar and usage, literature, speaking, listening, and critical thinking skills; develops understanding of both structure and meaning of a work of literature, as well as an understanding of the process of interpreting a text; develops competency in technical writing to write coherent and focused texts to convey a well-defined perspective or tightly-reasoned argument.

### **World Literature/Composition**

**1 Unit**

#### **World Literature/Composition (Honors)**

CIP #: 23.06300

Prerequisite: Teacher recommendation for Honors

Credit Type: L1 or L2; Core or elective credit

Description: Integrates writing, grammar and usage, literature, speaking, listening, and critical thinking skills; develops understanding of themes that relate literature to life, and of themes that recur in diverse works of literature. Through a study of world literature, students will develop an understanding of chronological context and the relevance of period structures in literature within cultures around the world. By the end of this course, students should be able to demonstrate competency in persuasive writing, writing coherent and focused texts that convey a well-defined perspective or tightly-reasoned argument.

### **American Literature/Composition\***

**1 Unit**

#### **American Literature/Composition (Honors)\***

CIP #: 23.05100

Prerequisite: Teacher recommendation for Honors

Credit Type: L1 or L2; **Required for all students** (may substitute with IB English A Literature, Year 1, IB English B, Year 1 or AP English Language/Composition)

Description: Integrates writing, grammar and usage, literature, speaking, listening, and critical thinking skills. Focusing on a study of American literature, students develop an understanding of chronological context and the relevance of period structures in American literature. By the end of this course, students should be able to demonstrate developing competency expository and persuasive writing.

### **Multicultural Literature**

**1 Unit**

CIP #: 23.06700

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: Focusing on multicultural literature, this course integrates writing, grammar and usage, literature, speaking, listening, and critical thinking skills; develops understanding of themes that relate literature to life, and of themes that recur in diverse cultural contexts.

### **British Literature/Composition**

**1 Unit**

#### **British Literature/Composition (Honors)**

CIP #: 23.05200

Prerequisite: Teacher recommendation for Honors

Credit Type: L1 or L2; Core or elective credit

Description: Integrates writing, grammar and usage, literature, speaking, listening, and critical thinking skills. Focusing on a study of British literature, students develop an understanding of chronological context and the relevance of period structures in British literature. By the end of this course, students should be able to demonstrate competency in expository writing and persuasive writing, as well as competent use of the writing process (e.g., prewriting, drafting, revising, and editing successive versions).

**Advanced Placement (AP) Language/Composition****1 Unit**

CIP #: 23.05300

Prerequisite: Teacher recommendation

Credit Type: L3; Core or elective credit; **May satisfy the American Literature course requirement**

Description: Conforms to the College Board recommendations for the Advanced Placement Language and Composition Examination; emphasizes critical thinking, reading, and writing through the study and discussion of expository, analytical, and argumentative essays; stresses the connection between reading and writing mature prose. Enrollment in AP includes the commitment to take the AP exam.

**Advanced Placement (AP) Literature/Composition****1 Unit**

CIP #: 23.06500

Prerequisite: Teacher recommendation

Credit Type: L3; Core or elective credit; **Does not satisfy the American Literature course requirement**

Description: Conforms to the College Board recommendations for the AP Literature and Composition exam; stresses modes of discourse, assumptions, underlying rhetorical strategies, connotation, metaphor, irony, syntax, and tone; emphasizes writing critical analyses of literature and includes essays in exposition and argument, poetry, drama, prose fiction, and expository literature. Enrollment in AP includes the commitment to take the AP exam.

**International Baccalaureate (IB) English A Literature, Year 1 (American Literature)****1 Unit****International Baccalaureate (IB) English A Literature, Year 2 (World Literature)**

CIP #: 23.06800 (Year 1)

CIP #: 23.06900 (Year 2)

Prerequisite: Approval of the school IB coordinator; courses must be taken in sequence

Credit Type: L3; Core or elective credit; **IB English A, Year 1 may substitute for American Literature course requirement**

Description: Introduces students to a range of literary works of different periods, genres, styles, contexts, and cultures and develops an articulate personal and critical response to literature that is expressed clearly and concisely in oral and written forms of communication. Oral and written work is held to an international standard of excellence in preparation for IB examinations.

**International Baccalaureate (IB) English B, Year 1****1 Unit****International Baccalaureate (IB) English B, Year 2**

CIP #: 23.06120 (Year 1)

CIP #: 23.06130 (Year 2)

Prerequisite: Approval of the school IB coordinator &amp; completion of at least two units of ESOL or other core English credits; courses must be taken in sequence

Credit Type: L3; Core or elective credit; **IB English B, Year 1 may substitute for American Literature course requirement**

Description: Designed for English Language Learners, with focus on language acquisition and development in the four primary language skills: listening, speaking, reading and writing. Students study a range of written and spoken materials related to the culture of countries where English is spoken and study literature written in or translated into English.

**Journalism I, II, III, IV****1 Unit****Journalism II, III, IV (Honors)**

CIP #: 23.03200 (I)

CIP #: 23.03300 (II)

CIP #: 23.03500 (III)

CIP #: 23.03600 (IV)

Prerequisite: Must be taken in sequence

Credit Type: L1 or L2; Elective credit only

Description: Explores journalistic writing through analysis of newspapers, yearbooks, literary magazines, and broadcast journalism publications; concentrates on purpose, influence, structure, and language use through reading, writing, and critical thinking; covers news gathering, ethics, copy writing, editing, and revising; may include typesetting, circulation, and production.



**Advanced Composition (Honors)****.5 or 1 Unit**

CIP #: 23.03400

Prerequisite: Teacher Recommendation

Credit Type: L2; Core or elective credit

Description: Provides further exploration of the writing process, including planning, drafting, and revising. Emphasizes research skills and essay composition and includes expository, persuasive, narrative, and descriptive writing.

**Speech/Forensics I, II****1 Unit**

CIP #: 23.04600 (I)

CIP #: 23.04700 (II)

Prerequisite: None

Credit Type: L1; Elective credit only

Description: Introduces critical thinking and speaking through a detailed study of forensic speaking including extemporaneous speaking, oration, and interpretation of literature and debate; emphasizes classical and contemporary theory, understanding of philosophical basis of argumentative theory, and various forensic speaking formats, while applying reasoning, research and delivery skills.

**Reading Enrichment****.5 or 1 Unit**

CIP #: 23.08200

Prerequisite: Score of &lt;25%tile on ITBS, or &lt;300 on Reading CRCT

Credit Type: L1; Elective credit only

Description: Enhances essential reading skills necessary to promote continual development in reading.

**Writer's Workshop****.5 or 1 Unit****Writer's Workshop (Honors)**

CIP #: 23.03100

Prerequisite: None

Credit Type: L1 or L2; Elective credit only

Description: Provides opportunities to improve writing proficiency with emphasis on fluency, control, and style; emphasizes writing as a process with instruction in grammar, mechanics usage, and imaginative expression; offers opportunities for independent writing assignments to examine narrative, descriptive, persuasive, and expository modes of discourse; includes literature study.

**Communication Skills****.5 or 1 Unit**

CIP #: 23.08100

Prerequisite: Approval of Instructional Coordinator

Credit Type: L1; Elective credit only

Description: This course focuses on reinforcement of Georgia Standards of Excellence using READ 180. Students receive reinforcement in the following strands: Reading and Literature, Reading Across the Curriculum, Writing, Conventions, and Listening, Speaking, and Viewing. The emphasis is to offer reading skills, vocabulary development, reading opportunities, writing process activities, and conventions study for students identified by SRI universal screening.

**English ESOL I – VI****1 Unit**

CIP #: 23.09100 (I)

CIP #: 23.09200 (II)

CIP #: 23.09300 (III)

CIP #: 23.09400 (IV)

CIP #: 23.09500 (V)

CIP #: 23.09600 (VI)

Prerequisite: Special placement for limited English speaking students determined through language proficiency testing

Credit Type: L1 only; Core or elective credit

Description: Intensive instruction in English as a second language emphasizing listening, speaking, reading and writing skills to permit a smooth transition into content area classes; social use of the English language and exposure to American culture are also addressed.

**Oral Communication in the Content Areas (ELL)****1 Unit**

CIP #: 55.02400

Prerequisite: Special placement for limited English speaking students determined through language proficiency testing

Credit Type: L1; Elective credit only

Description: This course focuses on communicating effectively with a variety of audiences using academic language which is needed to be successful in the content areas. This includes further development of critical thinking skills and organization of ideas. Continued emphasis is given on how grammar, vocabulary, listening, speaking, and writing skills play an integral part in how to effectively deliver information through oral communication.

**Reading and Listening in the Content Areas (ELL)****1 Unit**

CIP #: 55.02300

Prerequisite: Special placement for limited English speaking students determined through language proficiency testing

Credit Type: L1; Elective credit only

Description: This course provides intensive instruction in English as a second language; focuses on the development of reading skills necessary to promote continual language acquisition; offers vocabulary practice and reinforcement of auditory comprehension with an emphasis on reading in the content areas.

**Writing in the Content Areas (ELL)****1 Unit**

CIP #: 55.02500

Prerequisite: Special placement for limited English speaking students determined through language proficiency testing

Credit Type: L1; Elective credit only

Description: Provides intensive instruction in English as a second language, with opportunities to improve writing proficiency with an emphasis in the content areas; emphasizes writing as a process with instruction in grammar, mechanics usage, and imaginative expression.

**Academic Language of Science and Math****1 Unit**

CIP #: 55.02700

Prerequisite: Special placement for limited English speaking students determined through language proficiency testing scoring CPL 2-3.

Credit Type: L1; Elective credit only

Description: Course focuses on teaching students with interrupted or limited formal schooling to decode the specialized vocabulary, symbols and text in science and mathematics. Reading comprehension of texts, listening and comprehending lectures, and using correct scientific and mathematical terminology when speaking and writing are integral to academic success in the mathematics and science content areas. The content addresses all five WIDA standards.

**Basic Reading/Writing I, II, III, IV****.5 or 1 Unit**

CIP #: 23.08300 (I)

CIP #: 23.08400 (II)

CIP #: 23.08500 (III)

CIP #: 23.08600 (IV)

Prerequisite: Approval of LCA/LCCA Project Search/Project Success Program Director

Credit Type: L1; Elective credit only

Description: These courses provide fundamental skills development in: Reading and Literature, Reading Across the Curriculum, Writing, Conventions, and Listening, Speaking, and Viewing. The class includes drill and practice opportunities in reading comprehension, vocabulary development, reading opportunities, writing, speaking, and critical thinking.

**Language Arts Work-Based Learning (WBL) Placement****.5 or 1 Unit****Language Arts Work-Based Learning (WBL) Placement (Honors)**

CIP #: 23.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**GSE Foundations of Algebra**

**1 Unit**

CIP: 27.04810

Prerequisite: Low middle school mathematics standardized test scores and/or demonstration of significant difficulties in middle school mathematics courses.

Credit Type: L1; core or elective credit

Description: A first-year high school mathematics course for students who need substantial support to bolster success in high school mathematics. Course emphasizes algebra and numeracy in a variety of contexts including number sense, proportional reasoning, quantitative reasoning with functions, and solving equations and inequalities.

**Algebra: Concepts and Connections\***

**1 Unit**

**Algebra: Concepts and Connections (Honors)\***

CIP #: 27.08110

Prerequisite: This course is designed for students who have successfully completed Kindergarten through 8th grade mathematics.

Credit Type: L1 or L2; Required for students entering ninth grade in 2023-2024 or later

Description: This course is designed as the first course in a sequence of three high school courses designed to ensure career and college readiness. Students will apply their algebraic and geometric reasoning skills to make sense of problems involving algebra, geometry, bivariate data, and statistics.

**Co-Requisite Algebra Support for Algebra: Concepts and Connections**

**1 Unit**

CIP #: 27.08120

Prerequisite: None

Credit Type: L1; Elective credit only

Description: This course is designed to be used as a co-requisite support course for Algebra: Concepts and Connections to support student learning in the core mathematics course.

**Geometry: Concepts and Connections**

**1 Unit**

**Geometry: Concepts and Connections (Honors)**

CIP #: 27.08210

Prerequisite: GSE Algebra I or Algebra: Concepts and Connections

Credit Type: L1 or L2; Required for students entering ninth grade in 2023-2024 or later

Description: This course is designed as the second course in a three-course series. This course enhances students' geometric, algebraic, graphical, and probabilistic reasoning skills.

**Co-Requisite Geometry Support for Geometry: Concepts and Connections**

**1 Unit**

CIP #: 27.08220

Prerequisite: GSE Algebra I or Algebra: Concepts and Connections

Credit Type: L1; Elective credit only

Description: This course is the second course in a sequence of three high school courses designed to ensure career and college readiness. This course is intended to enhance students' geometric, algebraic, graphical, and probabilistic reasoning skills.

**Advanced Algebra: Concepts and Connections**

**1 Unit**

**Advanced Algebra: Concepts and Connections (Honors)**

CIP #: 27.08310

Prerequisite: GSE Geometry or Geometry: Concepts and Connections

Credit Type: L1 or L2; Required for students entering ninth grade in 2023-2024 or later

Description: This is the third course in a sequence of three high school courses designed to ensure career and college readiness. It is intended to prepare students for fourth course options relevant to their postsecondary pursuits.

**Co-Requisite Advanced Algebra Support for Advanced Algebra: Concepts and Connections****1 Unit**

CIP #: 27.08320

Prerequisite: GSE Geometry or Geometry: Concepts and Connections

Credit Type: L1: Elective credit only

Description: This course is designed to be used as a co-requisite support course for Advanced Algebra: Concepts and Connections to support student learning in the core mathematics course.

**Enhanced Advanced Algebra and AP Precalculus: Concepts and Connections****1 Unit**

CIP #: 27.09310

Prerequisite: Geometry: Concepts and Connections and Teacher recommendations

Credit Type: L3; L3; core or elective credit; satisfies third math requirement; may substitute for 27.08410 (Precalculus)

Description: Enhanced Advanced Algebra & AP Precalculus is a thoughtful blend of topics from Advanced Algebra: Concepts & Connections and Precalculus. This is a single credit course intended to provide students the opportunity to develop a deeper understanding of mathematical concepts that are critical to the study of advanced fourth mathematics course options, including Calculus. Enrollment in AP includes the commitment to take the AP exam.

**Precalculus****1 Unit****Precalculus (Honors)**

CIP #: 27.08410

Prerequisite: GSE Algebra II or Advanced Algebra: Concepts and Connections

Credit Type: L1 or L2; Core or elective credit

Description: Description: Fourth-year math option for students who have completed Advanced Algebra (or the equivalent). The course is intended to provide students with opportunities to develop a deeper understanding of Algebraic concepts that are critical to the study of Calculus. Students will also deepen their understanding of trigonometry and its applications.

**Calculus****1 Unit****Calculus (Honors)**

CIP #: 27.07800

Prerequisite: Precalculus or Enhanced Advanced Algebra and AP Precalculus: Concepts and Connections

Credit Type: L1 or L2; Core or elective credit;

Description: A fourth mathematics course option for students who have completed Pre-Calculus, Mathematics IV or its equivalent. Course includes problem solving, reasoning and estimation, functions, derivatives, applications of the derivative, integrals, and application of the integral. Instruction and assessment should include the appropriate use of technology. Topics should be presented in multiple ways, such as verbal/written, numeric/data-based, algebraic, and graphical. Concepts should be introduced and used, where appropriate, in the context of realistic phenomena.

**Statistical Reasoning****1 Unit**

CIP #: 27.08800

Prerequisite: GSE Algebra II or Advanced Algebra: Concepts and Connections Credit Type: L1; Core or elective credit

Description: A fourth mathematics course option designed to provide experiences in statistics beyond the GSE sequence of courses. Students will strengthen their understanding of the statistical method of inquiry and statistical simulations by formulating statistical questions answered by using data, designing and implementing a plan to collect the appropriate data, selecting appropriate graphical and numerical methods for data analysis, and interpreting results to make connections with the initial question. This course is not recognized as a core mathematics course for STEM majors and may not serve as the best option for students planning to enter a four-year post-secondary institution.

**Advanced Placement (AP) Statistics****1 Unit**

CIP #: 27.07400

Prerequisite: Teacher recommendation

Credit Type: L3; Core or elective credit

Description: Introduces the derivation of knowledge from data and data collection. Explorations are conducted through experiments, surveys, and computer simulations. Presents applications in real-life situations and shows how statistics can be misleading. AP course follows the College Board syllabus for the AP Statistics Examination. Enrollment in AP includes the commitment to take the AP exam.

**Advanced Placement (AP) Calculus AB****1 Unit**

CIP #: 27.07200

Prerequisite: Teacher recommendation and Enhanced Advanced Algebra and AP Precalculus: Concepts and Connections or Precalculus or AP Precalculus

Credit Type: L3; Core or elective credit

Description: Follows the College Board syllabus for the AP Calculus AB Examination, including properties of functions and graphs, limits and continuity, differential and integral calculus. Enrollment in AP includes the commitment to take the AP exam.

**International Baccalaureate (IB) Mathematics: Analysis and Approaches Standard Level (SL), Year 1****1 Unit****International Baccalaureate (IB) Mathematics: Analysis and Approaches Standard Level (SL), Year 2**

CIP #: 27.05310 (Year 1)

CIP #: 27.05320 (Year 2)

Prerequisite: Approval of the school IB coordinator and Advanced Algebra: Concepts and Connections or GSE Algebra II

Credit Type: L3; Core or elective credit

Description: Course intended for students who wish to pursue studies in mathematics at university or subjects that have a large mathematical content; students will develop mathematical arguments, problem solve, and explore real and abstract applications, with and without technology.

**International Baccalaureate (IB) Mathematics: Application and Interpretation Standard Level (SL), Year 1****1 Unit****International Baccalaureate (IB) Mathematics: Application and Interpretation Standard Level (SL), Year 2**

CIP #: 27.05350

CIP #: 27.05360

Prerequisite: Approval of the school IB coordinator and Advanced Algebra: Concepts and Connections or GSE Algebra II

Credit Type: L3; Core or elective credit

Description: Students will use mathematics to solve real world problems using mathematics, harnessing the power of technology and mathematical models.

**Communication Skills in Math (ELL)****1 Unit**

CIP #: 55.02110

Prerequisite: Special placement for limited English speaking students determined through language proficiency testing

Credit Type: L1; Elective credit only

Description: This course supports and enhances literacy and listening skills necessary for success in the mathematics content areas; particular emphasis is on vocabulary, speaking, listening and reading skills in mathematics.

**College Readiness Mathematics (Mathematics Capstone Course)****1 Unit**

CIP #: 27.08900

Prerequisite: GSE Algebra II or Advanced Algebra: Concepts and Connections (or the equivalent)

Credit Type: L1; Core or elective credit

Description: This course is a fourth mathematics option. It is designed to serve as a bridge for high school students into postsecondary opportunities. Students will be expected to complete a mandatory capstone project where they select one of the areas listed in the standard to identify a problem and use mathematical modeling to address it.

## SCIENCE

### Physical Science

**1 Unit**

#### Physical Science (Honors)

CIP #: 40.01100

Prerequisite: Teacher recommendations for Honors

Credit Type: L1 or L2; Core or elective credit; physical science course; **students in ninth grade for the first time in 2008 or later must take Physical Science or Physics I**

Description: Promotes science process skills through study of properties of matter, atomic theory, chemical symbols, stoichiometry, periodic table, organic chemistry, energy, mechanics, waves and energy transfer, electricity and magnetism.

### Biology I\*

**1 Unit**

#### Biology I (Honors)\*

#### Advanced Placement (AP) Biology\*

CIP #: 26.01200

CIP #: 26.01400 (AP)

Prerequisite: Teacher recommendations for Honors; Biology I and credit for or concurrent enrollment in Chemistry required for AP

Credit Type: L1, L2 or L3; **required for students in ninth grade for the first time in 2008 or later (may substitute with AP Biology, or IB Biology, Year 1)**

Description: Introduces science process skills and laboratory safety, research, nature of biology, cellular biology, biochemistry, genetics, evolution, classification, diversity of life, human body, and ecology. AP Biology conforms to the College Board topics for the AP Biology Examination; covers biological chemistry, cells, energy transformations, molecular genetics, heredity, evolution, taxonomy, systematic, and Monera, Protista, fungi, plants, animals, and ecology. Enrollment in AP includes the commitment to take the AP exam.

### International Baccalaureate (IB) Biology, Year 1

**1 Unit**

CIP #: 26.01800

Prerequisite: Approval of the school IB coordinator

Credit Type: L3; Core or elective credit; life science course; **may substitute for the Biology I course requirement**

Description: This course examines the four basic biological concepts: structure and function, universality versus diversity, equilibrium within systems, and evolution. In addition to the course requirements in the selected science, all students must participate in a collaborative science project where concepts and perspectives from across the scientific disciplines are shared with an emphasis on interdisciplinary cooperation and application of the processes of scientific investigation.

### International Baccalaureate (IB) Biology, Year 2

**1 Unit**

CIP #: 26.01900

Prerequisite: Approval of the school IB coordinator

Credit Type: L3; Core or elective credit; life science course

Description: This course will examine the mammalian body systems, the anatomy and physiology of the plant kingdom, the reproductive processes of angiosperms, population and community ecology, and the structure and importance of ecosystems. In addition to the course requirements in the selected science, all students must participate in a collaborative science project where concepts and perspectives from across the scientific disciplines are shared, and an emphasis on interdisciplinary cooperation and application of the processes of scientific investigation are applied.

### Chemistry I

**1 Unit**

#### Chemistry I (Honors)

#### Advanced Placement (AP) Chemistry

CIP #: 40.05100

CIP #: 40.05300 (AP)

Prerequisite: Teacher recommendation for Honors and AP; Chemistry I recommended for AP

Credit Type: L1, L2 or L3; Core or elective credit; physical science course; **students enrolling in ninth grade for the first time in 2008 or later must take Earth Systems, Chemistry I (or AP or IB), or Environmental Science (or AP or IB)**

Description: Introduces chemistry; covers science process skills, units of chemistry, atoms and collections of atoms, periodicity and bonding, compounds and reactions, characteristics of states of matter, acid/base chemistry, chemical dynamics and equilibrium, reference, research skills, and lab safety. AP Chemistry conforms to College Board topics for the AP Chemistry Exam; covers atomic theory and structure, chemical bonding, nuclear chemistry, gases, liquids, solids, solutions, types of reactions, stoichiometry, equilibrium, kinetics, and thermodynamics. Enrollment in AP includes the commitment to take the AP exam.

**Environmental Science** **1 Unit**  
**Environmental Science (Honors)**  
**Advanced Placement (AP) Environmental Science**  
CIP #: 26.06110  
CIP #: 26.06200 (AP)  
Prerequisite: Teacher recommendation for Honors or AP  
Credit Type: L1, L2 or L3; Core or elective credit; life science course; **students enrolling in ninth grade for the first time in 2008 or later must take Chemistry I or Earth Systems or Environmental Science**

Description: Provides the student with the scientific principles, concepts, and the methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Enrollment in AP includes the commitment to take the AP exam.

**Astronomy** **1 Unit**  
CIP #: 40.02100  
Prerequisite: None  
Credit Type: L1; core or elective credit; physical science course

Description: Provides student with introduction to concepts of modern astronomy, the origin and history of the Universe and formation of Earth and solar system. Students will compare the Earth's properties with those of the other planets and explore how the heavens have influenced human thought and action. Includes description of astronomical phenomena using laws of physics; planets, stars, Milky Way and other galaxies, and black holes. Explores esoteric questions concerning origin of the universe, its evolution and fate. Requires use of sophomore-high level mathematics.

**Forensic Science** **1 Unit**  
**Forensic Science (Honors)**  
CIP #: 40.09300  
Prerequisite: None  
Credit Type: L1 or L2; **Elective credit only for students enrolling in ninth grade for the first time prior to 2008; Core or elective for students first entering ninth grade in 2008 or later;** physical science course

Description: Students will explore how forensic science is use in criminal investigations, will apply the principles of forensic science to hypothetical crimes, and will use the scientific process to solve fictional crimes.

**Human Anatomy and Physiology** **1 Unit**  
**Human Anatomy and Physiology (Honors)**  
CIP #: 26.07300  
Prerequisite: Teacher recommendation for Honors  
Credit Type: L1 or L2; Core or elective credit; life science course

Description: Covers science process skills and laboratory safety, body organization, chemistry of life, cells and tissues, homeostasis, skeletal system, muscular system, nervous system, endocrine system, circulatory system, respiratory system, digestive system, metabolism, urinary system, integumentary system, and reproduction system.

**International Baccalaureate (IB) Chemistry, Year 1** **1 Unit**  
CIP #: 40.05500  
Prerequisite: Approval of the school IB coordinator, Chemistry & Advanced Algebra recommended  
Credit Type: L3; Core or elective credit; physical science course

Description: Provides a rigorous survey of university level topics in chemistry presented in a global/international context; students will review current and historical research from all nations with students from a variety of cultural origins.

**International Baccalaureate (IB) Chemistry, Year 2** **1 Unit**  
CIP #: 40.05600  
Prerequisite: Approval of the school IB coordinator, Chemistry & Advanced Algebra recommended  
Credit Type: L3; Core or elective credit; physical science course

Description: Extends the rigorous survey of university level topics in chemistry that include laws in physics and mathematical formalism that can be applied at the molecular level to biology and at the practical level to medicine.

**International Baccalaureate (IB) Design Technology, Year 1****1 Unit****International Baccalaureate (IB) Design Technology, Year 2**

CIP #: 40.09500 (Year 1)

CIP #: 40.09600 (Year 2)

Prerequisite: Approval of the school IB coordinator, Advanced Algebra recommended

Credit Type: L3; Core or elective credit; general advanced science course

Description: Inquiry and problem-solving are at the heart of the subject. The design cycle is used as a tool, or methodology to structure the inquiry and analysis of problems, the development of feasible solutions, and the testing and evaluation of the solution. A solution may be a model, prototype, product or system developed by the student. Students will develop a keen knowledge and use of the design cycle, critical thinking, and problem-solving skills while applying them practically in a real-life context. Students explore and research real world problems to identify and work toward solutions using the design process.

**Physics I****1 Unit****Physics I (Honors)****Advanced Placement (AP) Physics 1**

CIP #: 40.08100

CIP #: 40.08310 (AP)

Prerequisite: Teacher recommendation for Honors; Accelerated Analytic Geometry/Advanced Algebra; Analytic Geometry; Advanced Algebra for AP

Credit Type: L1, L2 or L3; Core or elective credit; physical science course; **students first entering ninth grade in 2008 or later must take Physical Science or Physics I**

Description: Covers basic mechanics, kinetic theory, thermodynamics, wave mechanics, electricity, particle physics, and reference, research skills, lab safety, and process skills. AP course is algebra-based, introductory college level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. Course based on six Big Ideas encompassing core scientific principles, theories, and processes that cut across traditional boundaries and provide a broad way of thinking about the physical world. Enrollment in AP includes the commitment to take the AP exam.

**International Baccalaureate (IB) Physics, Year 1****1 Unit**

CIP #: 40.08500

Prerequisite: Approval of the school IB coordinator

Credit Type: L3; Core or elective credit; physical science course

Description: Introduces laws of physics, experimental skills required in physics, and social and historical aspects of physics as an evolving body of human knowledge about nature. Includes measurement, mechanics, thermal physics and properties of matter, waves, electricity and magnetism, and atomic and nuclear physics.

**International Baccalaureate (IB) Physics, Year 2****1 Unit**

CIP #: 40.08600

Prerequisite: Approval of the school IB coordinator &amp; IB Physics, Year 1

Credit Type: L3; Core or elective credit; physical science course

Description: Focuses on electricity and magnetism, atomic physics, optics, and relativity. Students complete two of five options on similar topics. To meet this aim, twenty-five percent of a student's classroom time must be devoted to performing practical (lab) work that covers a range of topics and skills, including a multi-disciplinary group science project.

**Communication Skills in Science (ELL)****1 Unit**

CIP #: 55.02120

Prerequisite: Special placement for limited English speaking students determined through language proficiency testing

Credit Type: L1; Elective credit only

Description: This course supports and enhances literacy and listening skills necessary for success in the science content areas; particular emphasis is on vocabulary, speaking, listening and reading skills in science.



**Reading and Writing in Science (ELL)****1 Unit**

CIP #: 55.02600

Prerequisite: Special placement for limited English speaking students determined through language proficiency testing

Credit Type: L1; Elective credit only

Description: This course supports and enhances reading and writing skills in science and provides students with strategies for reading and comprehending scientific texts.

**Life Sciences Work-Based Learning (WBL) Placement****.5 or 1 Unit****Life Sciences Work-Based Learning (WBL) Placement (Honors)**

CIP #: 26.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**Physical Sciences Work-Based Learning (WBL) Placement****.5 or 1 Unit****Physical Sciences Work-Based Learning (WBL) Placement (Honors)**

CIP #: 40.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**Advanced Placement (AP) Human Geography****1 Unit**

CIP #: 45.07700

Prerequisite: Teacher recommendation

Credit Type: L3; Elective credit only

Description: Introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students employ spatial concepts and landscape analysis to interpret human social organization and its environmental consequences. Enrollment in AP includes the commitment to take the AP exam.

**World History****1 Unit****World History (Honors)****Advanced Placement (AP) World History: Modern**

CIP #: 45.08300

CIP #: 45.08110 (AP)

Prerequisite: Teacher recommendation for Honors/AP

Credit Type: L1, L2 or L3; **Required for all students first entering ninth grade in 2008 or later**

Description: Emphasizes the political, cultural, economic and social development and growth of civilizations; covers the emergence of nations through trade/communications, intellectual development, scientific/technological development, emergence of nation states, nations in conflict and the emerging interdependence of nations in the first and twenty first centuries. Enrollment in AP includes the commitment to take the AP exam.

**United States History\*****1 Unit****United States History (Honors)\*****Advanced Placement (AP) United States History\***

CIP #: 45.08100

CIP #: 45.08200 (AP)

Prerequisite: Teacher recommendation for Honors and AP

Credit Type: L1, L2 or L3; **Required for all students** (may substitute with AP U.S. History or IB History of the Americas, Year 1)

Description: Investigates the United States, its people, institutions and heritage; emphasizes political, cultural and social issues, the role of the United States as a world leader and the issues confronting the United States today. AP course includes discovery and settlement, Colonial Society, American Revolution, Constitution and the New Republic, Age of Jefferson, Nationalism, Sectionalism, Territorial Expansion, Civil War, Reconstruction, Industrialization, Progressive Era, World War I, Depression, New Deal, World War II, The Cold War. Enrollment in AP includes the commitment to take the AP exam.

**American Government/Civics****.5 Unit****American Government/Civics (Honors)****Advanced Placement (AP) Government/Politics: United States**

CIP #: 45.05700

CIP #: 45.05200 (AP)

Prerequisite: Teacher recommendation for Honors and AP

Credit Type: L1, L2 or L3; **Required for all students** (may substitute with AP Government/Politics: United States)

Description: Focuses on the foundation, principles and structure of the American system of government, examines the role of political parties, social factors as they relate to the role of the citizen, and analyzes the decision-making process that are a part of the system of American political behavior. This course meets the state's Citizenship requirement for graduation. AP course conforms to College Board topics for the AP exam; includes federalism, separation of powers, influences on the formulation and adoption of the Constitution, political beliefs, political parties and elections, interest groups, institutions and policy processes and civil liberties and civil rights. Enrollment in AP includes the commitment to take the AP exam.

<b>Personal Finance and Economics</b>	<b>.5 Unit</b>
<b>Personal Finance and Economics (Honors)</b>	<b>.5 Unit</b>
<b>Advanced Placement (AP) Macroeconomics</b>	<b>1 Unit</b>
<b>Advanced Placement (AP) Microeconomics</b>	<b>1 Unit</b>

CIP #: 45.06100

CIP #: 45.06200 (AP Macroeconomics)

CIP #: 45.06300 (AP Microeconomics)

Prerequisite: Teacher recommendation for Honors

Credit Type: L1, L2 or L3; **Required for all students** (may substitute with AP Macro or Microeconomics, or IB Economics, Year 1)

Description: In addition to the fundamentals of economic decision-making, microeconomics, macroeconomics, and international economics, students will learn personal finance skills they can apply to their own futures – including managing and balancing budgets; understanding and building credit; protecting against identity theft and consumer protections; and understanding tax forms, student loan applications, and pay stubs. Economics is the study of how individuals, businesses, and governments make decisions about the allocation of scarce resources. This course provides students with a foundation in the field of economics, with a specific focus on how students can apply that knowledge to their own personal finances. AP Macroeconomics focuses on basic economic concepts, measurement of economic performance, national income and price determination and international economics and growth; AP Microeconomics focuses on basic economic concepts, the nature and functions of product markets, factor markets and efficiency. Enrollment in AP includes the commitment to take the AP exam.

<b>International Baccalaureate (IB) History of the Americas, Year 1</b>	<b>1 Unit</b>
<b>International Baccalaureate (IB) History of the Americas, Year 2</b>	

CIP #: 45.08700 (Year 1)

CIP #: 45.08930 (Year 2)

Prerequisite: Approval of the school IB coordinator

Credit Type: L3; Elective credit; **May substitute for the U.S. History course requirement**

Description: Comprehensive examination of major events that have shaped the history of the western hemisphere, and a look at the individuals from the past and their struggles for basic goals such as freedom, equality, and economic opportunity; includes the importance of historical evidence and various perspectives in the western hemisphere during 1845-1945.

<b>International Baccalaureate (IB) Psychology, Year 1</b>	<b>1 Unit</b>
<b>International Baccalaureate (IB) Psychology, Year 2</b>	

CIP #: 45.01700 (Year 1)

CIP #: 45.01710 (Year 2)

Prerequisite: Approval of the school IB coordinator; courses must be taken in sequence

Credit Type: L3; Elective credit

Description: Comprehensive examination of the methodology, perspectives, ethics, and cultural influences on the scientific study of behaviors and mental processes that have become the field of psychology; will study psychology through three major perspectives: Biological, Cognitive, and Learning with an emphasis on the cross-cultural similarities and differences in psychology. Assumptions of psychology addressed include motivations underlying human behavior, social interaction, language and thinking, memory and emotion.

<b>International Baccalaureate (IB) World Religions, Year 1</b>	<b>1 Unit</b>
<b>International Baccalaureate (IB) World Religions, Year 2</b>	

CIP #: 45.01110 (Year 1)

CIP #: 45.01120 (Year 2)

Prerequisite: Approval of the school IB coordinator; courses must be taken in sequence

Credit Type: L3; Elective credit

Description: A systematic, analytical yet empathetic study of the variety of beliefs and practices encountered in nine main religions of the world. The course seeks to promote an awareness of religious issues in the contemporary world by requiring the study of a diverse range of religions. The religions are studied in such a way that students acquire a sense of what it is like to belong to a particular religion and how that influences the way in which the followers of that religion understand the world, act in it, and relate and respond to others. The aims of the world religions standard level courses are to: promote an inquiring, analytical and empathetic approach to the study of religion; develop an informed understanding of the diversity of world religions; foster a respectful awareness of the significance of the beliefs and practices for the faith member; develop an understanding of how religion affects people's lives; encourage a global appreciation of the issues surrounding religious and spiritual beliefs, controversies and movements in the world today; and promote responsible and informed international citizenship.

**Current Issues****.5 or 1 Unit**

CIP #: 45.01200

Prerequisite: None

Credit Type: L1; Elective credit

Description: Analyzes current issues and influences that are related to these issues and examines how decisions are made concerning those issues. Integrates and reinforces social studies skills

**Psychology****.5 or 1 Unit****Advanced Placement (AP) Psychology****1 Unit**

CIP #: 45.01500

CIP #: 45.01600 (AP)

Prerequisite: None; teacher recommendation for AP

Credit Type: L1 or L3; Elective credit

Description: First half investigates the principles of psychology for human behavior in relation to human development, learning/cognition, and personality. Second half investigates the principles of psychology in relation to psychological disorders, methods of therapy, social cognition and social interaction. Investigation of methodologies for study and research development. Integrates and reinforces social studies skills. AP course includes methods, approaches and the history of psychology as a science, biological bases of behavior, sensation and perception, learning, developmental psychology, personality, testing and individual differences, abnormal psychology, treatment of psychological disorders and social psychology. Enrollment in AP includes the commitment to take the AP exam.

**Sociology****.5 or 1 Unit**

CIP #: 45.03100

Prerequisite: None

Credit Type: L1; Elective credit

Description: First half of course investigates principles of sociology, the individual in groups, social institutions, social control and the use of research methods to examine social problems. Second half of course investigates the principles of social institutions, economy, politics, education, religion, and the current issues in sociology including population shifts, collective behavior and social change. Methodologies for study and research development for these areas will be investigated. Integrates and reinforces social studies skills.

**Peer Leadership I****.5 or 1 Unit**

CIP #: 45.05900

Prerequisite: Teacher recommendation

Credit Type: L1; Elective credit

Description: Investigates what it means to be a leader and guides students in exercising leadership. Course provides a focus for leadership learning via student-centered experience, including guided and independent activities. Leadership opportunities offered both inside and outside the classroom setting. Concepts to be covered include goal setting, team building, communication, problem solving, motivation, and community and civic responsibility skills.

**US History in Film****1 Unit**

CIP #: 45.08120

Prerequisite: None

Credit Type: L1; Elective credit

Description: Explores United States history through film. Course includes analysis and interpretation of events through both print and film.

**Personal Financial Literacy****.5 or 1 Unit**

CIP #: 45.06700

Prerequisite: None

Credit Type: L1; Elective credit

Description: Course explores income, budgeting, payment for goods and services, credit and interest rates, financial institutions, investments, insurance and risk management, taxation, consumer protection, and identity theft.

**World Area Studies****1 Unit****World Area Studies (Honors)**

CIP #: 45.09200

Prerequisite: Enrollment in Johnson High School's JISA Program

Credit Type: L1 or L2; Elective credit

Description: Examination of the how the global society impacts the individual and how the individual impacts the global society. Topics will include human rights, world poverty, ecology, migration of people, population growth, and the scarcity of resources.

**World Geography****.5 or 1 Unit**

CIP #: 45.07110

Prerequisite: None

Credit Type: L1; Elective credit

Description: Provides an introduction to both physical and cultural geography. For each major region, students learn the importance of the physical geography and its impact on the region's development. Also include the cultural aspects of each region and examination of the influence of geography on the cultural development of each region.

**Communication Skills in Social Studies (ELL)****1 Unit**

CIP #: 55.02130

Prerequisite: Special placement for limited English speaking students determined through language proficiency testing

Credit Type: L1; Elective credit only

Description: This course supports and enhances literacy and listening skills necessary for success in the social studies content areas; particular emphasis is on vocabulary, speaking, listening and reading skills in social studies.

**Social Sciences Work-Based Learning (WBL) Placement****.5 or 1 Unit****Social Sciences Work-Based Learning (WBL) Placement (Honors)**

CIP #: 45.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**Spanish I, II****1 Unit****Spanish I – V (Honors)**

CIP #: 60.07100 (I)

CIP #: 60.07200 (II)

CIP #: 60.07300 (III)

CIP #: 60.07400 (IV)

CIP #: 60.07500 (V)

CIP #: 60.07600 (VI)

Prerequisite: Courses must be taken in sequence; Virtual format available with approval of Instructional Coordinator

Credit Type: L1 or L2; Core or elective credit; *Spanish I, II, and I – IV Honors available as E-courses*

Description: Emphasizes listening, speaking, reading, and writing. Includes how to ask and respond to basic questions, to speak and read within a range of carefully selected topics and to develop an understanding of Spanish-speaking cultures. Honors level courses emphasize the acquisition of authentic language which includes recognizing the nuances, idiomatic phrases and regional differences of the language. In addition, students will learn to understand the language spoken at a normal rate and will increase their abilities to accurately express themselves on a variety of topics both orally and in writing to an increasingly advanced level of proficiency.

**Advanced Placement (AP) Spanish Language and Culture****1 Unit**

CIP #: 60.07700

Prerequisite: Spanish I-III

Credit Type: L3; Core or elective credit

Description: Emphasizes the ability to comprehend formal and informal spoken Spanish, to acquire the vocabulary and grasp of structure to read newspapers, magazines and Hispanic literature, and to compose expository passages and to speak accurately and fluently. Enrollment in AP includes the commitment to take the AP exam.

**Advanced Placement (AP) Spanish Literature and Culture****1 Unit**

CIP #: 60.08110

Prerequisite: Spanish I-III

Credit Type: L3; Core or elective credit

Description: Study of required authors and selected works for the AP Exam; emphasizes the ability to understand a lecture in Spanish and discuss literary topics in Spanish, to read Hispanic literary texts in all genres and to analyze critically form and content of literary works orally and in writing using appropriate terminology. Enrollment in AP includes the commitment to take the AP exam.

**Spanish for Native Spanish Speakers I, II, III****1 Unit****Spanish for Native Spanish Speakers I, II, III (Honors)**

CIP #: 60.07900 (I)

CIP #: 60.07910 (II)

CIP #: 60.07920 (III)

Prerequisite: Courses must be taken in sequence

Credit Type: L1 or L2; Core or elective credit

Description: Designed for Heritage Language Learners of Spanish; students will develop reading, writing, speaking and listening skills, and will develop an awareness and understanding of Hispanic cultures, such as language variations, customs, and current events.

**International Baccalaureate (IB) Spanish A, Year 1****1 Unit****International Baccalaureate (IB) Spanish A, Year 2**

CIP #: 60.07810 (Year 1)

CIP #: 60.07820 (Year 2)

Prerequisite: Approval of the school IB coordinator, Spanish for Native Speakers I &amp; II OR Spanish I-IV; must be taken in sequence

Credit Type: L3; Core or elective credit

Description: Native Speakers of Spanish will develop a critical response to Spanish literature that is expressed clearly and concisely, and held to an international standard of excellence to ensure the advanced nature of learning in preparation for IB examinations. Students experience high-level analysis and advanced composition throughout in preparation for the IB exam.

**International Baccalaureate (IB) Spanish, Year 1**  
**International Baccalaureate (IB) Spanish, Year 2**

**1 Unit**

CIP #: 60.07130 (Year 1)

CIP #: 60.07160 (Year 2)

Prerequisite: Approval of the school IB coordinator & Spanish II; courses must be taken in sequence; not a first or second year course

Credit Type: L3; Core or elective credit

Description: Advanced courses designed to expand the students' ability to communicate in Spanish and discuss issues related to literature, history, social issues, politics, and current events; classes will be conducted in Spanish, and the students will have many proficiency-based opportunities to practice their skills in listening, speaking, reading and writing.

**International Baccalaureate (IB) Spanish ab initio, Year 1**  
**International Baccalaureate (IB) Spanish ab initio, Year 2**

**1 Unit**

CIP #: 60.07170 (Year 1)

CIP #: 60.07180 (Year 2)

Prerequisite: Approval of the school IB coordinator; courses must be taken in sequence

Credit Type: L3; Core or elective credit

Description: Designed for IB Diploma students who have had little to no previous experience learning the Spanish language. The main objective of the courses will be to provide students with the skills that are necessary for them to be able to handle everyday situations in a Spanish-speaking environment. The course will cover the skills of speaking, listening, reading, and writing and will enable students to know how to respond appropriately and spontaneously in a wide range of different circumstances.

**Chinese I, II**  
**Chinese III – V (Honors)**

**1 Unit**

CIP #: 62.01100 (I)

CIP #: 62.01200 (II)

CIP #: 62.01300 (III)

CIP #: 62.01400 (IV)

CIP #: 62.01500 (V)

Prerequisite: Courses must be taken in sequence

Credit Type: L1 or L2; Core or elective credit; *Chinese I, II and III available as E-course*

Description: Emphasizes listening, speaking, reading, and writing. Includes how to ask and respond to basic questions, to speak and read within a range of carefully selected topics and to develop an understanding of Chinese-speaking cultures. Honors level emphasizes the acquisition of authentic language which includes recognizing the nuances, idiomatic phrases and regional differences of the language; in addition, students will learn to accurately express themselves to an increasingly advanced level of proficiency.

**Portuguese I, II, III, IV, V**  
**Portuguese I – V (Honors)**

**1 Unit**

CIP #: 60.05100 (I)

CIP #: 60.05200 (II)

CIP #: 60.05300 (III)

CIP #: 60.05400 (IV)

CIP #: 60.05500 (V)

Prerequisite: Courses must be taken in sequence

Credit Type: L1; Core or elective credit

Description: Emphasizes listening, speaking, reading, and writing. Includes how to ask and respond to basic questions, to speak and read within a range of carefully selected topics and to develop an understanding of Portuguese-speaking cultures.

**Spoken Languages Work-Based Learning (WBL) Placement**  
**Spoken Languages Work-Based Learning (WBL) Placement (Honors)**

**.5 or 1 Unit**

CIP #: 63.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

<b>FINE ARTS</b>
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<b>THEATRE ARTS</b>
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**Theatre Arts/Fundamentals I – IV****.5 or 1 Unit**

CIP #: 52.02100 (I)

CIP #: 52.02200 (II)

CIP #: 52.02300 (III)

CIP #: 52.02400 (IV)

Prerequisite: Courses must be taken in sequence

Credit Type: L1; Core or elective credit

Description: Develops and applies performance strategies of basic vocal, physical and emotional exercises in scene study, while including improvisation and technical art forms. Year II develops and applies performance skills through basic vocal, physical and emotional exercises; includes improvisation and scene study and related technical art forms. Year II-IV provides producing and studying children's theater and literature in depth with performance opportunities. Year IV engages students in writing plays; explores the role of the playwright; students learn by researching, evaluating and synthesizing cultural and historical information to support artistic choice, and analyzing, critiquing, and constructing meanings from informal and formal theatre, film and electronic media.

**Theatre Arts/Advanced Drama I, II, III, IV****1 Unit****Theatre Arts/Advanced Drama I, II, III, IV (Honors)**

CIP #: 52.05100 (I)

CIP #: 52.05200 (II)

CIP #: 52.05230 (III)

CIP #: 52.05240 (IV)

Prerequisite: Courses must be taken in sequence

Credit Type: L1 or L2; Core or elective credit

Description: Introduces acting and theater as disciplined art forms; covers methods to observe and understand human behavior and to use these observations to create a character; includes basic techniques of stage movement and use of physical expression for communication. Enhances vocal techniques; uses historical, textual and improvisational studies.

**Theatre Arts/Musical Theater I, II, III, IV****1 Unit****Theatre Arts/Musical Theater I, II, III, IV (Honors)**

CIP #: 52.03100 (I)

CIP #: 52.03200 (II)

CIP #: 52.03300 (III)

CIP #: 52.03400 (IV)

Prerequisite: Courses must be taken in sequence

Credit Type: L1 or L2; Core or elective credit

Description: Introduces the style and characteristic elements of modern musical theater. Covers production staging, orchestration, voice and dance; offers an opportunity for team teaching through interdisciplinary collaboration with the chorus, band, art, technology, physical education and dance instructors. Focuses on voice production, character study, and choreography as related to production.

**Theatre Arts/Technical Theater I, II, III, IV****.5 or 1 Unit****Theatre Arts/Technical Theater I, II, III, IV (Honors)**

CIP #: 52.04100 (I)

CIP #: 52.04200 (II)

CIP #: 52.04300 (III)

CIP #: 52.04400 (IV)

Prerequisite: Courses must be taken in sequence

Credit Type: L1 or L2; Core or elective credit

Description: Introduces students to the fundamentals of technical theatre: sound, lights, stage management, scenic design, costumes, etc. Students will also be members of the running crew for theatre productions.



**Lighting Design I****1 Unit**

CIP #: 52.04500

Prerequisite: Teacher recommendation

Credit Type: L1; Core or elective

Description: Introduces techniques of lighting design for theatre, covering script analysis, lighting instruments, color media, control consoles, conventional lighting techniques, lighting plots, equipment maintenance, and working with performers and patrons of the arts.

**Theatre Arts Literature I****1 Unit**

CIP #: 52.008100

Prerequisite: Teacher recommendation

Credit Type: L1; Core or elective

Description: Course analyzes and constructs meaning from theatrical experiences, dramatic experiences, and electronic media. Students develop scripts, act in a variety of situations and environments, design and execute artistic and technical elements of theatre, direct rehearsals, research cultural and historical information to support artistic choices, and examine theatre of past and present civilizations.

**International Baccalaureate (IB) Theatre, Year 1****1 Unit****International Baccalaureate (IB) Theatre, Year 2**

CIP #: 52.05300 (Year 1)

CIP #: 52.05400 (Year 2)

Prerequisite: Approval of the school IB coordinator; Year 1 course is a prerequisite for the Year 2 course

Credit Type: L3; Core or elective credit

Description: Provides understanding of the importance of working as individuals and members of an ensemble; students gain greater understanding of own perspectives while appreciating perspectives of diverse peoples; provides opportunity to explore different dramatic forms, develop a sense of internationalism, and acquire skills in depth and breadth to be used in various performance areas.

**Dramatic Writing (Film, Television, and Theatre I)****1 Unit**

CIP #: 52.09200

Prerequisite: None

Credit Type: L1; Core or elective; **beginning in the 2018-19 school year, students who earn 1 unit of credit for this course may also receive 1 unit of credit for Advanced Composition (23.03400) earning the same grade for both courses**

Description: Applies skills to culminate in creating and developing dramatic writing for theatrical media with special emphasis on film and television. Includes development of "writerly stance" by reading, viewing, and analyzing texts and visual media from a writer's point of view, with focus on understanding the construction process and including the application of conventions of standard English grammar and usage.

Note: This course meets fourth English Language Arts core requirement.

**Theatre Arts Work-Based Learning (WBL) Placement****.5 or 1 Unit****Theatre Arts Work-Based Learning (WBL) Placement (Honors)**

CIP #: 52.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**MUSIC****Music Appreciation I, II****.5 or 1 Unit**

CIP #: 53.01400

CIP #: 53.01500

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: Introduces production and performance; covers terminology and idioms, elements of music, perceptive listening and attitudes and appreciation; stresses the ability to become a literate consumer and the ability to speak and write about music.

**Music Theory & Composition****1 Unit****Advanced Placement (AP) Music Theory**

CIP #: 53.02100 (Beginning)

CIP #: 53.02200 (Intermediate)

CIP #: 53.02270 (Advanced)

CIP #: 53.02300 (AP)

Prerequisite: None

Credit Type: L1 or L3; Core or elective credit

Description: Introduces fundamentals of organized sound and rules of Western music composition; opportunity to create original works. AP covers terminology and notational skills, writing skills, visual analysis, aural skills, and advanced levels of understanding. Enrollment in AP includes the commitment to take the AP exam.

**Beginning Band I, II****.5 or 1 Unit**

CIP #: 53.03610

CIP #: 53.03620

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: L1; Core or elective credit

Description: Opportunities to develop performance skills on wind or percussion instrument; emphasizes performance and production, analysis, historical and cultural influences, improvisation and appreciation of music. Concepts and demands found in Grade1 level literature.

**Intermediate Band I – IV****.5 or 1 Unit**

CIP #: 53.03710 (I)

CIP #: 53.03720 (II)

CIP #: 53.03730 (III)

CIP #: 53.03740 (IV)

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: L1; Core or elective credit

Description: Provides opportunities to increase performance skills and precision on a wind or percussion instrument; includes analysis and theoretical studies, historical and cultural contributions, creative aspects of music, and strengthening reading skills. Concepts and demands found in Grades 2 and 3 level literature.

**Intermediate Instrumental Ensemble I – IV****1 Unit**

CIP #: 53.07510 (I)

CIP #: 53.07520 (II)

CIP #: 53.07530 (III)

CIP #: 53.07540 (IV)

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: L1; Core or elective credit

Description: Provides opportunities to increase performance skills and precision on a wind or percussion instrument; includes analysis and theoretical studies, historical and cultural contributions, creative aspects of music, and strengthening reading skills. Concepts and demands found in Grades 2 and 3 level literature.

**Intermediate Jazz I – IV****1 Unit**

CIP #: 53.06510 (I)

CIP #: 53.06520 (II)

CIP #: 53.06530 (III)

CIP #: 53.06540 (IV)

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: L1; Core or elective credit

Description: Offers opportunities for intermediate-level performers to increase performance skills and knowledge on instruments or voice in a jazz idiom; includes performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music (especially improvisation and composition) and appreciation of music. Emphasizes jazz as an indigenous American art form and a major component of our cultural heritage. Concepts and demands found in Grades 2 and 3 level literature.

**Advanced Band I – IV****.5 or 1 Unit****Advanced Band III, IV (Honors)**

CIP #: 53.03810 (I)

CIP #: 53.03820 (II)

CIP #: 53.03830 (III)

CIP #: 53.03840 (IV)

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence; teacher recommendation required for Honors

Credit Type: L1 or L2; Core or elective credit

Description: For the advanced-level performer to increase, develop and refine performance skills and precision; covers performance and production, analysis and theoretical studies, aspects of music and appreciation of music at advanced levels of understanding; stresses self-paced progress in an increasing breadth of repertoire, individual learning strategies and ensemble experiences. Concepts and demands found in Grades 4 and 5 level literature.

**Advanced Instrumental Ensemble I – IV****1 Unit****Advanced Instrumental Ensemble III, IV (Honors)**

CIP #: 53.07610 (I)

CIP #: 53.07620 (II)

CIP #: 53.07630 (III)

CIP #: 53.07640 (IV)

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: L1 or L2; Core or elective credit

Description: For the advanced-level performer to increase, develop and refine performance skills and precision; covers performance and production, analysis and theoretical studies, aspects of music and appreciation of music at advanced levels of understanding; stresses self-paced progress in an increasing breadth of repertoire, individual learning strategies and ensemble experiences. Concepts and demands found in Grades 4 and 5 level literature.

**Advanced Jazz I – IV****1 Unit**

CIP #: 53.06610 (I)

CIP #: 53.06620 (II)

CIP #: 53.06630 (III)

CIP #: 53.06640 (IV)

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: L1 or L2; Core or elective credit

Description: Offers opportunities for advanced-level performers to increase performance skills & knowledge on instruments or voice in a jazz idiom; includes performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music (especially improvisation and composition) and appreciation of music. Emphasizes jazz as an indigenous American art form and a major component of our cultural heritage. Concepts and demands found in Grades 4 and 5 level literature.

**Mastery Band I – IV****1 Unit****Mastery Band I – IV (Honors)**

CIP #: 53.03910 (I)

CIP #: 53.03920 (II)

CIP #: 53.03930 (III)

CIP #: 53.03940 (IV)

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: L1 or L2 Core or elective credit

Description: For the advanced-level performer to increase, develop and refine performance skills and precision; covers performance and production, analysis and theoretical studies, aspects of music and appreciation of music at advanced levels of understanding; stresses self-paced progress in an increasing breadth of repertoire, individual learning strategies and ensemble experiences. Concepts and demands found in Grade 6 level literature.

**Beginning Music Technology****1 Unit**

CIP #: 53.02210

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: Students learn how to use digital tools and resources to create, present, respond, and connect to music as an art form and/or industry.

**Beginning Chorus I – IV****.5 or 1 Unit**

CIP #: 54.02110 (I)

CIP #: 54.02120 (II)

CIP #: 54.02130 (III)

CIP #: 54.02170 (IV)

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: L1; Core or elective credit

Description: Provides opportunities to develop performance skills and knowledge in ensemble singing; may include choral literature from any style period; covers analysis and theoretical studies, historical and cultural influences, and creative aspects of music. Concepts and demands found in Class C – D choral literature.

**Intermediate Choral Ensemble I – III****.5 or 1 Unit**

CIP #: 53.07210 (I)

CIP #: 53.07220 (II)

CIP #: 53.07230 (III)

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence Credit Type: L1; Core or elective credit

Description: Provides opportunities to increase intermediate-level performance skills and knowledge in ensemble choral singing; covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music; stresses individual progress and group experiences; offers smaller ensemble experiences. Concepts and demands found in Class B – C literature.

**Intermediate Chorus I – IV****.5 or 1 Unit**

CIP #: 54.02210 (I)

CIP #: 54.02220 (II)

CIP #: 54.02230 (III)

CIP #: 54.02270 (IV)

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence Credit Type: L1; Core or elective credit

Description: Provides opportunities to increase intermediate-level performance skills and knowledge in choral singing; covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music; stresses individual progress and group experiences; offers larger choral singing experiences. Concepts and demands found in Class B – C literature.

**Advanced Choral Ensemble I – IV****.5 or 1 Unit**

CIP #: 53.07310 (I)

CIP #: 53.07320 (II)

CIP #: 53.07330 (III)

CIP #: 53.07340 (IV)

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: L1 or L2; Core or elective credit

Description: Provides opportunities for advanced-level performers to increase performance skills and knowledge in ensemble choral singing; includes madrigal, notes, quartet and solo literature of all style periods; covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Concepts and demands found in Class A – B literature.

**Advanced Chorus I – IV****.5 or 1 Unit**

CIP #: 54.02310 (I)

CIP #: 54.02320 (II)

CIP #: 54.02330 (III)

CIP #: 54.02340 (IV)

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: L1 or L2; Core or elective credit

Description: Provides opportunities for advanced-level performers to increase performance skills and knowledge in choral singing; covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Concepts and demands found in Class A – B literature.

**Beginning Piano I - IV****1 Unit**

CIP #: 53.09410 (I)

CIP #: 53.09420 (II)

CIP #: 53.09430 (III)

CIP #: 53.09440 (IV)

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: Credit Type: L1; Core or elective credit

Description: Introduces basic piano keyboard techniques. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music and appreciation of music. Provides an individualized setting.

**Music Work-Based Learning (WBL) Placement****.5 or 1 Unit****Music Work-Based Learning (WBL) Placement (Honors)**

CIP #: 53.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**VISUAL ARTS****Visual Arts Comprehensive I – V****.5 or 1 Unit**

CIP #: 50.02110 (I)

CIP #: 50.02120 (II)

CIP #: 50.02130 (III)

CIP #: 50.02400 (IV)

CIP #: 50.02600 (V)

Prerequisite: Visual Arts Comprehensive I; Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: L1; Core or elective credit

Description: Introduces art history, art criticism, aesthetic judgment and studio production; emphasizes the ability to use elements and principles of design through a variety of media, processes and visual resources; explores master artworks for historical and cultural significance. Year II emphasizes knowledge and application of design elements. Explores different two-and three-dimensional art media and processes. Year III provides practice in applying design elements and principles of design; stresses idea development through production and creativity and through the study of master artists. Year IV provides opportunities for in-depth application of design elements and principles of design in two-and three-dimensional art media and processes.

**Visual Arts/Ceramics I – IV****1 Unit**

CIP #: 50.04110 (I)

CIP #: 50.04120 (II)

CIP #: 50.04130 (III)

CIP #: 50.04140 (IV)

Prerequisite: Visual Arts Comprehensive I; Courses must be taken in sequence

Credit Type: L1; Core or elective credit

Description: Introduces clay design by using various techniques of construction and decoration; emphasizes hand building and other forming techniques, surface decoration and glaze applications. Year II provides design techniques through hand building or throwing on the potter's wheel; introduces formulation of basic glazes and kiln firing; stresses evaluation of clay forms through art criticism. Year III presents ceramic/pottery forms in historical context; explores ideas and questions about purposes and functions of ceramic forms, past and present. Year IV emphasizes form and surface treatments using tools, glazes, resists and multiple clay bodies.

**Applied Design I****1 Unit**

CIP #: 50.04310

Prerequisite: Visual Arts Comprehensive I

Credit Type: L1; Core or elective credit

Description: Emphasizes design elements and principles in the production of applied design art products and/or designs such as architecture, advertisements, graphic designs, environmental designs, and product designs. Stresses proper use of equipment and vocabulary and technical terms. Investigates the computer and its influence on and role in creating contemporary designs. Includes a cultural and historical study of master design works of different periods and styles.

**Visual Arts/Drawing I, II****1 Unit**

CIP #: 50.03110 (I)

CIP #: 50.03120 (II)

Prerequisite: Visual Arts Comprehensive I; Courses must be taken in sequence

Credit Type: L1; Core or elective credit

Description: Explores a variety of drawing techniques and media; emphasizes basic drawing skills and critical analysis for responding to drawings of different historical styles and period; examines solutions to drawing problems.

**Visual Arts/Drawing & Painting I, II****1 Unit**

CIP #: 50.03130 (I)

CIP #: 50.03140 (II)

Prerequisite: Visual Arts Comprehensive I; Courses must be taken in sequence

Credit Type: L1; Core or elective credit

Description: Explores techniques and a range of drawing and painting media; stresses critical analysis of master paintings and drawings of different styles and historical periods; emphasizes problem-solving techniques to achieve desired results in personal work.

**Painting I****1 Unit**

CIP #: 50.03210

Prerequisite: Visual Arts Comprehensive I

Credit Type: L1; Core or elective credit

Description: Explores a variety of techniques and wide range of painting media. Emphasizes developing basic painting and critical analysis skills for responding to master paintings. Examines solutions to painting problems through the study of color theory and composition. Emphasizes the concept and development of personal style. Covers Western and non-Western cultures.

**Visual Arts/Photography I – IV****1 Unit**

CIP #: 50.07110 (I)

CIP #: 50.07120 (II)

CIP #: 50.07130 (III)

CIP #: 50.07140 (IV)

Prerequisite: Visual Arts Comprehensive I; Courses must be taken in sequence

Credit Type: L1; Core or elective credit

Description: Covers the historical development of photography and photographic design and its cultural influences. Emphasizes the basics of exposing and processing photographs; introduces 35mm photography. Stresses appropriate processing techniques and safe uses of photographic materials and equipment, as well as personal expression of ideas and depth of exploration in selected photo techniques; explores photography and photographers for historical and critical appraisal.

**Visual Arts/Advanced Placement (AP) Studio: Drawing****1 Unit**

CIP #: 50.08110

Prerequisite: Visual Arts Comprehensive I; Teacher recommendation

Credit Type: L3; Core or elective credit

Description: Provides experiences using different drawing media and approaches; designed for the student interested in the practical experiences of art. Enrollment in AP includes the commitment to take the AP exam.

**Advanced Placement (AP) Studio Art: 2-D Design Portfolio****1 Unit**

CIP #: 50.08130

Prerequisite: Visual Arts Comprehensive I; Teacher recommendation

Credit Type: L3; Core or elective credit

Description: Addresses a broad interpretation of two-dimensional design issues, including how to use the elements of design, including line, shape, illusion of space, illusion of motion, pattern and texture, and value and color. The principles of design help guide artists in making decisions about how to organize the elements on a picture plane in order to communicate content. These principles include unity/variety, balance/emphasis/rhythm, and proportional /scale. Enrollment in AP includes the commitment to take the AP exam.

**Advanced Placement (AP) Studio Art: 3-D Design Portfolio****1 Unit**

CIP #: 50.08140

Prerequisite: Visual Arts Comprehensive I; Teacher recommendation

Credit Type: L3; Core or elective credit

Description: Addresses a broad interpretation of sculptural issues in depth and space, including mass, volume, form, plane, light, and texture. Such elements and concepts can be articulated through additive, subtractive, and/or fabrication processes. A variety of approaches to representation, abstraction, and expression may be part of the student's portfolio, including traditional sculpture, architectural models, apparel, ceramics, fiber arts, or metalwork. Enrollment in AP includes the commitment to take the AP exam.

**International Baccalaureate (IB) Visual Arts, Year 1****1 Unit****International Baccalaureate (IB) Visual Arts, Year 2**

CIP #: 50.04400 (Year 1)

CIP #: 50.04500 (Year 2)

Prerequisite: Visual Arts Comprehensive I; Courses must be taken in sequence; Approval of the school IB coordinator

Credit Type: L3; Core or elective credit

Description: Study of the process, production, and analysis of visual arts in a holistic and individualistic manner; develops aesthetic, artistic and cultural knowledge of visual arts through the creative process of art production; students will be required to develop and express aesthetic judgments about works of art, understand the context within which the works were created, and investigate painting, sculpture, design, printmaking, photography and other related areas.

**Visual Arts Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

**Visual Arts Work-Based Learning (WBL) Placement (Honors)**

CIP #: 50.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.



**Mentorship I – IV (Honors)**

**.5 or 1 Unit**

CIP #: 70.01100 (I)

CIP #: 70.01200 (II)

CIP #: 70.01300 (III)

CIP #: 70.01400 (IV)

Prerequisite: Students must be in 11<sup>th</sup> or 12<sup>th</sup> grade and must apply (and be selected) to participate

Credit Type: L2; Elective credit

Description: Designed to meet the needs of academically able and highly motivated students, learning objectives are developed jointly by the student, community mentor, gifted program personnel and, as needed, department faculty and central office curriculum staff; the mentorship experience is designed to extend academic knowledge and skills in an area of interest in ways that are advanced well beyond the objectives typically taught at the high school level; a student contract is developed to include the specific learning goals and objectives, a plan for achieving the objectives, a proposal for a final project or product, a plan for professional presentation of the product, and the criteria by which the product will be evaluated.

**Directed Study I – IV (Honors)**

**1 Unit**

CIP #: 70.03100 (I)

CIP #: 70.03200 (II)

CIP #: 70.03300 (III)

CIP #: 70.03400 (IV)

Prerequisite: Approval of school's Gifted Coordinator

Credit Type: L2; Elective credit

Description: Allows gifted or other high-achieving students to learn academic content and skills at an advanced level; individualized learning objectives are developed jointly by the student, gifted program personnel, and high school faculty. The student develops a contract to include learning goals and objectives, a plan for achieving the objectives, and criteria by which the student's performance will be evaluated.

**Community Service Learning I – IV**

**1 Unit**

CIP #: 70.04100 (I)

CIP #: 70.04200 (II)

CIP #: 70.04300 (III)

CIP #: 70.04400 (IV)

Prerequisite: Recommendation of IEP team

Credit Type: L1; Elective credit

Description: This is a community-based class designed to meet the learning needs of students. The emphasis of these courses is on occupational preparedness, functional academics, daily living, communication, and personal-social skills.

**Health****.5 Unit**

CIP #: 17.01100

Prerequisite: None

Credit Type: L1; **Required for all students; available as E-course**

Description: Explores the mental, physical, and social aspects of life and how each contributes to total health and well-being; emphasizes safety, nutrition, mental health, substance abuse prevention, disease prevention, environmental health, family life education, consumer health, health careers and community health.

**Personal Fitness****.5 Unit****Advanced Personal Fitness**

CIP #: 36.05100 (Personal Fitness)

CIP #: 36.06100 (Advanced Personal Fitness)

Prerequisite: None

Credit Type: L1; **Required for all students; available as E-course**

Description: Focuses on developing a lifetime fitness program based on a personal fitness assessment and stresses strength, muscular endurance, flexibility, body composition and cardiovascular endurance. Includes fitness principles, nutrition, fad diets, weight control, stress management, adherence strategies and consumer information; promotes self-awareness and responsibility for fitness.

**Weight Training****.5 or 1 Unit****Weight Training (Advanced)**

CIP #: 36.05400

CIP #: 36.06400

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: L1; Elective credit only

Description: Introduces weight training; emphasizes strength development training and proper lifting techniques; includes fitness concepts for developing healthy lifetime habits. Advanced course increases strength and cardiovascular fitness through an individualized weight training program, emphasizing self-management and adherence strategies.

**Body Sculpting****.5 or 1 Unit****Body Sculpting (Advanced)**

CIP #: 36.05600

CIP #: 36.06600

Prerequisite: Courses must be taken in sequence

Credit Type: L1; Elective credit only

Description: Provides methods to redefine body shape through specific exercises. Covers weight training, conditioning exercises and proper nutrition to improve muscle tone, muscle definition, posture, bodily proportions, overall condition of the body and increase energy levels. Based on the American College of Sports Medicine guidelines for fitness and conditioning programs.

**Physical Conditioning****.5 or 1 Unit****Physical Conditioning (Advanced)**

CIP #: 36.05200

CIP #: 36.06200

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: L1; Elective credit only

Description: Enhances flexibility, muscular strength and endurance, cardiovascular endurance and body composition. Includes fitness concepts for the development of healthy lifetime habits. Advanced course enhances cardiovascular endurance, flexibility, muscular strength and endurance and body composition; emphasizes self-management and adherence strategies.

**Exercise and Weight Control****.5 or 1 Unit****Exercise and Weight Control (Advanced)**

CIP #: 36.05500

CIP #: 36.06500

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: L1; Elective credit only

Description: Provides safe, effective and physiologically sound ways to manage weight and alter body composition and metabolism; includes consumer information on products, programs and fitness concepts for developing healthy lifetime habits. The advanced course provides self-management and adherence strategies to continue weight control through a safe and effective exercise program.

**Recreational Games (Introductory)****.5 or 1 Unit****Recreational Games (Intermediate)****Recreational Games (Advanced)**

CIP #: 36.02700

CIP #: 36.03700

CIP #: 36.04700

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit T: L1; Elective credit only

Description: Introduces recreational games suitable for lifetime leisure activities, emphasizing the rules of each game and the skills necessary to play. Recreational games includes, but may not be limited to, volleyball, ultimate Frisbee, and kickball. Intermediate and Advanced courses enhance skills in Introductory course.

**Team Sports (Introductory)****.5 or 1 Unit****Team Sports (Intermediate)****Team Sports (Advanced)**

CIP #: 36.02100

CIP #: 36.03100

CIP #: 36.04100

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence

Credit Type: L1; Elective credit only

Description: Introduces fundamental skills, strategies, and rules associated with team sports including, but not limited to, football, basketball, and soccer; intermediate class emphasizes rules of each game and skills needed to play; advanced class provides opportunities to officiate.



Students are encouraged to pursue a pathway of career interest by completing a sequence of three or four courses in a specific area. Upon completion of the pathway, students will take an end-of-pathway assessment and could possibly earn a national industry certification, or a national/state occupational certification of their technical skill attainment.

### AGRICULTURE, FOOD & NATURAL RESOURCES

The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.

#### Agriculture Mechanics & Electrical Systems (L)

- Basic Agricultural Science
- Agricultural Mechanics Technology I
- Agriculture Electricity & Electric Controls

#### Agriculture Mechanics Systems (L)

- Basic Agricultural Science
- Agricultural Mechanics Technology I
- Agricultural Mechanics Technology II

#### Forestry/Wildlife Systems (L)

- Basic Agricultural Science
- Forest Science
- Wildlife Management

#### Agriculture Mechanics/Metal Fabrication (L)

- Basic Agricultural Science
- Agricultural Mechanics Technology I
- Agricultural Metals Fabrication

#### Forest Mechanical Systems (L)

- Basic Agricultural Science
- Agricultural Mechanics Technology I
- Forest Science

*Note: The third course of many pathways are rotated every other year.*

#### Basic Agricultural Science

**1 Unit**

CIP #: 02.47100

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: Introduces the major areas of scientific agricultural production and research; presents introductory skills, problem solving lessons, and knowledge in agricultural science and agri-related technologies. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

#### Agricultural Mechanics Technology I – II

**1 Unit**

CIP #: 01.42100

CIP #: 01.42200

Prerequisite: Basic Agricultural Science recommended

Credit Type: L1; Core or elective credit

Description: Introduces selected major areas of agricultural mechanics technology including small engine maintenance and repair, metal fabrication, concrete construction, building construction, plumbing, electrical wiring, maintenance of agricultural machinery, tractors, equipment, and soil and water conservation. Learning activities include skill development and problem-solving. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

#### Agricultural Metals Fabrication

**1 Unit**

CIP #: 01.42400

Prerequisite: Basic Agricultural Science and Agricultural Mechanics Technology I recommended

Credit Type: L1; Core or elective credit

Description: Designed to provide students with a more in-depth study of agricultural metal fabrication. Students interested in agricultural mechanics will have the opportunity to explore the many career possibilities in the field of agricultural metal fabrication. Additionally, hands-on-laboratory activities enhance the classroom learning experience and provide students with the skills needed to participate in Supervised Agricultural Experience Programs and FFA Career Development Events. *Course available only at Lanier College Career Academy (LCCA).*

#### Agriculture Electricity and Electric Controls

**1 Unit**

CIP #: 01.42600

Prerequisite: Basic Agricultural Science recommended

Credit Type: L1; Core or elective credit

Description: Designed to provide students with introductory level experiences in selected major areas of agricultural mechanics technology associated with the design and installation of electric motor and non-motor load electrical circuits designed for use in agricultural structures, and agricultural industry applications. Topics covered include electrical terms and theory, branch and feeder circuit design and installation, service entrance equipment selection and installation, electric motors and motor controllers, switching devices including thermostats, proximity sensors, float switches, clock timers, relays, and similar devices. *Course available only at Lanier College Career Academy (LCCA).*

#### **Forest Science**

**1 Unit**

CIP #: 03.45100

Prerequisite: Basic Agricultural Science recommended

Credit Type: L1; Core or elective credit

Description: Introduces students to the principles of wildlife management and conservation and to opportunities for further education and careers in the field of wildlife biology. Course includes instruction in the history of wildlife management, ecological concepts, habitat assessment, population dynamics, predator-prey relationships, game and fish laws and regulations, hunter safety, etc. **Course meets fourth science requirement for students entering ninth grade in 2008 and later and is recognized by the Board of Regents as such.** *Course available only at Lanier College Career Academy (LCCA).*

#### **Wildlife Management**

**1 Unit**

CIP #: 03.45300

Prerequisite: Basic Agricultural Science recommended

Credit Type: L1; Core or elective credit

Description: Provides entry-level skills for employment in the forest industry and for further study. The course covers establishing forests by natural and artificial means, maintaining and surveying forests, identifying and protecting trees, practicing silviculture, measuring trees and land, mapping, preparing for timber sales and harvest, employing multiple-use resource management, keeping records, and figuring taxes. *Course available only at Lanier College Career Academy (LCCA).*

#### **Agriculture Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

##### **Agriculture Work-Based Learning (WBL) Placement (Honors)**

CIP #: 01.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

#### **AgriScience Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

##### **Agriculture, Science & Technology Work-Based Learning (WBL) Placement (Honors)**

CIP #: 02.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

#### **Natural Resources Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

##### **Agriculture, Science & Technology Work-Based Learning (WBL) Placement (Honors)**

CIP #: 03.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

Careers in designing, planning, managing, building and maintaining the built environment.

**Carpentry Pathway (J)**

- Industry Fund & Occupational Safety
- Introduction to Construction
- Carpentry I

**Heating, Vent, Air Conditioning & Refrigeration (L)**

- Industry Fund & Occupational Safety
- Introduction to HVACR Systems
- Heating, Ventilation, Air Cond, & Refrigeration

**Plumbing Pathway (J)**

- Industry Fund & Occupational Safety
- Introduction to Construction
- Plumbing I

**Electrical Pathway (J)**

- Industry Fund & Occupational Safety
- Introduction to Construction
- Electrical I

**HVACR Electrical Pathway (L)**

- Industry Fund & Occupational Safety
- Introduction to HVACR Systems
- Low Voltage Electrical

**Industry Fundamentals & Occupational Safety**

**1 Unit**

CIP #: 46.54500

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: Develops basic knowledge to function safely on or around a construction site and in the industry in general and is the foundational course that prepares students for a pursuit of any career in the fields of Carpentry, Plumbing, Electrical, Masonry, Machining, or Welding. Course includes: basic content of OSHA standards, construction math, hand and power tools used in the field, general blueprints and basics of rigging safety.

**Introduction to Construction**

**1 Unit**

CIP #: 46.54600

Prerequisite: Industry Fundamentals and Occupational Safety

Credit Type: L1; Core or elective credit

Description: Students will build on their knowledge and skills developed in Occupational Safety and will be introduced to the history and traditions of the carpentry, masonry, plumbing and electrical craft trades. Course will also include knowledge of the care and safe use of hand and power tools and the differentiation between blueprints as related to each individual craft area.

**Carpentry I**

**1 Unit**

CIP #: 46.55000

Prerequisite: Introduction to Construction

Credit Type: L1; Core or elective credit

Description: Provides an overview of the building materials used in the carpentry craft. It teaches techniques for reading and using blueprints and specifications especially as related to the carpentry craft. Includes specific knowledge and skills in site layout floor and wall framing systems. Also includes the basic industry terminology for a carpentry craftsman.

**Construction Internship**

**1 Unit**

CIP #: 46.54700

Prerequisite: Approval of Trades In Training Instructor

Credit Type: L1; Core or elective credit

Description: This course provides work-based learning experience on a job site. Students work under the supervision of an assigned company mentor who is an accomplished craft journeyman. Students have the opportunity to practice finished work and develop problem solving skills. Students practice adaptability to job equipment and technology and exhibit progressive productivity and acceptable job performance. *Trades In Training students only.*

**Electrical I****1 Unit**

CIP #: 46.56000

Prerequisite: Introduction to Construction

Credit Type: L1; Core or elective credit

Description: Builds on the concepts of electrical safety introduced in Occupational Safety; provides knowledge of the hardware and systems used by an electrical and the basic skills to install them. Also provides the knowledge and skills of: electrical systems, including series, parallel, and series-parallel circuits; the National Electrical Code; and conduit bending and installation.

**Plumbing I****1 Unit**

CIP #: 46.58000

Prerequisite: Introduction to Construction

Credit Type: L1; Core or elective credit

Description: Provides the basic knowledge needed to apply safety concepts and practices related to the plumbing trade; includes use of plumbing tools and materials, application of plumbing codes, skills needed to handle, estimate and store materials, and interpreting architectural and construction working drawings.

**Introduction to HVACR Systems****1 Unit**

CIP #: 47.41400

Prerequisite: Industry Fundamentals and Occupational Safety

Credit Type: L1; Core or elective credit

Description: Students will be introduced to two-construction craft areas. The goal of the course is to introduce students to the basic building blocks of the HVACR and Low Voltage Electrical craft trades. Students will explore how the crafts affect the mechanical systems in a building and will learn and apply knowledge of the electrical, electronic, and mechanical components related to each trade. In addition, students will be introduced to, and develop skills to differentiate between tools used in each individual craft area. *Course available only at Lanier College Career Academy (LCCA).*

**Heating, Ventilation, Air-Conditioning Refrigeration****1 Unit**

CIP #: 47.41500

Prerequisite: Introduction to HVACR Systems

Credit Type: L1; Core or elective credit

Description: This course is preceded by Introduction to HVACR Systems and provides students with a solid foundation in HVACR skills and knowledge involved with conditioning air within a given space. Students will acquire knowledge of the hardware and systems used by an HVACR technician and basic installation skills. In addition, students will obtain general knowledge of refrigeration and heating processes, including electronic circuitry, and will learn about the integration between electrical and HVACR fields. The course will provide students with an understanding of joining and piping practices in HVACR systems, as well as an introduction to the skills and knowledge of conduit bending and installation. *Course available only at Lanier College Career Academy (LCCA).*

**Low Voltage Electrical****1 Unit**

CIP #: 47.416

Prerequisite: Introduction to HVACR Systems

Credit Type: L1; Core or elective credit

Description: Provides students with a solid foundation in electrical skills and knowledge and the integration with the HVACR systems. Students will learn about installation of hardware and systems used by an HVACR technician/electrician and acquire general knowledge of electrical systems, including series, parallel, and series-parallel circuits. *Course available only at Lanier College Career Academy (LCCA).*

**Construction Technology Work-Based Learning (WBL) Placement****.5 or 1 Unit****Construction Technology Work-Based Learning (WBL) Placement (Honors)**

CIP #: 46.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**HVAC/Transportation Work-Based Learning (WBL) Placement**  
**HVAC/Transportation Work-Based Learning (WBL) Placement (Honors)**

**.5 or 1 Unit**

CIP #: 47.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**ARTS, A/V TECHNOLOGY & COMMUNICATIONS**

Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism and entertainment services.

**Audio-Video Technology & Film I (J)**

- Audio-Video Technology Film I
- Audio-Video Technology Film II
- Audio-Video Technology Film III <sup>H</sup>

**Audio-Video Technology & Film II (J)**

- Audio-Video Technology Film I
- Audio-Video Technology Film II
- Broadcast Video Applications <sup>H</sup>

**Graphic Communication Pathway <sup>H</sup> (J)**

- Introduction to Graphics and Design
- Graphic Design and Production
- Advanced Graphic Output Processes

**Graphic Design Pathway <sup>H</sup> (J)**

- Introduction to Graphics and Design
- Graphic Design and Production
- Advanced Graphic Design

**Audio-Video Technology Film I**

**1 Unit**

CIP #: 10.51810

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: The foundational course in the Audio & Video Technology & Film Pathway which helps prepares students for employment or entry into a postsecondary education program in the audio and video technology career field. Topics covered include: terminology, safety, basic equipment, script writing, production teams, production and programming, lighting, recording and editing, studio production, and professional ethics.

**Audio-Video Technology and Film II**

**1 Unit**

CIP #: 10.51910

Prerequisite: Audio-Video Technology Film I

Credit Type: L1; Core or elective credit

Description: Course is the second in a series of three that prepares students for a career in Audio Video Technology and Film production and/or to transfer to a postsecondary program for further study. Topics include Planning, Writing, Directing and Editing a Production; Field Equipment Functions; Operational Set-Up and Maintenance; Advanced Editing Operations; Studio Productions; Performance; Audio/Video Control Systems; Production Graphics; Career Opportunities; and Professional Ethics.

**Audio-Video Technology and Film III**

**1 Unit**

**Audio-Video Technology and Film III (Honors)**

CIP #: 10.52010

Prerequisite: Audio-Video Technology and Film II

Credit Type: L1; Core or elective credit

Description: This one-credit transition course is designed to facilitate student-led projects under the guidance of the instructor. Students work cooperatively and independently in all phases of production.

**Broadcast Video Applications**

**1 Unit**

**Broadcast Video Applications (Honors)**

CIP #: 10.51410

Prerequisite: Audio-Video Technology Film II

Credit Type: L1; Core or elective credit



Description: Designed to facilitate student-led projects under the guidance of the instructor, as well as provide opportunities for students to master skills necessary to gain entry level employment or to pursue a post-secondary degree or certificate. Students work cooperatively and independently in all phases of production. Topics include advanced camera techniques, audio production, scriptwriting, producing, directing, editing, employability skills, and development of a digital portfolio to include resume', references, and production samples.

**Introduction to Graphics and Design**

**1 Unit**

**Introduction to Graphics and Design (Honors)**

CIP #: 48.56100

Prerequisite: None; Teacher recommendation for honors

Credit Type: L1 or L2; Core or elective credit

Description: Introduces students to graphic communications; includes an introduction to a graphic arts career field, digital file preparation, press operations, measurement, safety & first aid, and math for printing.

**Graphic Design and Production**

**1 Unit**

**Graphic Design and Production (Honors)**

CIP #: 48.56200

Prerequisite: Introduction to Graphics and Design; Teacher recommendation for honors

Credit Type: L1 or L2; Core or elective credit

Description: Focuses on the procedures commonly used in the graphic communication and design industries. Experience in creative problem solving and the practical implementation of solutions across multiple areas of graphic communications will be gained.

**Advanced Graphic Output Processes**

**1 Unit**

**Advanced Graphic Output Processes (Honors)**

CIP #: 48.57000

Prerequisite: Graphic Design and Production

Credit Type: L1 or L2; Core or elective credit

Description: Learn to manage the output and completion process as a whole including customer relations management, printing, finishing, and binding.

**Advanced Graphic Design**

**1 Unit**

**Advanced Graphic Design (Honors)**

CIP #: 48.528

Prerequisite: Graphic Design and Production

Credit Type: L1 or L2; Core or elective credit

Description: Continue to explore the principles of design and layout procedures as they relate to graphic design. Focuses on electronic systems and software programs used in graphic design, page composition, image conversion, and digital printing.

**Arts, A/V Technology & Communications Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

**Arts, A/V Technology & Communications Work-Based Learning (WBL) Placement (Honors)**

CIP #: 10.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**Precision Production Occupations Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

**Precision Production Occupations Work-Based Learning (WBL) Placement (Honors)**

CIP #: 48.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

Careers in planning, organizing, directing and evaluating business functions essential to efficient and productive business operations.

**Business & Technology Pathway (J)**

- Introduction to Business & Technology
- Business and Technology
- Business Communications

**Introduction to Business & Technology****1 Unit**

CIP #: 07.4413

Prerequisite: None

Credit Type: L1 or L2; Core or elective credit

Description: Provides an overview of business and technology skills required for today's business environment. Knowledge of business principles, the impact of financial decisions, and technology proficiencies demanded by business combine to establish the elements of this course. Emphasis is placed on developing proficient fundamental computer skills required for all career pathways. Students will learn essentials for working in a business environment, managing a business, and owning a business. Students should be prepared to earn an industry recognized credential: Microsoft Office Specialist for Word Core Certification.

**Business and Technology****1 Unit**

CIP #: 07.44100

Prerequisite: Introduction to Business &amp; Technology

Credit Type: L1; Core or elective credit

Description: Provides students with opportunities to enhance their knowledge and skills to be an asset to the collaborative, global and innovative business world of today and tomorrow. Mastery use of spreadsheets, publishing industry appropriate documents, and the ability to apply leadership skills to make informed business decisions will be a highlight of the course.

**Business Communications****1 Unit**

CIP #: 07.45100

Prerequisite: Intro to Business &amp; Technology recommended

Credit Type: L1; Core or elective credit

Description: The digital presence and impact of written and visual communication in a technological society will be addressed. Students will create, edit, and publish professional-appearing business documents with clear and concise communication. Creative design, persuasive personal and professional communications will be applied through research, evaluation, validation, written, and oral communication. Leadership development and teamwork skills will be stressed as students work independently and collaboratively. Presentation skills will be developed and modeled for students master presentation software in this course.

**Business Management Work-Based Learning (WBL) Placement****.5 or 1 Unit****Business Management Work-Based Learning (WBL) Placement (Honors)**

CIP #: 06.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**Business Computer Science Work-Based Learning (WBL) Placement****.5 or 1 Unit****Business Computer Science Work-Based Learning (WBL) Placement (Honors)**

CIP #: 07.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

## EDUCATION & TRAINING

Planning, managing and providing education and training services, and related learning support services such as administration, teaching/training, administrative support, and professional support services.

### **Early Childhood Care & Education Pathway\* (J)**

- Early Childhood Education I
- Early Childhood Education II
- Early Childhood Education III

*\* Beginning in school year 2017-18, students will earn one unit of credit in Food for Life with successful completion of all three courses in the Early Childhood Care & Education Pathway. All three courses must be completed while enrolled in the Hall County School District. A grade of "P" (Pass) will be awarded.*

### **Early Childhood Education I**

**1 Unit**

CIP #: 20.5281

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: The foundational course in the Early Childhood pathway and addresses the knowledge, skills, attitudes, and behaviors associated with supporting and promoting optimal growth and development of infants and children.

### **Early Childhood Education II**

**1 Unit**

CIP #: 20.42400

Prerequisite: Early Childhood Education I

Credit Type: L1; Core or elective credit

Description: Provides a history of education, licensing and accreditation requirements, and foundations of basic observation practices and applications. Early childhood care, education, and development issues are also addressed and include health, safety, and nutrition education; certification in CPR/First Aid/Fire Safety; information about child abuse and neglect; symptoms and prevention of major childhood illnesses and diseases; and prevention and control of communicable illnesses.

### **Early Childhood Education III**

**1 Unit**

CIP #: 20.42500

Prerequisite: Early Childhood Education II

Credit Type: L1; Core or elective credit

Description: The course provides in-depth study of early brain development and its implications for early learning, appropriate technology integration, and developmentally appropriate parenting and child guidance trends. Also addressed are collaborative parent/teacher/child relationships and guidance, child directed play, the changing dynamics of family culture and diversity, the causes and effects of stress on young children, and infant nutrition.

### **Education & Training Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

#### **Education & Training Work-Based Learning (WBL) Placement (Honors)**

CIP #: 13.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

### **Early Childhood/Culinary Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

#### **Early Childhood/Culinary Work-Based Learning (WBL) Placement (Honors)**

CIP #: 20.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

## FINANCE

Planning and related services for financial and investment planning, banking, insurance, and business financial management.

### **Business Computer Science Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

### **Business Computer Science Work-Based Learning (WBL) Placement (Honors)**

CIP #: 07.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

## GOVERNMENT AND PUBLIC ADMINISTRATION

Planning and executing government functions at the local, state and federal levels, including governance, national security, foreign service, planning, revenue and taxation, and regulations.

### **Public Management and Administration Pathway (L)**

- Introduction to Government and Public Administration
- Government Public Administration: State and Federal Issues
- Government Public Administration: Local and State Issues

### **Introduction to Government and Public Administration**

**1 Unit**

### **Introduction to Government and Public Administration (Honors)**

CIP #: 29.41000

Prerequisite: None

Credit Type: L1 or L2; Core or elective credit; **beginning in 2022-23, students who earn 1 unit of credit for this course may also receive 1 unit of credit for American Government/Civics, CIP #: 45.05700 earning the same grade for both courses**

Description: Foundational course for the Public Management and Administration Pathway and introduces students to the introductory knowledge and technical skills of working in public service and serving the general public in a government or public administration career. Topics will include identifying personal strengths and weaknesses and include oral and written communication skills, critical thinking for problem solving, developing leadership and teamwork skills, employability skills, and technical skills for this career cluster.

### **Government Public Administration: State and Federal Issues**

**1 Unit**

### **Government Public Administration: State and Federal Issues (Honors)**

CIP #: 29.41100

Prerequisite: None

Credit Type: L1 or L2; Core or elective credit; **beginning in 2022-23, students who earn 1 unit of credit for this course may also receive 1 unit of credit for Introduction to U.S. Intelligence and National Security Studies, CIP #: 45.06000 earning the same grade for both courses**

Description: This course will look at the roles of the state and federal governments, state agencies, and public administrations to support and sustain services and resources. Topics will include the role of government in providing services for the U.S. population; the impact the U.S. will have on other nations and in turn their impact on the United States. The professional traits required of those working in this field to be prepared for safety, health, environmental, as well as creating publicity materials, public relations and working with media.

### **Government Public Administration: Local and State Issues**

**1 Unit**

### **Government Public Administration: Local and State Issues (Honors)**

CIP #: 29.41200

Prerequisite: None

Credit Type: L1 or L2; Core or elective credit; **beginning in 2022-23, students who earn 1 unit of credit for this course may also receive 1 unit of credit for Personal Finance and Economics, CIP #: 45.06100 earning the same grade for both courses**

**Description:** This course applies the skills needed in government and public administration professions, including the application of leadership and teamwork within the classroom. Topics may include working within budgets, negotiation/communication with co-workers, developing proposals, making oral presentations and appropriate responses to workplace situations based on legal and ethical considerations. Students will complete an independent research project that applies to a government and public administration career. Students will be required to make a written and oral presentation at the end of the course summarizing their research project and submit an updated career portfolio.

**Public Management and Administration (WBL) Placement**

**.5 or 1 Unit**

**Public Management and Administration Work-Based Learning (WBL) Placement (Honors)**

CIP #: 29.7XXXXXX

**Prerequisite:** Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

**Credit Type:** L1 or L2; Core or elective credit

**Description:** Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**JROTC (WBL) Placement**

**.5 or 1 Unit**

**JROTC Work-Based Learning (WBL) Placement (Honors)**

CIP #: 28.7XXXXXX

**Prerequisite:** Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

**Credit Type:** L1 or L2; Core or elective credit

**Description:** Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**HEALTH SCIENCE**

Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

**Therapeutic Serv-Allied Health & Medicine <sup>H</sup> (J)**

- Introduction to Healthcare Science
- Essentials of Healthcare
- Allied Health & Medicine

**Therapeutic Serv-Emergency Med Responder <sup>H</sup> (J)**

- Introduction to Healthcare Science
- Essentials of Healthcare
- Emergency Medical Responder

**Therapeutic Services-Patient Care (J)**

- Introduction to Healthcare Science
- Essentials of Healthcare
- Patient Care Fundamentals

*Note: The third course of many pathways are rotated every other year.*

**Introduction to Healthcare Science**

**1 Unit**

**Introduction to Healthcare Science (Honors)**

CIP #: 25.521

**Prerequisite:** None

**Credit Type:** L1 or L2; Core or elective credit

**Description:** The foundational course for all Health Science pathways. This course will enable students to receive initial exposure to the many Healthcare Science careers as well as employability, communication, and technology skills necessary in the healthcare industry. The concepts of human growth and development, interaction with patients and family members, health, wellness, and preventative care are evaluated, as well as the legal, ethical responsibilities of today's healthcare provider. Fundamental healthcare skills development is initiated including microbiology, basic life support and first aid.

**Essentials of Healthcare****1 Unit****Essentials of Healthcare (Honors)**

CIP #: 25.44000

Prerequisite: Introduction to Healthcare Science

Credit Type: L1 or L2; Core or elective credit; **course meets fourth science requirement for students entering ninth grade in 2008 and later and is recognized by the Board of Regents as such; beginning in 2015, students who earn 1 unit of credit for this course may also receive 1 unit of credit for Human Anatomy and Physiology, CIP #: 26.07300 earning the same grade for both courses**

Description: Anatomy and Physiology is a vital part of most healthcare post-secondary education programs. The Essentials of Healthcare is a medical-focused anatomy course addressing the physiology of each body system, along with the investigation of common diseases, disorders and emerging diseases. The prevention of disease and the diagnosis and treatment that might be utilized are addressed, along with medical terminology related to each system.

**Patient Care Fundamentals****1 Unit**

CIP #: 25.43600

Prerequisite: Introduction to Healthcare Science &amp; Essentials of Healthcare

Credit Type: L1; Core or elective credit

Description: Designed to provide students interested in the careers that involve patient care with entry level skills most commonly associated with the career Nursing Assistant.

**Emergency Medical Responder****1 Unit****Emergency Medical Responder (Honors)**

CIP #: 25.45000

Prerequisite: Introduction to Healthcare Science

Credit Type: L1; Core or elective credit

Description: Prepares the student to provide initial stabilizing care to the sick or injured prior to the arrival of Emergency Medical Services Professionals (EMS), and to assist EMS personnel in transporting patients for definitive care at an appropriate hospital/facility. Major areas of instruction include Introductory Medical Terminology and Anatomy & Physiology; Responder Safety; Incident Command; Blood-borne Pathogen Training; Basic Physical Assessment; and Treatment of Trauma and Medical Emergencies; Cardiopulmonary Resuscitation and the use of Automatic External Defibrillators (AEDs).

**Allied Health and Medicine****1 Unit****Allied Health and Medicine (Honors)**

CIP #: 25.43700

Prerequisite: Essentials of Healthcare

Credit Type: L1 or L2; Core or elective credit

Description: This course is designed to offer students (preferably upper classmen - juniors or seniors) the opportunity to become effective and efficient multi-skilled healthcare providers as they develop a working knowledge of various allied health opportunities.

**Health Science Technology Work-Based Learning (WBL) Placement****.5 or 1 Unit****Health Science Technology Work-Based Learning (WBL) Placement (Honors)**

CIP #: 25.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**HOSPITALITY AND TOURISM**

Preparing individuals for employment in career pathways that relate to families and human needs such as restaurant and food/beverage services, lodging, travel and tourism, recreation, amusement and attractions.

**Baking & Pastry (L)**

- Introduction to Culinary Arts
- Baking & Pastry I
- Baking & Pastry II

**Culinary Arts Pathway\* (L)**

- Introduction to Culinary Arts
- Culinary Arts I
- Culinary Arts II

**Hospitality, Recreation & Tourism Pathway (L)**

- Marketing Principles
- Hospitality, Recreation & Tourism Essentials <sup>H</sup>
- Hospitality, Recreation/Tourism Management <sup>H</sup>

*\* Beginning in school year 2017-18, students will earn one unit of credit in Food Science with successful completion of all three courses in the Culinary Arts Pathway. All three courses must be completed while enrolled in the Hall County School District. A grade of "P" (Pass) will be awarded.*

**Marketing Principles****1 Unit**

CIP #: 08.47400

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: The foundational course for Marketing pathways and addresses all the ways in which marketing satisfies consumer and business needs and wants for products and services. Students develop a basic understanding of Employability, Foundational and Business Administration skills, Economics, Entrepreneurship, Financial Analysis, Human Resources Management, Information Management, Marketing, Operations, Professional Development, Strategic Management, and Global Marketing strategies.

**Hospitality, Recreation & Tourism Essentials****1 Unit****Hospitality, Recreation & Tourism Essentials (Honors)**

CIP #: 08.45300

Prerequisite: None; Honors requires recommendation of Hospitality teacher

Credit Type: L1; Core or elective credit

Description: Focuses on the basics of marketing and business in relation to the hospitality, recreation, and tourism industry in the U.S. and abroad. Students will study destination geography, world economies, and historical timelines related to major segments of the hospitality industry and will determine how the lodging industry uses marketing to achieve goals. The vital roles of group, convention and meeting planning, human relations, communications and ethics will be discussed along with the recreation industry segment. *Course available only at Lanier College Career Academy (LCCA).*

**Hospitality, Recreation & Tourism Management****1 Unit****Hospitality, Recreation & Tourism Management (Honors)**

CIP #: 08.45400

Prerequisite: Hospitality, Recreation &amp; Tourism Essentials; Honors requires recommendation of Hospitality teacher

Credit Type: L1 or L2; Core or elective credit

Description: Analyze operations, control systems, management structures, service levels, cost effective operations and related technology in the hospitality industry. Demonstrate skills in handling legal and liability issues and human resources functions and develop an innate understanding that exemplary customer service skills define success in the industry. *Course available only at Lanier College Career Academy (LCCA).*

**Marketing Research (Marketing Applications in Hospitality or Advertising)****1 Unit**

CIP #: 08.480

Prerequisite: Marketing Principles or approval of instructor; Honors requires recommendation of Hospitality/Advertising teacher

Credit Type: L1 or L2; Core or elective credit

Description: Students will gain an understanding of marketing research and the important role it plays in the field of hospitality or advertising. By using primary and secondary research, the students will learn the value of knowing the customer, be able to identify a viable target market, and then create and execute a marketing plan stemming from the research. Students will learn to examine collection methods, control groups, and other important aspects of conducting research within the context of the hospitality or advertising industry. Student research, experimentation, and results will be applied to the running of a business. *Course available only at Lanier College Career Academy (LCCA).*

**Hospitality Practicum****.5 or 1 Unit**

CIP #: 08.7XXX0X3

Prerequisite: Application process required

Credit Type: L1; Core or elective credit

Description: Introduces students to the hospitality industry through hands-on rotations in business settings related to the hotel, food, tourism, travel, and recreation industries. Exposes students to general business and marketing responsibilities needed for success in the hospitality industry. Students will work with community and business leaders from around the state in real business situations in the Meetings & Events conference facility, Get Gifted specialty retail store, and the Sales & Marketing Department of The Oaks. *Course available only at Lanier College Career Academy (LCCA).*

**Marketing, Sales & Service Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

**Marketing, Sales & Service Work-Based Learning (WBL) Placement (Honors)**

CIP #: 08.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**Introduction to Culinary Arts**

**1 Unit**

CIP #: 20.53100

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: Introduces fundamental food preparation terms, concepts, and methods where laboratory practices parallel class work. Fundamental techniques, skills, and terminology are covered with an emphasis on basic kitchen and dining room safety, sanitation, equipment maintenance and operation procedures. Course also provides an overview of the professionalism in the industry and career opportunities leading to a career pathway in Culinary Arts. *Course available only at Lanier College Career Academy (LCCA). Students will be expected to follow dress protocol for culinary lab participation.*

**Culinary Arts I**

**1 Unit**

CIP #: 20.53210

Prerequisite: Introduction to Culinary Arts + ServSafe Handler Certification

Credit Type: L1; Core or elective credit

Description: Building from techniques and skills learned in Introduction to Culinary Arts, this fundamentals course begins to involve in-depth knowledge and hands on skill master of Culinary Arts. *Course available only at Lanier College Career Academy (LCCA). Students will be expected to follow dress protocol for culinary lab participation.*

**Culinary Arts II**

**1 Unit**

CIP #: 20.53310

Prerequisite: Culinary Arts I

Credit Type: L1; Core or elective credit

Description: Course build on techniques and skills learned in Culinary Arts I with strong importance given to refining hands on production of the classic fundamentals in the commercial kitchen. *Course available only at Lanier College Career Academy (LCCA). Students will be expected to follow dress protocol for culinary lab participation.*

**Baking & Pastry I**

**1 Unit**

CIP #: 20.XXXXX

Prerequisite: Intro to Culinary Arts

Credit Type: L1; Core or elective credit

Description: Course will provide an in-depth study of baking and pastry arts. Areas of study include baking terminology, tool and equipment use, formula conversions, functions of ingredients, and methods used in creating breads, pastries, cookies, and other desserts. *Course available only at Lanier College Career Academy (LCCA). Students will be expected to follow dress protocol for culinary lab participation.*

**Baking & Pastry II**

**1 Unit**

CIP #: 20.XXXXX

Prerequisite: Baking I

Credit Type: L1; Core or elective credit



Description: This advanced and rigorous course is designed for the student who is continuing in the Baking and Pastry Pathway and wish to continue their education at the postsecondary level or enter the food-service industry. Strong importance is given to refining hands-on production of the classic fundamentals in the commercial kitchen. *Course available only at Lanier College Career Academy (LCCA). Students will be expected to follow dress protocol for culinary lab participation.*

#### **Culinary Practicum**

**.5 or 1 Unit**

CIP #: 20.7XXX0X3

Prerequisite: Completion of the Culinary Arts Pathway courses

Credit Type: L1; Core or elective credit

Description: Introduces students to the culinary industry through hands-on rotations in business settings. Exposes students to general responsibilities needed for success in the culinary industry and continues to build on techniques and skills needed in the commercial kitchen. *Course available only at Lanier College Career Academy (LCCA). Students will be expected to follow dress protocol for culinary lab participation.*

#### **Culinary/Early Childhood Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

#### **Culinary/Early Childhood Work-Based Learning (WBL) Placement (Honors)**

CIP #: 20.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

### **HUMAN SERVICES**

Preparing individuals for employment in career pathways that relate to families and human needs such as counseling and mental health services, family and community services, personal care, and consumer services.

#### **Personal Care Services-Cosmetology (I)**

- Intro to Personal Care Services
- Cosmetology Services II
- Cosmetology Services III

#### **Introduction to Personal Care Services**

**1 Unit**

CIP #: 12.544

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: Introduces both fundamental theory and practices of the personal care professions including nail technicians, estheticians, barbers, and cosmetologists. Emphasis will be placed on professional practices and safety. Areas addressed in this course include: state rules and regulations, professional image, bacteriology, decontamination and infection control, chemistry fundamentals, safety, Hazardous Duty Standards Act compliance, and anatomy and physiology. Students will experience basic hands on skills in each area to help them determine the pathway they are most interested in pursuing. *Course available only at Lanier College Career Academy (LCCA).*

#### **Cosmetology Services II**

**1 Unit**

CIP #: 12.41000

Prerequisite: Introduction to Personal Care Services; courses must be taken in sequence

Credit Type: L1; Core or elective credit

Description: Designed to enhance the understanding of anatomy of the skin and hair relating to the Cosmetology Industry. Students will master shampooing, permanent waving, haircutting, basic skin care, and make-up application while maintaining safety and sanitation in the workplace set forth by OSHA standards. *Course available only at Lanier College Career Academy (LCCA).*

#### **Cosmetology Services III**

**1 Unit**

CIP #: 12.41100

Prerequisite: Cosmetology Services II; courses must be taken in sequence

Credit Type: L1; Core or elective credit

Description: Course will cover haircutting, hair color, and relaxers. Both theory and practical work will be implemented for students to have basic entry level skills in the field of cosmetology. Safety and infection control will be applied throughout this course. Professional work ethics, communication skills, critical thinking skills, soft skills and professional image will be utilized during this course. *Course available only at Lanier College Career Academy (LCCA).*

#### **Cosmetology Services IV**

**1 Unit**

CIP #: 12.41200

Prerequisite: Cosmetology Services III

Credit Type: L1; Core or elective credit

Description: Designed to increase knowledge and skills in cosmetology competencies including, advanced hair color techniques, color correction, haircutting, hairstyling, facials, waxing, lash and brow tint and nail services. *Course available only at Lanier College Career Academy (LCCA).*

#### **Personal Services Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

##### **Personal Services Work-Based Learning (WBL) Placement (Honors)**

CIP #: 12.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

#### **Early Childhood/Culinary Work-Based Learning (WBL) Placement**

**.5 or 1 Unit**

##### **Early Childhood/Culinary Work-Based Learning (WBL) Placement (Honors)**

CIP #: 20.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

### **INFORMATION TECHNOLOGY**

Building linkages in Information Technology occupations for entry level, technical, and professional careers related to the design, development, support and management of hardware, software, multimedia and systems integration services.

#### **Cybersecurity Pathway (J)**

- Intro to Digital Technology **OR** Intro to Hardware Technology
- Introduction to Cybersecurity
- Advanced Cybersecurity

*Note: The third course of many pathways are rotated every other year.*

#### **Introduction to Hardware Technology**

**1 Unit**

##### **Introduction to Hardware Technology (Honors)**

CIP #: 11.448

Prerequisite: None

Credit Type: L1 or L2; Core or elective credit

Description: Foundational course for Cybersecurity pathway. Designed for high school students to understand, communicate, and adapt to a digital world as it impacts their personal lives, society, and the business world. Exposure to foundational knowledge in hardware, IT support, networks, and cybersecurity are all taught in a computer lab with hands-on activities and project-focused tasks. Students will not only understand the concepts but apply their knowledge to situations and defend their actions/decisions/choices through the knowledge and skills acquired in this course.

**Introduction to Cybersecurity****1 Unit**

CIP #: 11.48100

Prerequisite: None

Credit Type: L1 or L2; Core or elective credit

Description: This course is designed for high school students to understand, communicate, and adapt to a digital world as it impacts their personal life, society, and the business world. Exposure to foundational knowledge in programming languages, software development, app creation, and user interfacing applications are all taught in a computer lab with hands-on activities and project-focused tasks.

**Advanced Cybersecurity****1 Unit**

CIP #: 11.482

Prerequisite: None

Credit Type: L1 or L2; Core or elective credit

Description: Designed to provide students the advanced concepts and terminology of cybersecurity. The course explores the field of cybersecurity with updated content including new innovations in technology and methodologies. It builds on existing concepts introduced in Introduction to Cybersecurity and expands into malware threats, cryptography, organizational security, and wireless technologies.

**Information Technology Work-Based Learning (WBL) Placement****.5 or 1 Unit****Information Technology Work-Based Learning (WBL) Placement (Honors)**

CIP #: 11.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**LAW, PUBLIC SAFETY & SECURITY**

Prepares students with basic knowledge and skills for careers in the public safety and protective services.

**Law, Public Safety & Security Work-Based Learning (WBL) Placement****.5 or 1 Unit****Law, Public Safety & Security Work-Based Learning (WBL) Placement (Honors)**

CIP #: 43.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**MANUFACTURING**

Prepares students to plan, manage, and perform the processing of materials into intermediate or final products and maintenance for manufacturing/process engineering.

**Science, Technology, Engineering & Mathematics Work-Based Learning (WBL) Placement****.5 or 1 Unit****Science, Technology, Engineering & Mathematics Work-Based Learning (WBL) Placement (Honors)**

CIP #: 21.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**Precision Production Occupations Work-Based Learning (WBL) Placement**  
**Precision Production Occupations Work-Based Learning (WBL) Placement (Honors)**

**.5 or 1 Unit**

CIP #: 48.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**MARKETING, SALES & SERVICE**

Planning, managing, and performing marketing activities to reach organizational objectives such as brand management, professional sales, merchandising, marketing communications and market research.

**Fashion Merchandising/Retail Management (L)**

- Marketing Principles
- Fashion Merc & Retailing Essentials
- Adv Fashion, Merchandising & Retailing

**Marketing Comm & Promotion Pathway (L)**

- Marketing Principles
- Promotional and Digital Marketing
- Integrated Marketing Communications

**Marketing Principles**

**1 Unit**

CIP #: 08.474

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: Description: The foundational course for Marketing pathways and addresses all the ways in which marketing satisfies consumer and business needs and wants for products and services. Students develop a basic understanding of Employability, Foundational and Business Administration skills, Economics, Entrepreneurship, Financial Analysis, Human Resources Management, Information Management, Marketing, Operations, Professional Development, Strategic Management, and Global Marketing strategies.

**Fashion, Merchandising and Retailing Essentials**

**1 Unit**

CIP #: 08.42100

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: Introduces students to the retail industry including the fundamentals of fashion marketing, key marketing concepts essential to every business, types of businesses involved in the industry, and an array of career opportunities. Students will develop skills in such areas as fashion economics, marketing segmentation and target marketing, product selection and buying, and inventory. *Course available only at Lanier College Career Academy (LCCA).*

**Advanced Fashion, Merchandising and Retailing Essentials**

**1 Unit**

CIP #: 08.42200

Prerequisite: Fashion, Merchandising and Retailing Essentials

Credit Type: L1; Core or elective credit

Description: Focuses on the application of knowledge and the performance of key skills required in a retail environment. Students will develop skills necessary for managing the following elements: pricing, visual merchandising, advertising, special promotions, professional sales, and customer service. *Course available only at Lanier College Career Academy (LCCA).*

**Promotional and Digital Marketing**

**1 Unit**

CIP #: 08.45100

Prerequisite: None; courses may be taken concurrently

Credit Type: L1; Core or elective credit

Description: This course focuses on the performance of key responsibilities required in a retail environment. Students develop skills in pricing, visual merchandising, advertising, special promotions, professional sales, and customer service.

**Integrated Marketing Communications****1 Unit**

CIP #: 08.45200

Prerequisite: None; courses may be taken concurrently

Credit Type: L1; Core or elective credit

Description: Focuses on the communication aspects of the business in relation to customer/consumer relationships. Students develop knowledge and skills in advertising, direct marketing, public relations, sales promotions, and digital marketing communications. Students learn how communications affects budget considerations, marketing information decision-making and all future business opportunities.

**Marketing Research [Marketing Applications in Hospitality or Advertising]****1 Unit****Marketing Research [Marketing Applications in Hospitality or Advertising] (Honors)**

CIP #: 08.480

Prerequisite: Marketing Principles or approval of instructor; Honors requires recommendation of Hospitality/Advertising teacher

Credit Type: L1 or L2; Core or elective credit

Description: Students will gain an understanding of marketing research and the important role it plays in the field of hospitality or advertising. By using primary and secondary research, the students will learn the value of knowing the customer, be able to identify a viable target market, and then create and execute a marketing plan stemming from the research. Students will learn to examine collection methods, control groups, and other important aspects of conducting research within the context of the hospitality or advertising industry. Student research, experimentation, and results will be applied to the running of a business. *Course available only at Lanier College Career Academy (LCCA).*

**Design, Marketing/Business Management Practicum****1 Unit**

CIP #: 08.7XXX0X3

Prerequisite: Application process required

Credit Type: L1; Core or elective credit; courses are designed as yearlong courses

Description: If you have successfully completed a marketing, business, graphic design, or visual arts class, this course is for you! Students will work together in the Design 360 Promotions Lab, Get Gifted or Corner Cafe at LCCA to operate a small business on a daily basis. Students will work with real customers in the design, management, and production of printed t-shirts, embroidery, banners, and many other promotional items or work in Get Gifted and Corner Café performing specific tasks. Students will be challenged and empowered to manage and grow the Design 360, Get Gifted or Corner Café business, while developing important workplace skills as they learn outside of a traditional classroom. Each student will hold variety of "jobs" within the business including graphic design, new product development, business management, production and operations, marketing, customer service, and finance; *course available only at Lanier College Career Academy (LCCA).*

**Marketing, Sales & Service Work-Based Learning (WBL) Placement****.5 or 1 Unit****Marketing, Sales & Service Work-Based Learning (WBL) Placement (Honors)**

CIP #: 08.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; &amp; concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS**

Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.

**Science, Technology, Engineering & Mathematics Work-Based Learning (WBL) Placement****.5 or 1 Unit****Science, Technology, Engineering & Mathematics Work-Based Learning (WBL) Placement (Honors)**

CIP #: 21.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; &amp; concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**Precision Production Occupations Work-Based Learning (WBL) Placement****.5 or 1 Unit****Precision Production Occupations Work-Based Learning (WBL) Placement (Honors)**

CIP #: 48.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**TRANSPORTATION, DISTRIBUTION & LOGISTICS**

The planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

**HVAC/Transportation Work-Based Learning (WBL) Placement****.5 or 1 Unit****HVAC/Transportation Work-Based Learning (WBL) Placement (Honors)**

CIP #: 47.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**CAREER EXPLORATION****Jobs for Georgia Graduates Work Ethics I****1 Unit**

CIP #: 32.04100

Prerequisite: Approval of JGG Coordinator

Credit Type: L1; Elective credit only

Description: A specialized program for targeted youth, the classroom instruction includes life skills, training, remediation, career exploration, decision making and goal setting. During the summer months, summer school and special activities are planned for each student. *Course available only at Johnson High School (JHS).*

**Jobs for Georgia Graduates Work Ethics II****1 Unit**

CIP #: 32.04200

Prerequisite: Approval of JGG Coordinator

Credit Type: L1; Elective credit only

Description: A specialized program for targeted youth, the classroom instruction includes detailed career planning, self-awareness, team building, remediation, job shadowing and career selection. *Course available only at Johnson High School (JHS).*

**Jobs for Georgia Graduates Work Ethics III****1 Unit**

CIP #: 32.04300

Prerequisite: Approval of JGG Coordinator

Credit Type: L1; Elective credit only

Description: A specialized program for targeted youth, the classroom instruction includes job attainment skills, money management, values clarification, remediation, and social development. *Course available only at Johnson High School (JHS).*

**Jobs for Georgia Graduates Work Ethics IV****1 Unit**

CIP #: 32.04400

Prerequisite: Approval of JGG Coordinator

Credit Type: L1; Elective credit only

Description: A specialized program for targeted youth, the classroom instruction includes workplace competencies, job survival training, resume writing, communication skills, economic empowerment and remediation. *Course available only at Johnson High School (JHS).*

**Workforce Ready Work-Based Learning (WBL) Placement**  
**Workforce Ready Work-Based Learning (WBL) Placement (Honors)**

**.5 or 1 Unit**

CIP #: 32.7XXXXXX

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendations; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course

Credit Type: L1 or L2; Core or elective credit

Description: Develop transferable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

**SAT Preparation**

**.5 or 1 Unit**

CIP #: 35.06600

Prerequisite: None

Credit Type: L1; Elective credit only

Description: Introduces methods to improve SAT testing. SAT content and test taking strategies are emphasized.

**Tools for College Success I**

**.5 or 1 Unit**

CIP #: 35.06700

Prerequisite:

Credit Type: L1; Elective credit

Description: Focuses on strategies to improve success at the post-secondary level including note taking, test-taking strategies, problem solving, time management, decision making, goal setting, organizational skills and study habits. Test preparation for post-secondary admissions emphasized. Guidance and advisement provided to support seamless transition to post-secondary setting.

**High School Transition IV**

**.5 or 1 Unit**

CIP #: 35.06800

Prerequisite: Approval of the school Instructional Coordinator

Credit Type: L1; Elective credit

Description: Focuses on strategies to improve success at the secondary level including note taking, test taking, time management, problem solving, decision making, active listening, goal setting, organizational skills, study habits, learning styles and learning strategies. Reading and writing with a focus on higher order thinking will also be emphasized along with the development of self-advocacy skills that support a successful secondary career.

**International Baccalaureate (IB) Theory of Knowledge (TOK)**

**.5 or 1 Unit**

CIP #: 35.07100 (Year 1)

CIP #: 35.07200 (Year 2)

Prerequisite: Approval of the school IB Coordinator

Credit Type: L3; Core or elective credit

Description: TOK is a required interdisciplinary study within the IB curriculum. Students engage in critical reflection and analysis as they explore relationships and philosophical perspectives across multiple disciplines to stimulate reflection on the knowledge and the experience of students both in and outside the classroom. The course challenges students to question the basis of knowledge, to be aware of subjective and ideological biases, and to develop a personal mode of thought based on analysis of evidence and expressed in rational arguments. A group oral presentation and an essay written on prescribed topics form TOK's assessment research projects and an oral play analysis.

**Peer Facilitation I – IV**

**.5 or 1 Unit**

CIP #: 35.04100 (I)

CIP #: 35.04200 (II)

CIP #: 35.04300 (III)

CIP #: 35.04400 (IV)

Prerequisite: None

Credit Type: L1; Elective credit only

Description: Introduces peer facilitation through a focus on goal setting and self-determination.

**Social Skills I – IV**

**1 Unit**

CIP #: 35.05100 (I)

CIP #: 35.05200 (II)

CIP #: 35.05300 (III)

CIP #: 35.05400 (IV)

Prerequisite: Courses must be taken in sequence

Credit Type: L1; Elective credit only

Description: Course addresses social-emotional needs of students including peer relations, problem-solving and conflict resolution. Methods introduced to improve decision-making, problem solving, and interpersonal skills. Emphasizes rule compliance and social-emotional competence; identifying personal strengths and weaknesses, communication skills and adjusting to new expectations.



**Study Skills I – IV****.5 or 1 Unit**

CIP #: 35.061 (I)

CIP #: 35.062 (II)

CIP #: 35.063 (III)

CIP #: 35.064 (IV)

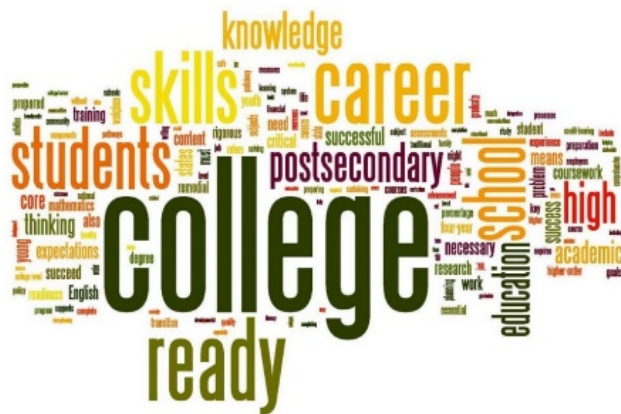
Prerequisite: Courses must be taken in sequence

Credit Type: L1; Elective credit only

Description: Methods to improve note taking, test taking, time-management, problem solving, decision-making, active-listening, goal-setting, and organizational skills. Study Skills I stresses study habits, learning styles and learning strategies to make a smooth transition from middle school to high school. Study Skills II emphasizes applying skills in content specific areas and improving reading and writing skills. Study Skills III emphasizes preparation for the high school exit exam; stresses higher-order thinking and test taking skills. Study Skills I-IV emphasizes goal-setting and self-advocacy skills for successful transition to a post-secondary setting.

COURSES ADDED TO PLANNING GUIDE FOLLOWING INITIAL RELEASE (IF APPLICABLE)

COURSE NUMBER	COURSE TITLE	DATE ADDED



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**Don't Delay – Start Planning for Your Future TODAY!**



# DUAL ENROLLMENT

## CERTIFICATE PROGRAMS

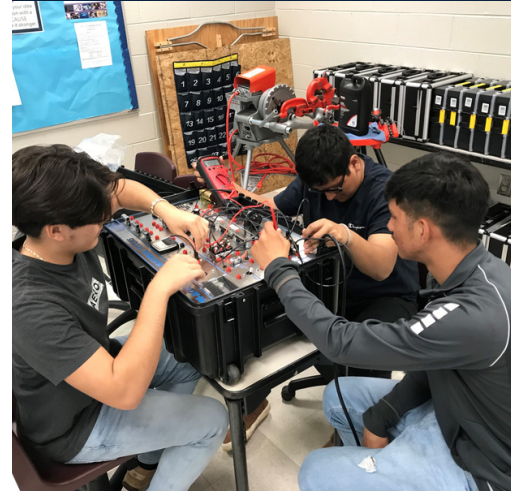
- Automotive Collision Repair Asst I
- Basic Marine Engine Technician
- Basic Shielded Metal Arc Welder
- Criminal Justice
- Design & Media Production
- Diesel Electrical Systems Technician
- Early Childhood Care & Education Basics
- Esthetics
- Gas Metal Arc Welder
- Industrial Electrician
- Prep Cook
- Salon & Spa Support

Certificate programs are offered in partnership with Lanier Technical College.

## REQUIREMENTS

- **HS GPA 2.0**
- OR
- **ACT**  
English 13  
Math 17  
Reading 14
- **ACCUPLACER**  
Reading 224  
Writing 236  
Arithmetic 229
- **PSAT**  
Reading 22  
Writing 23  
Math 20
- **SAT**  
Reading 24  
Writing 25  
Math 22

## CONTACT



For questions about requirements, the application process, or certificate programs offered, contact Lisa McDowell, Hall County College & Career Coordinator, at [lisa.mcdowell@hallco.org](mailto:lisa.mcdowell@hallco.org).

[lcca.hallco.org/dual-enrollment](http://lcca.hallco.org/dual-enrollment)

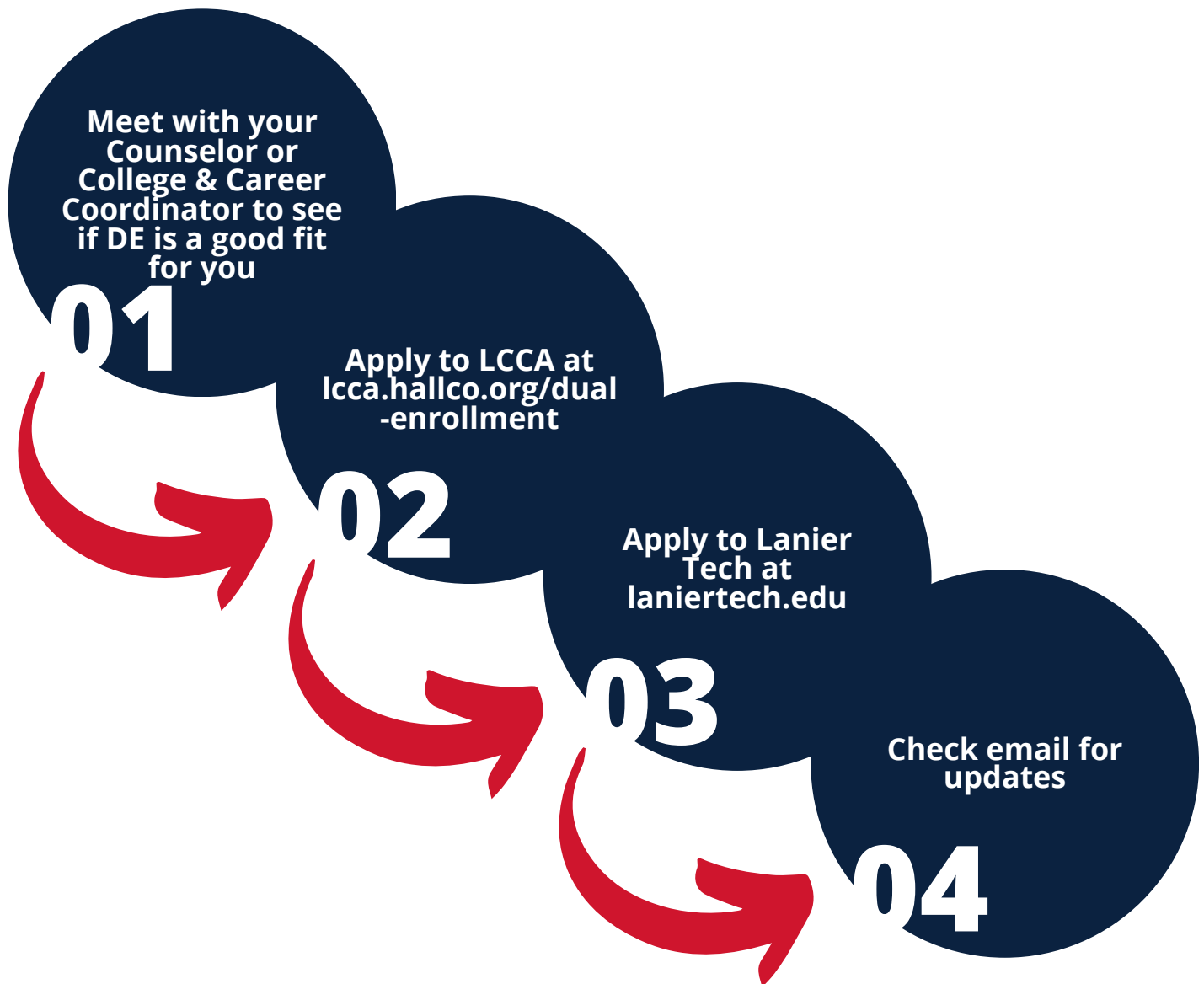
## LCCA IS A SITE LOCATION OF LANIER TECHNICAL COLLEGE.



For more information about on campus program offerings, visit [laniertech.edu](http://laniertech.edu).

# INTERESTED IN DUAL ENROLLMENT?

## FOLLOW THESE STEPS!

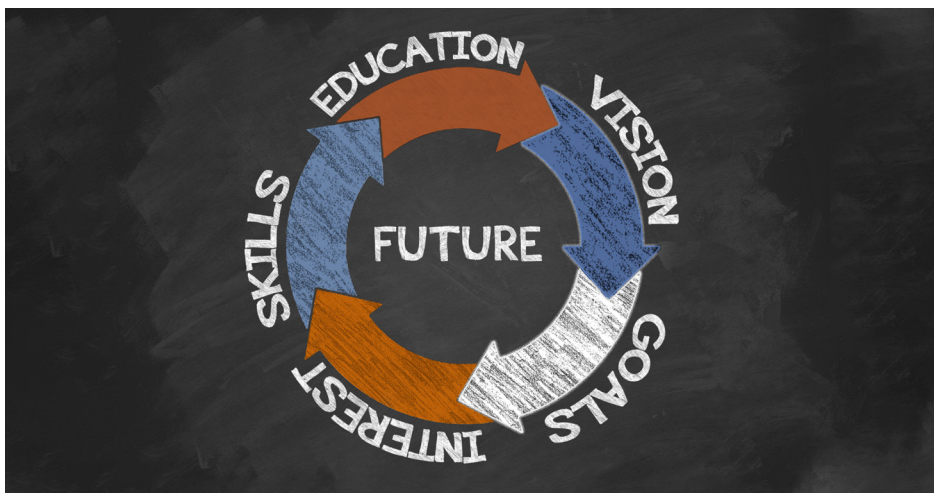


Questions?  
Email [lisa.mcdowell@hallco.org](mailto:lisa.mcdowell@hallco.org)  
or call 678-283-2877

# HALL COUNTY SCHOOLS *High School Planning Guide*

COURSES | PROGRAMS | PATHWAYS

*Character, Competency, Rigor... For All*



## School Board Members

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## Direct inquiries to the Hall County Board of Education

711 Green Street, Gainesville, GA 30501-0298  
Tel. 770-534-1080  
Fax 770-535-7404  
Website: [www.hallco.org](http://www.hallco.org)

## Cherokee Bluff High School

6603 Spout Springs Road  
Flowery Branch, GA 30542  
Phone: 770-967-0080  
Fax: 770-967-0086  
Website: [cbhs.hallco.org](http://cbhs.hallco.org)

## Chestatee High School

3005 Sardis Road  
Gainesville, GA 30506  
Phone: 770-532-1162  
Fax: 770-532-2202  
Website: [chs.hallco.org](http://chs.hallco.org)

## East Hall High School

3534 East Hall Road  
Gainesville, GA 30507  
Phone: 770-536-9921  
Fax: 770-535-1184  
Website: [ehhs.hallco.org](http://ehhs.hallco.org)

## Flowery Branch High School

4450 Hog Mountain Road  
Flowery Branch, GA 30542  
Phone: 770-967-8000  
Fax: 770-967-1218  
Website: [fbhs.hallco.org](http://fbhs.hallco.org)

## Johnson High School

3305 Poplar Springs Road  
Gainesville, GA 30507  
Phone: 770-536-2394  
Fax: 770-531-3046  
Website: [jhs.hallco.org](http://jhs.hallco.org)

## Lanier College Career Academy

2719 Tumbling Creek Road  
Gainesville, GA 30504  
Phone: 770-532-3161  
Fax: 770-532-3156  
Website: [lcca.hallco.org](http://lcca.hallco.org)

## North Hall High School

4885 Mt. Vernon Road  
Gainesville, GA 30506  
Phone: 770-983-7331  
Fax: 770-983-7941  
Website: [nhhs.hallco.org](http://nhhs.hallco.org)

## West Hall High School

5500 McEver Road  
Oakwood, GA 30566  
Phone: 770-967-9826  
Fax: 770-967-4864  
Website: [whhs.hallco.org](http://whhs.hallco.org)

**The Hall County School District is committed to...  
developing LIFE READY GRADUATES!**