

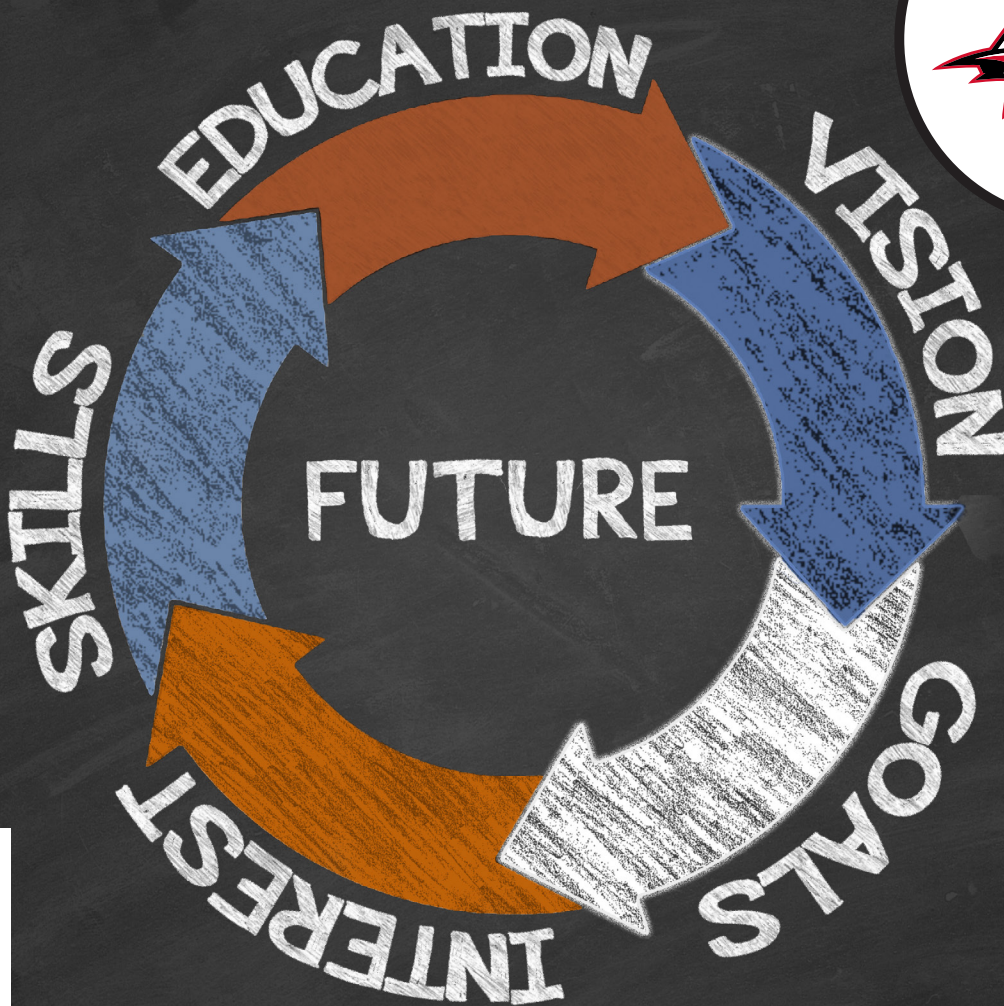
2024–2025

HALL COUNTY SCHOOLS

High School Planning Guide

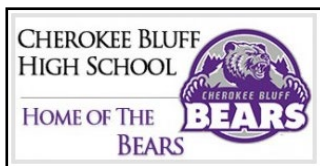
COURSES | PROGRAMS | PATHWAYS

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



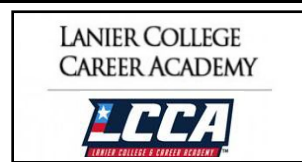
Programs of Choice: Johnson International Scholars Academy (JISA) and International Baccalaureate (IB) Diploma Program

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



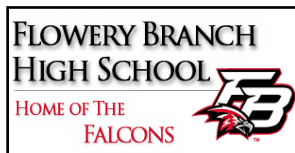
Programs of Choice: Endless Possibilities in Creativity and Collaboration (EpiCC) Academy and Navy Junior ROTC Program

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 | 4 units Must include 9 th Grade Literature & American Literature |
| Social Studies | 3 Units Must include World History, US History, Government, and Personal Finance & Economics |
| Mathematics | 4 Units 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 | 4 Units Must include Physical Science or Physics; Biology; Chemistry, Earth Systems, Environmental Science or AP/IB courses PLUS one additional Science course |
| Health & Personal Fitness | 1 Unit Must include ½ unit of each |
| Modern Languages | 3 Units (any combination) *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 | 4 Units |
| Total Units Required | 23 Units |

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

- 9th 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 |
|-------------------------|--|--|---|--|---|--|--|-----------------|
| Credits Required | 4 units – must include 9 th Grade Literature & American Literature plus two additional GSE/AP/IB/DE courses  | 4 units – 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  | 4 units – must include Physical Science or Physics; Biology; Chemistry, Earth Systems, Environmental Science or AP/IB/DE courses  | 3 units – must include World History, US History, Personal Finance & Economics, and Government  | 1 unit – must include ½ unit of Health and ½ unit of Personal Fitness  | 3 units – any combination; two units of Modern Language required for most four-year post-secondary institutions   | 4 units     | 23 Units |

MY CHOICES

| 8th Grade Record Carnegie unit courses earned | 9th Grade For promotion to 10 th grade: 6 credits | 10th Grade For promotion to 11 th grade: 12 credits* *2 Core English, Math, Science plus 1 Core Social Studies | 11th Grade For promotion to 12 th grade: 18 credits** **2 Core English, Science, Social Studies plus 3 Core Math and a planned program to graduate | 12th Grade 23 credits required in order to receive a high school diploma (refer to chart above). | Post-Secondary 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 (i²), 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 11th and 12th 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.



FLOWRY BRANCH 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

F = Flowery Branch

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) ^H 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



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
Flowery Branch 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

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

ARTS, A/V TECHNOLOGY & COMMUNICATIONS

Graphic Communications ^ (F)
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 ^ (F)
48.56100 Introduction to Graphics and Design
48.56200 Graphic Design and Production
48.52800 Advanced Graphic Design
Capstone Experience: WBL Internship

EDUCATION & TRAINING

Early Childhood Education (F) □
20.52810 Early Childhood Education I
20.42400 Early Childhood Education II
20.42500 Early Childhood Education III
Capstone Experience: WBL Internship

Teaching As A Profession ^ (F)
13.01100 Examining the Teaching Profession
13.01200 Contemporary Issues in Education
13.01300 Teaching as a Profession Practicum
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

Diagnostics/Phlebotomy Pathway ^ (F)
25.52100 Introduction to Healthcare Science
25.44000 Essentials of Healthcare «
25.57400 Diagnostics Phlebotomy
Capstone Experience: WBL Internship

Allied Health & Medicine ^ (F)
25.52100 Introduction to Healthcare Science
25.44000 Essentials of Healthcare «
25.43700 Allied Health & Medicine
Capstone Experience: WBL Internship

Emergency Medical Responder ^ (F)
25.52100 Introduction to Healthcare Science
25.44000 Essentials of Healthcare «
25.45000 Emergency Medical Responder
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 Management ^
Capstone Experience: WBL Internship

HUMAN SERVICES

Nutrition and Food Science (F)
20.41610 Food, Nutrition & Wellness
20.41400 Food for Life ^
20.41810 Food Science ^
Capstone Experience: WBL Internship

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

Computer Science ^ (F)
11.44600 Introduction to Software Technology *
11.47100 Computer Science Principles ^ ~ **OR**
11.01900 AP Computer Science Principles ^ ~ *
11.01600 AP Computer Science A ^ ~
Capstone Experience: WBL Internship

Game Design ^ (F)
11.44600 Introduction to Software Technology
11.47100 Computer Science Principles ^ ~ **OR**
11.01900 AP Computer Science Principles ^ ~
11.42900 Game Design: Animation and Simulation ^ ~
Capstone Experience: WBL Internship

MANUFACTURING

Machine Operations (F)
46.54500 Industry Fundamentals & Occupational Safety
48.58100 Introduction to Metals
48.59100 Machining Operations I
Capstone Experience: WBL Internship

Welding (F)
46.54500 Industry Fundamentals & Occupational Safety
48.58100 Introduction to Metals
48.55100 Welding I
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 & Management (F)
08.47400 Marketing Principles
08.44100 Marketing & Entrepreneurship ^
08.44200 Marketing & Management ^
Capstone Experience: WBL Internship

Marketing Communications & Promotions (F)
08.47400 Marketing Principles
08.45100 Promotional and Digital Marketing
08.45200 Integrated Marketing Communications
Capstone Experience: WBL Internship

SCIENCE, TECH, ENGINEERING & MATHEMATICS

Engineering & Technology ^ (F)
21.42500 Foundations of Engineering/Technology
21.47100 Engineering Concepts
21.47200 Engineering Applications
Capstone Experience: WBL Internship

WORKFORCE READY

Workforce Ready (F)
32.43000 Introduction to Career Competencies
32.43100 Career Competencies
32.43200 Advanced Career Competencies
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.

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

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**.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.

Advanced Placement Research, ELA**1 Unit**

CIP #: 23.03700

Prerequisite: Approval of school AP Coordinator

Credit Type: L3; Core or elective credit

Description: AP Research allows students to deeply explore an academic topic, problem or issue of individual interest. Students design, plan, and conduct a year-long mentored, research-based investigation to address a research question. Students further their skills acquired in AP Seminar by understanding research methods; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. Course culminates in an academic thesis paper of approximately 5000 words and a presentation, performance, or exhibition with an oral defense.

Advanced Placement Seminar, ELA**1 Unit**

CIP #: 23.03800

Prerequisite: Approval of school AP Coordinator

Credit Type: L3; Core or elective credit

Description: AP Seminar allows students to engage in cross-curricular conversations that explore topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary, and philosophical texts, speeches, broadcasts, and personal accounts. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations. Course aims to equip students with power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

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|---|---------------------|
| Reading Enrichment CIP #: 23.08200 Prerequisite: Score of <25%tile on ITBS, or <300 on Reading CRCT Credit Type: L1; Elective credit only Description: Enhances essential reading skills necessary to promote continual development in reading. | .5 or 1 Unit |
| Writer's Workshop 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. | .5 or 1 Unit |
| Communication Skills 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. | .5 or 1 Unit |
| Basic Reading/Writing I, II, III, IV 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. | .5 or 1 Unit |
| English ESOL I – II CIP #: 23.09100 (I) CIP #: 23.09200 (II) 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. | 1 Unit |
| Language Arts Work-Based Learning (WBL) Placement 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. | .5 or 1 Unit |

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 & Precalculus is a thoughtful blend of Advanced Algebra: Concepts & Connections and Precalculus. Students will be provided the opportunity to develop a deep understanding of concepts in Algebra that are critical to the study of Calculus as well as an understanding of trigonometry and its applications. 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 (Honors)**1 Unit**

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 CCGPS 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) Precalculus**1 Unit**

CIP #: 27.07410

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

Credit Type: L3; Core or elective credit

Description: In AP Precalculus, students explore everyday situations using mathematical tools and lenses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. They will learn how to observe, explore, and build mathematical meaning from dynamic systems, an important practice for thriving in an ever-changing world. 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.

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

CIP #: 27.07300

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

Credit Type: L3; Core or elective credit

Description: Conforms to College Board topics for the AP Calculus BC Examination; includes AP Calculus AB topics, as well as vector functions, parametric equations, conversions, parametrically defined curves, tangent lines, and sequence and series. Enrollment in AP includes the commitment to take the AP exam.

Technical College Readiness Mathematics**1 Unit**

CIP #: 27.09000

Prerequisite: Score of "Beginning Learner" or "Developing Learner" on Coordinate Algebra/GSE Algebra I EOC or score of less than 229 on Next Generation ACCUPLACER Arithmetic Placement Test.

Credit Type: L1; Core or elective credit; **course meets Mathematics requirement for high school graduation but is not recognized by NCAA for student athletes.**

Description: This course is designed to meet the needs of students who have passed Algebra I, have passed or are concurrently enrolled in Geometry: Concepts and Connections while taking this course, and intend to enroll in a technical college program. The course is aimed at students who have experienced difficulty in passing middle school mathematics End of Grade (EOG) assessments, have struggled significantly in the first two high school core mathematics courses, and/or have scored less than 34 on the ACCUPLACER Placement Assessment. The ACCUPLACER Placement Assessment may serve as the course post-test.

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.

Physical Science**1 Unit**

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.

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****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**Forensic Science (Honors)****1 Unit**

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 used in criminal investigations, will apply the principles of forensic science to hypothetical crimes, and will use the scientific process to solve fictional crimes.

Microbiology (Honors)**1 Unit**

CIP #: 26.05100

Prerequisite: Biology recommended; teacher recommendation for honors

Credit Type: L2; Core or elective credit; life science course

Description: This course focuses on archaeobacteria, prokaryotes, eukaryotes, and viruses. Students will study historical microbiology, growth and identification of bacteria, control of microbial growth, pathogenic microbiology, food and dairy microbiology, and soil and water microbiology. Students will utilize scientific inquiry to solve problems related to disease, bioterrorism, biotechnology and ecology.

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

CIP #: 40.08100

CIP #: 40.08310 (AP)

Prerequisite: Teacher recommendation for Honors; GSE Accelerated Geometry/Advanced Algebra; GSE Geometry; GSE Algebra II 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.

Advanced Placement (AP) Physics C: Mechanics**1 Unit**

CIP #: 40.08410

Prerequisite: Physics I; Teacher recommendation

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

Description: Conforms to College Board topics for the AP Physics C Exam; covers kinematics, Newton's Laws of Motion, work, energy, power, systems of particles, linear momentum, rotation, oscillations and gravitation, electrostatics, conductors, capacitors, dielectrics, electric circuits, magnetostatics, and electromagnetism. Enrollment in AP includes the commitment to take the AP exam.

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
Physical Sciences Work-Based Learning (WBL) Placement (Honors)

.5 or 1 Unit

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.

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| Personal Finance and Economics | .5 Unit |
| Personal Finance and Economics (Honors) | .5 Unit |
| Advanced Placement (AP) Macroeconomics | 1 Unit |

CIP #: 45.06100

CIP #: 45.06200 (AP Macroeconomics)

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. Enrollment in AP includes the commitment to take the AP exam.

Advanced Placement (AP) European History **1 Unit**

CIP #: 45.08400

Prerequisite: Teacher recommendation

Credit Type: L3; Elective credit

Description: Conforms to College Board topics for the AP examination; covers intellectual and cultural history, political and diplomatic history and social and economic history. Enrollment in AP includes the commitment to take the AP exam.

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.

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 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.

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.

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

CIP #: 60.01100 (I)

CIP #: 60.01200 (II)

CIP #: 60.01300 (III)

CIP #: 60.01400 (IV)

CIP #: 60.01500 (V)

Prerequisite: Courses must be taken in sequence

Credit Type: L1 or L2; Core or elective credit

Description: Presents French language in an integrated way emphasizing listening, speaking, reading, and writing; includes asking and responding to basic questions, speaking and reading within a range of carefully selected topics. Develops an understanding of French-speaking cultures. Honors level courses emphasize the acquisition of authentic language, including recognizing the nuances, idiomatic phrases and regional differences of the language; students will learn to understand the language spoken at a normal rate and increase abilities to accurately express themselves on topics both orally and in writing to an increasingly advanced level of proficiency.

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.

Chinese I, II

1 Unit

Chinese III – V (Honors)

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.

Spoken Languages Work-Based Learning (WBL) Placement

.5 or 1 Unit

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

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.

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

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.

Theatre Arts Work-Based Learning (WBL) Placement
Theatre Arts Work-Based Learning (WBL) Placement (Honors)

.5 or 1 Unit

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.

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| MUSIC |
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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 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.

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.

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.

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.

Mastery Mixed Chorus I – IV**1 Unit**

CIP #: 54.02350 (I)

CIP #: 54.02360 (II)

CIP #: 54.02370 (III)

CIP #: 54.02380 (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 Class A literature.

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.

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.

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) Art History**1 Unit**

CIP #: 50.09210

Prerequisite: Visual Arts Comprehensive I; Teacher recommendation

Credit Type: L3; Core or elective credit

Description: Explores the nature of art, art making, and responses to art. By investigating specific course content of 250 works of art characterized by diverse artistic traditions from prehistory to the present, course fosters in-depth, holistic understanding of the history of art from a global perspective. Enrollment in AP includes the commitment to take the AP exam.

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 11th or 12th 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.

ARCHITECTURE & CONSTRUCTION

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

Heating, Vent, Air Conditioning & Refrigeration (L)

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

** Course taken at home school.*

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 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

.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.

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.

Graphic Communication Pathway ^H (F)

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

Graphic Design Pathway ^H (F)

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

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.

Advanced Animation: Game and APP Design**1 Unit**

CIP #: 48.42300

Prerequisite: Principles and Concepts of Animation

Credit Type: L1; Core or elective credit

Description: Students will continue working in 2-D and 3-D environments by importing 3-D models while working in 3-D space morphing, and inverse kinematics. While learning the basics of Game and APP design, the students will acquire knowledge of human and animal animations, apply the aesthetic and technical aspects of animation of characters, and analyze the physics and physicalization of action, weight, and timing. The course advances students' knowledge of sound integration into animated products; by focusing on skills that include lip-syncing, voice overs, and synchronization. Portfolio development will include animation reels and other products. Students will learn the processes of post-production and will work both independently and in small production teams to manage the production pipeline for a 3-D project. In the final phases of the project completion, students will work collaboratively to meet deadlines and will be expected to produce an animated final project that reflects competency with editing, rendering, updating reel, and self-promotional support items.

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.

BUSINESS, MANAGEMENT & ADMINISTRATION

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

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* (F)

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

Teaching As A Profession Pathway^H (F)

- Examining the Teaching Profession
- Contemporary Issues in Education
- Teaching as a Profession Practicum

** 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.*

Examining the Teaching Profession

1 Unit

Examining the Teaching Profession (Honors)

CIP #: 13.011

Prerequisite: Must be in grades 10-12

Credit Type: L2; Elective credit; course may be blocked for two periods in a semester

Description: Foundational course under the Teaching as a Profession pathway and prepares students for future positions in the field of education. Students study, apply, and practice the use of current technologies, effective teaching and learning strategies, the creation of an effective learning environment, the creation of instructional opportunities for diverse learners and students with special needs, and plan instruction based on knowledge of subject matter, students, community, and curriculum performance standards.

Contemporary Issues in Education

1 Unit

Contemporary Issues in Education (Honors)

CIP #: 13.012

Prerequisite: Examining the Teaching Profession

Credit Type: L2; Elective credit; course may be blocked for two periods in a semester

Description: Engages the candidate in observations, interactions, and analyses of critical and contemporary educational issues. The candidate will investigate issues influencing the social and political contexts of educational settings in Georgia and the United States and actively examine the teaching profession from multiple vantage points both within and outside of the school.

Teaching as a Profession Practicum

1 Unit

Teaching as a Profession Practicum (Honors)

CIP #: 13.01300

Prerequisite: Examining the Teaching Profession or approval of WBL Coordinator

Credit Type: L2; Elective credit; course may be blocked for two periods in a semester

Description: Field experience under the direct supervision of a certified mentor teacher; stresses observing, analyzing, & classifying activities of the mentor teacher; plan & teach a lesson(s), understand and practice confidentiality as it pertains to the teaching profession, maintain the safety of the students & practice professionalism and ethical behavior. Candidate intern will develop a portfolio.

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.

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

Diagnostics/Phlebotomy ^H (F)

- Introduction to Healthcare Science
- Essentials of Healthcare
- Diagnostics/Phlebotomy

Therapeutic Serv-Allied Health & Medicine ^H (F)

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

Therapeutic Serv-Emergency Med Responder ^H (F)

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

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.

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.

Diagnostics Phlebotomy
Diagnostics Phlebotomy (Honors)

1 Unit

CIP #: 25.57400

Prerequisite: Introduction to Healthcare Science; Essentials of Healthcare

Credit Type: L1; Core or elective credit

Description: Course is designed to help students become prepared for the phlebotomy technician certification exam, upon completion of all required components. Topics covered in this course include employability skills, careers, terminology and equipment, safety and compliance, quality assurance, site-specific anatomy, patient preparation for venipuncture, performing of venipuncture, and special processing and transport. During this course, simulated venipuncture may be performed.

Health Science Technology Work-Based Learning (WBL) Placement
Health Science Technology Work-Based Learning (WBL) Placement (Honors)

.5 or 1 Unit

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 ^H
- Hospitality, Recreation/Tourism Management ^H

** 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
Hospitality, Recreation & Tourism Essentials (Honors)

1 Unit

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 & 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 #: 20.7XXXXX3

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.

Food & Nutrition Pathway (F)

- Food, Nutrition & Wellness
- Food for Life
- Food Science

Personal Care Services-Cosmetology (L)

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

Introduction to Personal Care Services

CIP #: 12.544

Prerequisite: None

Credit Type: L1; Core or elective credit

1 Unit

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

CIP #: 12.41000

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

Credit Type: L1; Core or elective credit

1 Unit

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

CIP #: 12.41100

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

Credit Type: L1; Core or elective credit

1 Unit

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

CIP #: 12.41200

Prerequisite: Cosmetology Services III

Credit Type: L1; Core or elective credit

1 Unit

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.

Food, Nutrition & Wellness**1 Unit**

CIP #: 20.41610

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: The foundational course in the Nutrition & Food Science pathway with the focus of the course centered on healthy food and lifestyle choices. Students will investigate the interrelationship of food, nutrition and wellness to promote good health.

Food for Life**1 Unit**

CIP #: 20.41400

Prerequisite: Food, Nutrition & Wellness Recommended

Credit Type: L1; 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 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 Early Childhood Education pathway courses must have been completed while enrolled in the Hall County School District. A grade of "P" (Pass) will be awarded.**

Description: Addresses the variation in nutritional needs at specific stages of the human life cycle: lactation, infancy, childhood, adolescence, and adulthood including elderly. Provides knowledge for real life and offers students a pathway into dietetics, consumer foods, and nutrition science careers with additional education at the post-secondary level.

Food Science**1 Unit**

CIP #: 20.41810

Prerequisite: Food, Nutrition & Wellness

Credit Type: L1; Core or elective credit; **course satisfies the fourth science requirement for students entering ninth grade in 2008 and later, but is recognized by the Board of Regents as such. 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 Culinary Arts pathway courses must have been completed while enrolled in the Hall County School District. A grade of "P" (Pass) will be awarded.**

Description: Evaluate the effects of processing, preparation, and storage on the quality, safety, wholesomeness, and nutritive value of foods in an applied context, exposing students to the wonders of the scientific world.

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.

Computer Science Path ^H (F)*

- Intro to Digital Technology **OR** Intro to Software Technology
- Computer Science Principles **OR** AP Computer Science Prin
- AP Computer Science A

* Some coursework may be taken virtually.

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

Game Design Pathway ^H (F)

- Intro to Digital Technology **OR** Intro to Software Technology
- Computer Science Principles **OR** AP Computer Science Prin
- Game Design: Animation and Simulation

Introduction to Software Technology**1 Unit****Introduction to Software Technology (Honors)**

CIP #: 11.446

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.

Computer Science Principles

1 Unit

Computer Science Principles (Honors)

CIP #: 11.471

Prerequisite: Introduction to Digital Technology; teacher recommendation

Credit Type: L1 or L2; Core or elective credit; **course meets fourth science requirement for students entering ninth grade in 2015 and later and is recognized by the Board of Regents as such. Course also meets fourth mathematics 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.**

Description: Engage your creativity, demonstrate and build your problem solving ability all while connecting the relevance of computer science to the society! Focuses on building a solid understanding and foundation in computer science and emphasizes the content, practices, thinking and skills central to the discipline of computer science.

AP Computer Science Principles

1 Unit

CIP #: 11.019

Prerequisite: Teacher recommendation

Credit Type: L3; Core or elective credit; **course meets fourth science requirement for students entering ninth grade in 2015 and later and is recognized by the Board of Regents as such. Course also meets fourth mathematics 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.**

Description: Engage your creativity, demonstrate and build your problem solving ability all while connecting the relevance of computer science to the society! Focuses on building a solid understanding and foundation in computer science and emphasizes the content, practices, thinking and skills central to the discipline of computer science.

Game Design: Animation and Simulation

1 Unit

Game Design: Animation and Simulation (Honors)

CIP #: 11.42900

Prerequisite: Computer Science Principles

Credit Type: L1 or L2; Core or elective credit; **course meets fourth science requirement for students entering ninth grade in 2015 and later and is recognized by the Board of Regents as such. Course also meets fourth mathematics 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.**

Description: Students completing this course will gain an understanding of the fundamental principles used at every stage of the game creation process. First, game genres and modes of play are explored in terms of the psychology of incentives, motivation to play, and social networking. Next, virtual characters and non-player characters are reviewed from concept drawing to 2D and 3D art, rigging, and animation. Next, level design, storytelling, and animation are added to develop a virtual world around the characters. These same techniques are at work in training simulator systems, virtual shopping experiences, augmented reality, and a number of other important career options.

Advanced Placement Computer Science A

1 Unit

CIP #: 11.01600

Prerequisite: Approval by instructor

Credit Type: L3; Core or elective credit; **course satisfies the fourth science requirement for students entering ninth grade in 2015 and later and is recognized by the Board of Regents as such. Course also meets fourth mathematics 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.**

Description: Conforms to the College Board syllabus for the Advanced Placement Computer Science Examination. Covers programming methodology, features of programming languages, fundamental data structures, algorithms, and computer systems. Students taking this course must take the AP exam.

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.

Machining Operations Pathway (F)

- Industry Fund & Occupational Safety
- Introduction to Metals
- Machining Operations I

Welding Pathway (F)

- Industry Fund & Occupational Safety
- Introduction to Metals
- Welding I

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 Metals**1 Unit**

CIP #: 48.58100

Prerequisite: Industry Fundamentals & Occupational Safety

Credit Type: L1; Core or elective credit

Description: Designed to familiarize students with fundamentals of various metal occupations for the purpose of preparing them to select either welding, sheet metal, or machining for more highly specialized training in subsequent courses.

Machining Operations I**1 Unit**

CIP #: 48.59000

Prerequisite: Introduction to Metals

Credit Type: L1; Core or elective credit

Description: Acquaints the students with the history of the machining trade, equipment used in the trade, attributes of successful machinists, industry credentialing, and career opportunities. Course topics include safety, applied mathematics, measuring instruments, blueprint reading, and metallurgy. Practical experience will be gained in the proper use and maintenance of hand tools, the pedestal grinder, the drill press, and band saws.

Welding I**1 Unit**

CIP #: 48.55100

Prerequisite: Introduction to Metals

Credit Type: L1; Core or elective credit

Description: Basic knowledge of equipment in oxyfuel and shielded metal arc welding (SMAW). In oxy-fuel area, students will create accurate cuts and perform washing and gouging procedures; critique their work pieces by welding codes, identifying imperfections, common test methods, and evaluate setups to determine proper setup of work and equipment. In SMAW, learn and model proper safety and learn to make judgment calls in selection of electrodes and metal preparation to create beads and fillet welds using various rods.

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**.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.

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 & Management Pathway (F)

- Marketing Principles
- Marketing & Entrepreneurship ^H
- Marketing Management ^H

Marketing Comm & Promotion Pathway (F)

- 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).*

Marketing & Entrepreneurship**1 Unit****Marketing & Entrepreneurship (Honors)**

CIP #: 08.44100

Prerequisite: Marketing Principles

Credit Type: L1; Core or elective credit

Description: Begins an in-depth and detailed study of marketing while also focusing on management with specific emphasis on small business ownership. Builds on the theories learned in Marketing Principles by providing practical application scenarios which test these theories. In addition, focuses on the role of the supervisor and examines the qualities needed to be successful.

Marketing Management**1 Unit****Marketing Management (Honors)**

CIP #: 08.44200

Prerequisite: Marketing Principles

Credit Type: L1; Core or elective credit

Description: Students assume a managerial perspective by applying economic principles in marketing, analyzing operation's needs, examining channel management and financial alternatives, managing marketing information, pricing products and services, developing product/service planning strategies, promoting products and services, purchasing, and professional sales. Includes global marketing where students analyze marketing strategies employed in the United States versus those employed in other countries.

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; & 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.

Engineering and Technology Pathway ^H (F)

- Foundations of Engineering/Technology
- Engineering Concepts
- Engineering Applications

Foundations of Engineering and Technology**1 Unit****Foundations of Engineering and Technology (Honors)**

CIP #: 21.42500

Prerequisite: STEM/STEAM Academy acceptance and/or instructor approval

Credit Type: L1 or L2; Core or elective credit

Description: This STEM driven course provides an overview of engineering and technology including the different methods used in the engineering design process developing fundamental technology and engineering literacy. Students will demonstrate the skills and knowledge they have learned through various project based activities while using an engineering design process to successfully master the “E” in STEM.

Engineering Concepts

1 Unit

Engineering Concepts (Honors)

CIP #: 21.47100

Prerequisite: Foundations of Engineering and Technology

Credit Type: L1 or L2; Core or elective credit

Description: This STEM driven course introduces students to the fundamental principles of engineering. Students learn about areas of specialization within engineering and engineering design, and apply engineering tools and procedures as they complete hands-on instructional activities.

Engineering Applications

1 Unit

Engineering Applications (Honors)

CIP #: 21.47200

Prerequisite: Foundations of Engineering and Technology

Credit Type: L1 or L2; Core or elective credit

Description: This STEM driven course provides students with the opportunity to apply engineering design as they develop a solution for a technological problem. Students use applications of mathematics and science to predict the success of an engineered solution and complete hands-on activities with tools, materials, and processes as they develop a working drawings and prototypes.

Research, Design, and Project Management (Honors)

1 Unit

CIP#: 21.46100

Prerequisite: Completion of the Engineering Pathway (3 courses) is required.

Credit Type: L2; Core or elective credit

Description: This course provides students with opportunities to work with students from other pathways as a member of a design team. Research strategies, prototype testing and evaluation, and communication skills are emphasized.

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

.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

Workforce Ready (F)

- Introduction to Career Competencies
- Career Competencies
- Advanced Career Competencies

Introduction to Career Competencies

1 Unit

CIP #: 32.43000

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: Students acquire employability skills that ease their transition to the workforce. Specific skills within the course provide additional opportunities for students to sharpen academic and employability skills, financial literacy, multiple forms of communication strategies, mastery of technology and specific-related tools, workplace safety, and self-advocacy approaches.

Career Competencies

1 Unit

CIP #: 32.43100

Prerequisite: Introduction to Career Competencies

Credit Type: L1; Core or elective credit

Description: Students acquire employability skills that ease their transition to the workforce. Specific skills within the course provide additional opportunities for students to sharpen academic and employability skills, financial literacy, multiple forms of communication strategies, mastery of technology and specific-related tools, workplace safety, and self-advocacy approaches.

Advanced Career Competencies

1 Unit

CIP #: 32.43200

Prerequisite: Introduction to Career Competencies

Credit Type: L1; Core or elective credit

Description: Students will use various opportunities and settings to demonstrate knowledge and application of employability skills acquired in prior courses. Specific skills within the course provide additional opportunities for students to sharpen academic and employability skills, financial literacy, multiple forms of communication strategies, leadership skills, mastery of technology and specific-related tools, workplace safety, and self-advocacy approaches. Students will have heavy exposure to workplace and community experiences, complete and present career portfolios, complete a community/school service project, hone leadership skills, and earn business and industry recognized credentials.

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.

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)

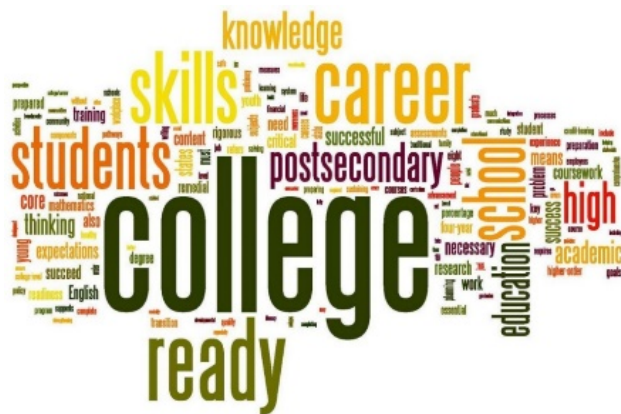
Prerequisite: Courses must be taken in sequence

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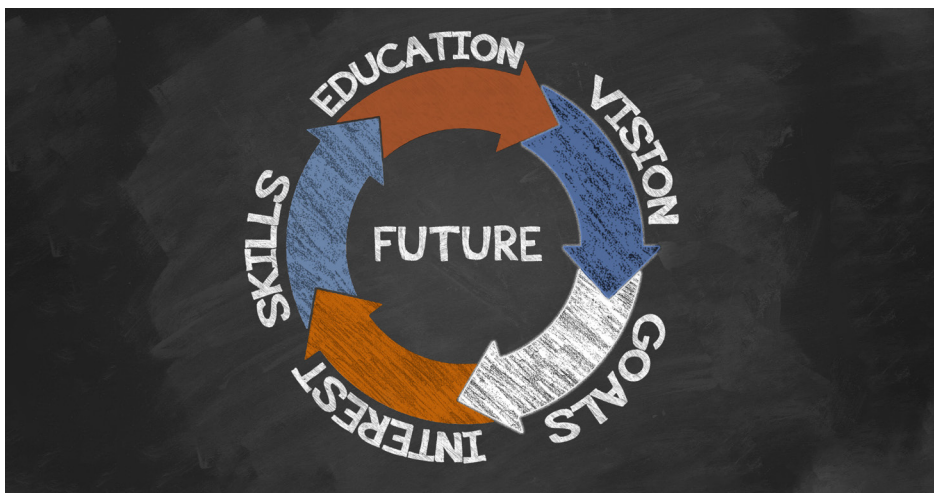
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Don't Delay – Start Planning for Your Future TODAY!

HALL COUNTY SCHOOLS *High School Planning Guide*

COURSES | PROGRAMS | PATHWAYS

Character, Competency, Rigor... For All



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Mr. William Schofield, Superintendent

Mr. Kevin Bales, Deputy Superintendent, Teaching & Learning

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