

2019-2020

HALL COUNTY SCHOOLS

High School Planning Guide

Courses Programs Pathways

Unique Opportunities for a Head
Start on **YOUR** Career Path!



The Hall County School District is committed to ensuring that all students graduate both college and career ready.

Hall County Schools



Program of Choice: LEGACY Program

Career Technology Programs: Criminal Justice with Forensics, Engineering, Health Science, Information Technology, Marketing, Metals Technology



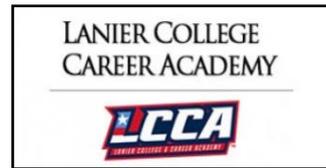
Program of Choice: Johnson International Scholars Academy (JISA) and International Baccalaureate (IB) Diploma Program

Career Technology Programs: Audio-Video Technology, Business, Construction, Education & Training, Family Consumer Science, Graphic Arts, Health Science, Information Technology



Program of Choice: Renaissance Academy for Creative Enterprises (RACE) and the AP Capstone Program

Career Technology Programs: Audio-Video Technology, Business, Construction, Graphic Arts, Health Science, Information Technology, Marketing



Program of Choice: Part-time CTAE Pathways, Full-time Specialized Work-Ready Programs of Choice and Dual Enrollment Opportunities

Career Technology Programs: Agriculture Mechanics, Cosmetology, Culinary Arts, Hospitality & Tourism, HVAC



Program 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



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

Career Technology Programs: Agriculture, Business, Education & Training, Engineering, Family Consumer Science, Health Science, Information Technology, Marketing, Metals Technology



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

Career Technology Programs: Business, Education & Training, Engineering, Family Consumer Science, Graphic Arts, Health Science, Information Technology, Marketing, Metals Technology



Program of Choice: Innovation Institute (i2), World Scholars and International Baccalaureate (IB) Diploma Program

Career Technology Programs: Audio-Video Technology, Business, Construction, Education & Training, Graphic Arts, Health Science, Marketing



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 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 be developing 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.

<u>Graduation Requirements</u>	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 Economics
Mathematics	4 Units Must include GSE Coordinate Algebra, GSE Analytic Geometry, and GSE Advanced Algebra PLUS one additional GSE/AP/IB/DE Math course OR GSE Accelerated Coordinate Algebra/Analytic Geometry A, GSE Accelerated Analytic Geometry B/Advanced Algebra, 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 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 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 17 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)*
- Economics (1/2 unit)*



Mathematics – 4 units

- Coordinate Algebra*
- Analytic Geometry*
- Advanced Algebra
- PreCalculus/Calculus/
Advanced Mathematical Decision
Making/Statistics/AP/IB/DE 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

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 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) at Flowery Branch High School
- Johnson International Scholars Academy (JISA) and International Baccalaureate (IB) at Johnson High School
- ATLAS and STEM Academies and International Baccalaureate (IB) at North Hall High School
- Innovation Institute (i²), World Scholars Program (WSP), and International Baccalaureate (IB) at West Hall High School
- Early College @ Jones is available to all Hall County High School students accepted into Lanier Tech, University of North Georgia, and/or Brenau University
- Lanier College Career Academy (LCCA) provides specialized work ready career pathways and post-secondary education opportunities to students from all high schools

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 the 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: 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.

Level 3 – Advanced Placement/International Baccalaureate/ Dual Enrollment Core:

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 Early College @ Jones 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.

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

Final Numeric Course Grade	LEVEL 3	LEVEL 2	LEVEL 1
	AP/IB/ DE Core	Honors/ Accelerated/ MOWR Non-Core	All other courses
95 – 100	5.0	4.5	4.0
90 – 94	4.5	4.0	4.0
85 – 89	4.0	3.5	3.0
80 – 84	3.5	3.0	3.0
75 – 79	3.0	2.5	2.0
70 – 74	2.5	2.0	2.0
BELOW 70	0	0	0

NOTE: AP = Advanced Placement, IB = International Baccalaureate, DE = Dual Enrollment

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

Extended Instructional Programs

High School summer classes are available through Lanier College Career Academy’s summer school program. This tuition-based program utilizes self-paced, online courses that can be completed at school or at-home.

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 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 six businesses: Corner Cafe coffee shop, Bistro at the Oaks fine dining restaurant, Meeting & Events conference center, Design 360 personalized promotions lab, Small Engine Repair shop, and 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. LCCA offers several technical college certificate programs on-site. Once students graduate from high school, they may continue with Lanier Tech 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.

What is Dual Enrollment?

The Dual Enrollment program provides funding 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, LCCA and Early College at Jones.

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 is Early College at Jones?



Hall County's Early College is an innovative way for high school students to earn a high school diploma while also earning college credits. Hall County Schools is partnering with Lanier Tech College (LTC), the University of North Georgia (UNG), and Brenau University to provide unique access to Georgia's Dual Enrollment program.

LTC, UNG, and Brenau professors will teach courses on the Jones Early College campus, and transportation will be provided for all students during the school day. Unique to this program is that all students will participate in learning supports that include tutoring, career guidance, and personalized planning to meet college and career goals.



Students have the opportunity to take multiple LTC/UNG/Brenau courses per semester at the Jones campus and one or more classes at their high school campus. Dual Enrollment funds cover all tuition, textbooks, and mandatory fees for each course. Some courses may require purchase of course supplies. In order to ensure that every student has access to required technology, Hall County Schools will issue a Chromebook to students taking specific core academic courses. See your Counselor for program details and eligibility requirements.

AGRICULTURE, FOOD & NATURAL RESOURCES

Agriculture Leadership in Animal Production (E, N)
 #3015 Basic Agricultural Science and Technology
 #3064 Animal Science & Biotechnology
 #3024 Agribusiness Management and Leadership
Capstone Experience: WBL Internship

Agricultural Mechanics Pathway (L)
 #3015 Basic Agricultural Science and Technology
 #3001 Agricultural Mechanics Technology I
 #3002 Agricultural Mechanics Technology II
Capstone Experience: WBL Internship

Agricultural Mechanics/Metals Fabrication Pathway (L, N)
 #3015 Basic Agricultural Science and Technology
 #3001 Agricultural Mechanics Technology I
 #3018 Agricultural Metals Fabrication
Capstone Experience: WBL Internship

Horticulture & Animal Systems Pathway (E)
 #3015 Basic Agricultural Science and Technology
 #3050 General Horticulture and Plant Science
 #3064 Animal Science/Biotechnology
Capstone Experience: WBL Internship

Veterinary Science Pathway (N)
 #3015 Basic Agricultural Science and Technology
 #3064 Animal Science and Biotechnology
 #3063 Veterinary Science
Capstone Experience: WBL Internship

ARCHITECTURE & CONSTRUCTION

Carpentry Pathway (C, J, L, W)
 #3135 Industry Fundamentals & Occupational Safety
 #3150 Introduction to Construction
 #3140 Carpentry I
Capstone Experience: WBL Internship

Electrical Pathway (C, J, W)
 #3135 Industry Fundamentals & Occupational Safety
 #3150 Introduction to Construction
 #3145 Electrical I
Capstone Experience: WBL Internship

Plumbing Pathway (J)
 #3135 Industry Fundamentals & Occupational Safety
 #3150 Introduction to Construction
 #3160 Plumbing I
Capstone Experience: WBL Internship

Heating, Vent, Air Conditioning & Refrigeration (L)
 #3135 Industry Fundamentals & Occupational Safety
 #3137 Introduction to HVACR Systems
 #3138 Heating, Ventilation, Air Cond, & Refrigeration
Capstone Experience: WBL Internship

HVACR Electrical Pathway (L)
 #3135 Industry Fundamentals & Occupational Safety
 #3137 Introduction to HVACR Systems
 #3139 Low Voltage Electrical
Capstone Experience: WBL Internship

ARTS, AV TECHNOLOGY & COMMUNICATIONS

Audio-Video Technology/Film I Pathway (C, J, W)
 #3205 Audio-Video Technology Film I
 #3206 Audio-Video Tech Film II
 #3207 Audio-Video Tech Film III
Capstone Experience: WBL Internship

Audio-Video Technology & Film II Pathway (C, J, W)
 #3205 Audio-Video Technology Film I
 #3206 Audio-Video Tech Film II
 #3204 Broadcast Video Applications
Capstone Experience: WBL Internship

Graphic Communications Pathway (C, E, F, J, W)
 #3220 Introduction to Graphics and Design
 #3225 Graphic Design and Production
 #3244 Adv Graphic Output Processes
Capstone Experience: WBL Internship

Graphic Design Pathway (C, E, F, J, W) ^{II}
 #3220 Introduction to Graphics and Design
 #3225 Graphic Design and Production
 #3245 Advanced Graphic Design
Capstone Experience: WBL Internship

BUSINESS, MANAGEMENT & ADMINISTRATION

Business & Technology Pathway (C, E, F, J, W)
 #3306 Intro to Business and Technology
 #3308 Business & Technology
 #3367 Business Communications
Capstone Experience: WBL Internship

Entrepreneurship Pathway (C, E, N)
 #3306 Intro to Business and Technology
 #3320 Legal Environment of Business
 #3360 Entrepreneurship
Capstone Experience: WBL Internship

EDUCATION & TRAINING

Early Childhood Education Pathway (F, J, N)
 #3846 Early Childhood Education I
 #3843 Early Childhood Education II
 #3844 Early Childhood Education III
Capstone Experience: WBL Internship

Teaching As A Profession Pathway (C, N, W) ^{II}
 #3501 Examining the Teaching Profession
 #3506 Contemporary Issues in Education
 #3510 Teaching as a Profession Practicum
Capstone Experience: WBL Internship

GOVERNMENT & PUBLIC ADMINISTRATION

JROTC Naval Science Pathway (E)
 #4301 Cadet Field Manual
 #4302 Introduction to NJROTC
 #4303 Maritime History
Capstone Experience: WBL Internship



HEALTH SCIENCE

Allied Health & Medicine Pathway (C, E, F, J, N, W) ^{II}
 #3600/3604 Introduction to Healthcare Science
 #3602/3612 Essentials of Healthcare
 #3653/3654 Allied Health & Medicine
Capstone Experience: WBL Internship

Biotechnology Research & Development (N) ^{II}
 #3600/3604 Introduction to Healthcare Science
 #3684/3685 Essentials of Biotechnology
 #3680/3681 Applications of Biotechnology
Capstone Experience: WBL Internship

Diagnostics/Non-Invasive Technology (N)
 #3600/3604 Introduction to Healthcare Science
 #3602/3612 Essentials of Healthcare
 #3614 Non-Invasive Diagnostic Technology
Capstone Experience: WBL Internship

Diagnostics/Phlebotomy Pathway (CB, E)
 #3600/3604 Introduction to Healthcare Science
 #3602/3612 Essentials of Healthcare
 #3631 Diagnostics Phlebotomy
Capstone Experience: WBL Internship

Emergency Medical Responder (C, J, W)
 #3600/3604 Introduction to Healthcare Science
 #3602/3612 Essentials of Healthcare
 #3616 Emergency Medical Responder
Capstone Experience: WBL Internship

Patient Care Pathway (C, E, J)
 #3600/3604 Introduction to Healthcare Science
 #3602/3612 Essentials of Healthcare
 #3603 Patient Care Fundamentals
Capstone Experience: WBL Internship

Therapeutic Services-Exercise Physiology (C, CB)
 #3600/3604 Introduction to Healthcare Science
 #3602/3612 Essentials of Healthcare
 #3651 Fundamentals of Exercise Physiology
Capstone Experience: WBL Internship

Therapeutic Services-Pharmacy Pathway (W)
 #3600/3604 Introduction to Healthcare Science
 #3602/3612 Essentials of Healthcare
 #3636 Pharmacy Operations & Fundamentals
Capstone Experience: WBL Internship

Therapeutic Services-Sports Medicine (C, CB, F, E, N)
 #3600/3604 Introduction to Healthcare Science
 #3602/3612 Essentials of Healthcare
 #3657 Sports Medicine
Capstone Experience: WBL Internship

Therapeutic Services-Surgical Technology (CB) ^{II}
 #3600/3604 Introduction to Healthcare Science
 #3602/3612 Essentials of Healthcare
 #3613 Surgical Technician I
Capstone Experience: WBL Internship



SCHOOL LOCATIONS

C = Chestatee
 CB = Cherokee Bluff
 E = East Hall
 F = Flowery Branch
 J = Johnson
 N = North Hall
 W = West Hall
 L = Lanier College Career Academy

PATHWAY REQUIREMENTS

* To fulfill the state pathway requirements, students must complete the *three* courses shown in the pathway and take the EOPA (end-of-pathway assessment) where available. If successful, students will earn an industry credential.

^{II} Honors pathway available.

CAPSTONE EXPERIENCE FOR ALL PATHWAYS

Work-Based Learning (WBL) internship opportunities are available in ALL career cluster areas. Please see your school's WBL Coordinator for additional information.



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 lay the foundation in many technical and professional careers.

Don't Delay! Prepare for YOUR Future Now!

HOSPITALITY & TOURISM

Culinary Arts Pathway (L)

- #3870 Introduction to Culinary Arts
- #3871 Culinary Arts I
- #3872 Culinary Arts II

Capstone Experience: **WBL Internship**

Hospitality, Recreation & Tourism Pathway (L)

- #4205 Marketing Principles
- #3702 Hospitality, Recreation & Tourism Essentials
- #3706 Hospitality, Recreation & Tourism Management

Capstone Experience: **WBL Internship**

HUMAN SERVICES

Food & Nutrition Pathway (F, N)

- #3875 Food, Nutrition & Wellness
- #3821 Food for Life
- #3877 Food Science

Capstone Experience: **WBL Internship**

Personal Care Services-Cosmetology Pathway (L)

- #3800 Intro to Personal Care Services
- #3814 Cosmetology Serv II
- #3815 Cosmetology Serv III

Capstone Experience: **WBL Internship**

INFORMATION TECHNOLOGY

Computer Science Pathway (C, CB, F, N) ^{II}

- #3916 Introduction to Digital Technology
- #3911 Comp Sci Prin OR #3912 AP Comp Sci Prin
- #3948 AP Computer Science A

Capstone Experience: **WBL Internship**

Cybersecurity Pathway (CB)

- #3916 Introduction to Digital Technology
- #3960 Introduction to Cybersecurity
- #3963 Advanced Cybersecurity

Capstone Experience: **WBL Internship**

INFORMATION TECHNOLOGY

Game Design Pathway (CB, F, J) ^{II}

- #3916 Introduction to Digital Technology
- #3911 Comp Sci Prin OR #3912 AP Comp Sci Prin
- #3919 Game Design: Animation and Simulation

Capstone Experience: **WBL Internship**

Programming Pathway (C, F, J) ^{II}

- #3916 Introduction to Digital Technology
- #3911 Comp Sci Prin OR #3912 AP Comp Sci Prin
- #3902 Program, Games, Apps & Society

Capstone Experience: **WBL Internship**

Web & Digital Design Pathway (F, N)

- #3916 Introduction to Digital Technology
- #3918 Digital Design
- #3931 Web Design

Capstone Experience: **WBL Internship**



LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY

Law Enforcement Services/Forensic Science (CB)

- #4002 Intro to Law/Public Safety/Corrections/Security
- #4003 Criminal Justice Essentials
- #4006 Forensic Science & Criminal Investigations

Capstone Experience: **WBL Internship**

Security & Protective Services Pathway (CB)

- #4002 Intro to Law/Public Safety/Corrections/Security
- #4003 Criminal Justice Essentials
- #4008 Security and Protective Services

Capstone Experience: **WBL Internship**

MANUFACTURING

Machine Operations Pathway (N)

- #3135 Occupational Safety and Fundamentals
- #4125 Introduction to Metals
- #4105 Machining Operations I

Capstone Experience: **WBL Internship**

Sheet Metal Pathway (CB, F)

- #3135 Occupational Safety and Fundamentals
- #4125 Introduction to Metals
- #4127 Sheet Metal I

Capstone Experience: **WBL Internship**

MANUFACTURING

Welding Pathway (CB, F, N)

- #3135 Occupational Safety and Fundamentals
- #4125 Introduction to Metals
- #4100 Welding I

Capstone Experience: **WBL Internship**

MARKETING

Marketing & Management Pathway (C, CB, F, W)

- #4205 Marketing Principles
- #4222 Marketing & Entrepreneurship
- #4224 Marketing & Management

Capstone Experience: **WBL Internship**

Marketing Comm & Promotions Pathway (F, N)

- #4205 Marketing Principles
- #4246 Promotion and Professional Sales
- #4248 Marketing Communications Essentials

Capstone Experience: **WBL Internship**

Sports & Entertainment Mktg Pathway (CB, N, W)

- #4205 Marketing Principles
- #4250 Intro to Sports & Entertainment Marketing
- #4251 Advanced Sports & Entertainment Marketing

Capstone Experience: **WBL Internship**

SCIENCE, TECH, ENGINEERING & MATHEMATICS

Engineering & Technology Pathway (CB, F, N) ^{II}

- #4431 Foundations of Engineering/Technology
- #4446 Engineering Concepts
- #4451 Engineering Applications

Capstone Experience: **WBL Internship**

Engineering Drafting & Design Pathway (CB, F)

- #4400 Intro to Drafting & Design
- #4405 Survey of Engineering Graphics
- #4410 3D Modeling and Analysis

Capstone Experience: **WBL Internship**

TRANSPORTATION, DISTRIBUTION & LOGISTICS

Automobile Maintenance & Light Repair (E)

- #4501 Basic Maintenance & Light Repair
- #4502 Maintenance & Light Repair II
- #4503 Maintenance & Light Repair III

Capstone Experience: **WBL Internship**

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

OPPORTUNITIES
FOR CAREER SUCCESS



SCHOOL LOCATIONS

- C = Chestatee
- CB = Cherokee Bluff
- E = East Hall
- F = Flowery Branch
- J = Johnson
- N = North Hall
- W = West Hall
- L = Lanier College Career Academy

PATHWAY REQUIREMENTS

* To fulfill the state pathway requirements, students must complete the three courses shown in the pathway and take the EOPA (end-of-pathway assessment) where available. If successful, students will earn an industry credential.

^{II} Honors pathway available.

CAPSTONE EXPERIENCE FOR ALL PATHWAYS

Work-Based Learning (WBL)^{II} internship opportunities are available in ALL career cluster areas. Please see your school's WBL Coordinator for additional information.



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.

∞ Course number for students entering 9th Grade before 2018.

^ Course number for students entering 9th Grade in 2018 and after.

ENGLISH/LANGUAGE ARTS

Ninth Grade Literature/Composition

1 Unit

Ninth Grade Literature/Composition (Honors)

CIP #: 23.06100 Hall County #: 1110*
CIP #: 23.06100 Hall County #: 1115* (Honors)[∞]
CIP #: 23.06100 Hall County #: 1110.x.H* (Honors)[^]

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 Hall County #: 1120
CIP #: 23.06300 Hall County #: 1125 (Honors)[∞]
CIP #: 23.06300 Hall County #: 1120.x.H (Honors)[^]

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 Hall County #: 1130*
CIP #: 23.05100 Hall County #: 1135* (Honors)[∞]
CIP #: 23.05100 Hall County #: 1130.x.H* (Honors)[^]

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 Hall County #: 1144

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 Hall County #: 1140
CIP #: 23.05200 Hall County #: 1143 (Honors)[∞]
CIP #: 23.05200 Hall County #: 1140.x.H (Honors)[^]

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).

Technical College Readiness English

1 Unit

CIP #: 23.05400

Hall County #: 1188

Prerequisite: Score of "Needs Improvement" or "Limited Proficiency on ACCUPLACER Diagnostic Assessment

Credit Type: L1; Core or elective credit

Description: Course aimed at students who may have difficulties passing ACCUPLACER – the technical college admission exam. Potential students must take the ACCUPLACER Diagnostic Assessment in English and score "Needs Improvement" or "Limited Proficiency" on three of five sections. The ACCUPLACER admission exam is a requirement at the beginning and end of the course.

Advanced Placement (AP) Language/Composition

1 Unit

CIP #: 23.05300

Hall County #: 1150[∞]

CIP #: 23.05300

Hall County #: 1150.x.M[^]

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

Hall County #: 1155[∞]

CIP #: 23.06500

Hall County #: 1155.x.M[^]

Prerequisite: Teacher recommendation

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

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

International Baccalaureate (IB) English A Literature, Year 1 (American Literature)

1 Unit

International Baccalaureate (IB) English A Literature, Year 2 (World Literature)

CIP #: 23.06800

Hall County #: 1165 (Year 1)[∞]

CIP #: 23.06800

Hall County #: 1165.x.M (Year 1)[^]

CIP #: 23.06900

Hall County #: 1166 (Year 2)[∞]

CIP #: 23.06900

Hall County #: 1166.x.M (Year 2)[^]

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

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

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

International Baccalaureate (IB) English B, Year 1

1 Unit

International Baccalaureate (IB) English B, Year 2

CIP #: 23.06120

Hall County #: 1167 (Year 1)[∞]

CIP #: 23.06120

Hall County #: 1167.x.M (Year 1)[^]

CIP #: 23.06130

Hall County #: 1168 (Year 2)[∞]

CIP #: 23.06130

Hall County #: 1168.x.M (Year 2)[^]

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

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

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

Journalism I, II, III, IV

1 Unit

CIP #: 23.03200

Hall County #: 1170 (I)

CIP #: 23.03300

Hall County #: 1171 (II)

CIP #: 23.03300

Hall County #: 1171 (II – Honors)[∞]

CIP #: 23.03300

Hall County #: 1171.x.H (II – Honors)[^]

CIP #: 23.03500

Hall County #: 1172 (III)

CIP #: 23.03500

Hall County #: 1175 (III – Honors)[∞]

CIP #: 23.03500

Hall County #: 1172.x.H (III – Honors)[^]

CIP #: 23.03600

Hall County #: 1173 (IV)

CIP #: 23.03600 Hall County #: 1176 (IV)[∞]
CIP #: 23.03600 Hall County #: 1173.x.H (IV – Honors)[^]
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 Hall County #: 1163[∞]
CIP #: 23.03400 Hall County #: 1163.x.H[^]
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 Hall County #: 1152[∞]
CIP #: 23.03700 Hall County #: 1152.x.M[^]
Prerequisite: Approval of school AP Coordinator
Credit Type: L3; Core or elective credit; **beginning in 2019, students who earn credit for this course will also receive credit for Advanced Composition (23.03400).**

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 Hall County #: 1152[∞]
CIP #: 23.03800 Hall County #: 1152.x.M[^]
Prerequisite: Approval of school AP Coordinator
Credit Type: L3; Core or elective credit; **beginning in 2019, students who earn credit for this course will also receive credit for 10th Grade Literature and Composition (23.06200).**

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.

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

CIP #: 23.04600 Hall County #: 1190 (I)
CIP #: 23.04700 Hall County #: 1191 (II)
Prerequisite: None
Credit Type: L1; Elective credit only

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

Reading Enrichment **.5 or 1 Unit**

CIP #: 23.08200 Hall County #: 1100
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.

Writer's Workshop **.5 or 1 Unit**

CIP #: 23.03100 Hall County #: 1160
CIP #: 23.03100 Hall County #: 1161[∞]
CIP #: 23.03100 Hall County #: 1160.x.H (Honors)[^]
Prerequisite: None
Credit Type: L1 or L2; Elective credit only

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

Communication Skills

.5 or 1 Unit

CIP #: 23.08100 Hall County #: 1180
Prerequisite: Approval of Instructional Coordinator
Credit Type: L1; Elective credit only

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

English ESOL I – VI

1 Unit

CIP #: 23.09100 Hall County #: 1104
CIP #: 23.09200 Hall County #: 1105
CIP #: 23.09300 Hall County #: 1106
CIP #: 23.09400 Hall County #: 1107
CIP #: 23.09500 Hall County #: 1108
CIP #: 23.09600 Hall County #: 1109
Prerequisite: Special placement for limited English speaking students determined through language proficiency testing
Credit Type: L1 only; Core or elective credit

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

Oral Communication in the Content Areas (ELL)

1 Unit

CIP #: 55.02400 Hall County #: 1752
Prerequisite: Special placement for limited English speaking students determined through language proficiency testing
Credit Type: L1; Elective credit only

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

Reading and Listening in the Content Areas (ELL)

1 Unit

CIP #: 55.02300 Hall County #: 1753
Prerequisite: Special placement for limited English speaking students determined through language proficiency testing
Credit Type: L1; Elective credit only

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

Writing in the Content Areas (ELL)

1 Unit

CIP #: 55.02500 Hall County #: 1754
Prerequisite: Special placement for limited English speaking students determined through language proficiency testing
Credit Type: L1; Elective credit only

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

Academic Language of Science and Math

1 Unit

CIP #: 55.02700 Hall County #: 1784
Prerequisite: Special placement for limited English speaking students determined through language proficiency testing scoring CPL 2-3.
Credit Type: L1; Elective credit only

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

Basic Reading/Writing I, II, III, IV

.5 or 1 Unit

CIP #: 23.08300 Hall County #: 1001
CIP #: 23.08400 Hall County #: 1002
CIP #: 23.08500 Hall County #: 1003

CIP #: 23.08600 Hall County #: 1004
Prerequisite: Approval of LCA/LCCA Project Search/Project Success Program Director
Credit Type: L1; Elective credit only

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

Language Arts Work-Based Learning (WBL) Placement

.5 or 1 Unit

CIP #: 23.7114	Hall County #: 1010 (Year 1)	CIP #: 23.7214	Hall County #: 1014 (Year 2)
CIP #: 23.7114	Hall County #: 1011 (Year 1)	CIP #: 23.7214	Hall County #: 1014.7.H (Year 2)^
CIP #: 23.7124	Hall County #: 1012 (Year 1)	CIP #: 23.7214	Hall County #: 1014.7.HX (Year 2)∞
		CIP #: 23.7214	Hall County #: 1015 (Year 2)
		CIP #: 23.7214	Hall County #: 1015.7.H (Year 2)^
		CIP #: 23.7214	Hall County #: 1015.7.HX (Year 2)∞

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

Description: Develops 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.

MATHEMATICS

GSE Foundations of Algebra

1 Unit

CIP: 27.04810 Hall County #: 1311
Prerequisite: Low middle school mathematics standardized test scores and/or demonstration of significant difficulties in middle school mathematics courses; qualifying IKAN score and completion of University System of Georgia High School Mathematics Curriculum document.
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.

GSE Coordinate Algebra

1 Unit

GSE Coordinate Algebra (Honors)

CIP: 27.09710 Hall County #: 1325*
CIP: 27.09710 Hall County #: 1328* (Honors)∞
CIP: 27.09710 Hall County #: 1325.x.H* (Honors)^

Prerequisite: None
Credit Type: L1 or L2; **Required for students entering ninth grade in 2012-2013 or later;** May substitute for Mathematics I (Algebra/Geometry/Statistics) for students entering ninth grade in 2008-2009, 2009-2010, 2010-2011 and 2011-2012.

Description: The first in a sequence of four high school courses designed to ensure career and college readiness. The course represents a discrete study of algebra with correlated statistics applications and a bridge to the second course through coordinate geometric topics.

GSE Coordinate Algebra Support

1 Unit

CIP: 27.09810 Hall County #: 1307
Prerequisite: None
Credit Type: L1; Elective credit only

Description: Provides additional support to students enrolled in the Coordinate Algebra course and should be taken concurrently with Coordinate Algebra. This course provides extra time and utilizes a variety of strategies to help students build a stronger foundation for success in their current and future mathematics courses.

GSE Accelerated Coordinate Algebra/Analytic Geometry A

1 Unit

CIP #: 27.09750 Hall County #: 1341* (Honors)∞
CIP #: 27.09750 Hall County #: 1341.x.H* (Honors)^

Prerequisite: Teacher recommendation
Credit Type: L2; Core or elective credit for students entering ninth grade in 2012-2013 or later; may substitute for GSE Coordinate Algebra

Description: The first in a sequence of three accelerated high school courses designed to ensure career and college readiness. The course represents a discrete study of algebra with correlated statistics applications. The course also includes the discrete study of geometry analyzed by means of algebraic operations.

GSE Analytic Geometry **1 Unit**
GSE Analytic Geometry (Honors)
CIP #: 27.09720 Hall County #: 1332* (Honors)[∞]
CIP #: 27.09720 Hall County #: 1331.x.H* (Honors)[^]
Prerequisite: Coordinate Algebra
Credit Type: L1 or L2; **Required for students entering ninth grade in 2012-2013 or later**; May substitute for Mathematics II (Geometry/Algebra II/Statistics) for students entering ninth grade in 2008-2009, 2009-2010, 2010-2011 and 2011-2012.

Description: The second in a sequence of four high school courses designed to ensure career and college readiness. The course embodies a discrete study of geometry analyzed by means of algebraic operations with correlated probability/statistics applications and a bridge to the third course in the series through algebraic topics.

GSE Analytic Geometry Support **1 Unit**
CIP #: 27.09820 Hall County #: 1308
Prerequisite: Coordinate Algebra
Credit Type: L1; Elective credit only

Description: Provides additional support to students enrolled in the Analytic Geometry course and should be taken concurrently with Analytic Geometry. This course provides extra time and utilizes a variety of strategies to help students build a stronger foundation for success in their current and future mathematics courses.

GSE Accelerated Analytic Geometry B/Advanced Algebra **1 Unit**
CIP #: 27.09760 Hall County #: 1342* (Honors)[∞]
CIP #: 27.09760 Hall County #: 1342.x.H* (Honors)[^]
Prerequisite: Teacher recommendation
Credit Type: L2; Core or elective credit for students entering ninth grade in 2012-2013 or later; may substitute for GSE Analytic Geometry

Description: The second in a sequence of three accelerated high school courses designed to ensure that students are prepared to take higher-level mathematics courses such as Advanced Placement Calculus AB and Advanced Placement Statistics during their high school career. The course represents the extension of algebraic and trigonometric topics from previous study.

GSE Advanced Algebra **1 Unit**
GSE Advanced Algebra (Honors)
CIP #: 27.09730 Hall County #: 1326
CIP #: 27.09730 Hall County #: 1327 (Honors)[∞]
CIP #: 27.09730 Hall County #: 1326.x.H (Honors)[^]
Prerequisite: Analytic Geometry
Credit Type: L1 or L2; **Required for students entering ninth grade in 2012-2013 or later**; May substitute for Mathematics III for students entering ninth grade in 2008-2009, 2009-2010, 2010-2011 and 2011-2012.

Description: The culminating course in a sequence of three high school courses designed to ensure career and college readiness. Designed to prepare students for fourth course options relevant to their career pursuits.

GSE Advanced Algebra Support
CIP #: 27.09830 Hall County #: 1309
Prerequisite: Analytic Geometry
Credit Type: L1; Elective credit only

Description: Provides additional support to students enrolled in the Advanced Algebra course and should be taken concurrently with Advanced Algebra. This course provides extra time and utilizes a variety of strategies to help students build a stronger foundation for success in their current and future mathematics courses.

GSE Precalculus **1 Unit**
GSE Precalculus (Honors)
CIP #: 27.09740 Hall County #: 1380
CIP #: 27.09740 Hall County #: 1381 (Honors)[∞]
CIP #: 27.09740 Hall County #: 1380.x.H (Honors)[^]
Prerequisite: Advanced Algebra
Credit Type: L1 or L2; Core or elective credit; May substitute for Mathematics IV for students entering ninth grade in 2008-2009, 2009-2010, 2010-2011 and 2011-2012.

Description: A fourth mathematics course designed to prepare students for calculus and other college level mathematics courses.

Calculus **1 Unit**
Calculus (Honors)
CIP #: 27.07800 Hall County #: 1391
CIP #: 27.07800 Hall County #: 1392 (Honors)[∞]
CIP #: 27.07800 Hall County #: 1391.x.H (Honors)[^]
Prerequisite: Precalculus

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

Hall County #: 1376

Prerequisite: CCGPS Advanced Algebra or Accelerated CCGPS Analytic Geometry B/Advanced Algebra

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

Hall County #: 1374[∞]

CIP #: 27.07400

Hall County #: 1374.x.M[^]

Prerequisite: Teacher recommendation

Credit Type: L3; Core or elective credit

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

Advanced Placement (AP) Calculus AB

1 Unit

CIP #: 27.07200

Hall County #: 1395[∞]

CIP #: 27.07200

Hall County #: 1395.x.M[^]

Prerequisite: Teacher recommendation and Accelerated Math III, Math IV or 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

Hall County #: 1396[∞]

CIP #: 27.07300

Hall County #: 1396.x.M[^]

Prerequisite: Teacher recommendation and Accelerated Math III, Math IV, 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.

International Baccalaureate (IB) Mathematical Studies, Year 2

1 Unit

CIP #: 27.05240

Hall County #: 1362[∞]

CIP #: 27.05240

Hall County #: 1362.x.M[^]

Prerequisite: Approval of the school IB coordinator and Accelerated Math II, Math III or Advanced Algebra

Credit Type: L3; Core or elective credit

Description: This course focuses on using the graphing calculator for numbers and algebra; sets and logic; geometry; trigonometry; functions; financial mathematics; probability; statistics; and differential calculus. Students are required to complete a 20 hour project on one mathematical topic of their choice.

International Baccalaureate (IB) Mathematics, Year 2

1 Unit

CIP #: 27.06130

Hall County #: 1364 (Year 2)[∞]

CIP #: 27.06130

Hall County #: 1364.x.M (Year 2)[^]

Prerequisite: Approval of the school IB coordinator and IB Mathematics SL or AP Calculus AB

Credit Type: L3; Core or elective credit

Description: This courses focus on linear, quadratic, and higher order functions; logarithms; binomial theory; arithmetic and geometric series; matrices; exponents; arcs and sectors; trigonometry; vectors; probability and statistics; and differential and integral calculus. Students develop a mathematics portfolio. This course focuses on advanced algebra; functions and equations; circular function and trigonometry; matrices; vectors; statistics and probability; advanced calculus; series and differential equations; sets, relations and groups; and discrete mathematics.

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

CIP #: 27.05310

Prerequisite: Approval of the school IB coordinator and Accelerated Analytic Geometry/Advanced Algebra or Advanced Algebra

Credit Type: L3; Core or elective credit

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

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

CIP #: 27.05310

Prerequisite: Approval of the school IB coordinator and Accelerated Analytic Geometry/Advanced Algebra or Advanced Algebra

Credit Type: L3; Core or elective credit

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

Technical College Readiness Mathematics **1 Unit**

CIP #: 27.09000

Hall County #: 1388

Prerequisite: Score of "Needs Improvement" or "Limited Proficiency on ACCUPLACER Diagnostic Assessment

Credit Type: L1; Core or elective credit

Description: Course aimed at students who may have difficulties passing ACCUPLACER – the technical college admission exam. Potential students must take the ACCUPLACER Diagnostic Assessment in Mathematics and score "Needs Improvement" or "Limited Proficiency" on three of five sections. The ACCUPLACER admission exam is a requirement at the beginning and end of the course.

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

CIP #: 55.02110

Hall County #: 1785

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 **1 Unit**

CIP #: 27.08900

Hall County #: 1389

Prerequisite: Mathematics III, Accelerated Mathematics II or Advanced Algebra

Credit Type: L1; Core or elective credit; **course satisfies University System of Georgia's fourth mathematics requirements for admission.**

Description: Fourth course option for students who have completed Coordinate Algebra, Analytic Geometry, and Advanced Algebra, but are still struggling with high school mathematics standards essential for success in first year post-secondary mathematics courses required for non-STEM majors. Designed to serve as a bridge for high school students who will enroll in non-STEM post-secondary study.

Mathematics of Finance **1 Unit**

CIP #: 27.08700

Hall County #: 1315

Prerequisite: Approval of Instructional Coordinator and completion of University System of Georgia High School Mathematics Curriculum Document.

Credit Type: L1; Core or elective credit; **course does NOT satisfy University System of Georgia's fourth mathematics requirement for admission.**

Description: Course concentrates on mathematics necessary to understand and make informed decisions related to personal finance. Content based on topics found in prior courses; however, specific applications will extend the student's understanding of when and how to use these topics.

SCIENCE

Physical Science **1 Unit**

Physical Science (Honors)

CIP #: 40.01100

Hall County #: 1406*

CIP #: 40.01100

Hall County #: 1409*∞

CIP #: 40.01100

Hall County #: 1406.x.H* (Honors)^

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	Hall County #: 1400*
CIP #: 26.01200	Hall County #: 1405* [∞]
CIP #: 26.01200	Hall County #: 1400.x.H* (Honors) [^]
CIP #: 26.01400	Hall County #: 1412 (AP) [∞]
CIP #: 26.01400	Hall County #: 1412.x.M (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.

International Baccalaureate (IB) Biology, Year 1

1 Unit

CIP #: 26.01400	Hall County #: 1412 [∞]
CIP #: 26.01800	Hall County #: 1413.x.M [^]

Prerequisite: Approval of the school IB coordinator

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

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

International Baccalaureate (IB) Biology, Year 2

1 Unit

CIP #: 26.01900	Hall County #: 1414 [∞]
CIP #: 26.01900	Hall County #: 1414.x.M [^]

Prerequisite: Approval of the school IB coordinator

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

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

Chemistry I

1 Unit

Chemistry I (Honors)

Advanced Placement (AP) Chemistry

CIP #: 40.05100	Hall County #: 1445
CIP #: 40.05100	Hall County #: 1445 (Honors) [∞]
CIP #: 40.05100	Hall County #: 1445.x.H (Honors) [^]
CIP #: 40.05300	Hall County #: 1453 (AP) [∞]
CIP #: 40.05300	Hall County #: 1453.x.M (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.

Earth Systems

Earth Systems (Honors)

1 Unit

CIP #: 40.06400	Hall County #: 1461
CIP #: 40.06400	Hall County #: 1468 (Honors) [∞]
CIP #: 40.06400	Hall County #: 1461.x.H (Honors) [^]

Prerequisite: None

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

Description: Develops explanations of phenomena fundamental to the sciences of geology and physical geography, including the early history of the earth, plate tectonics, landform evolution, the Earth's geologic record, weather and climate, and the history of life on earth.

Environmental Science

1 Unit

Environmental Science (Honors)

Advanced Placement (AP) Environmental Science

CIP #: 26.06110 Hall County #: 1426
CIP #: 26.06110 Hall County #: 1429[∞]
CIP #: 26.06110 Hall County #: 1426.x.H (Honors)[^]
CIP #: 26.06200 Hall County #: 1430 (AP)[∞]
CIP #: 26.06200 Hall County #: 1430.x.M (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 Hall County #: 1472

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 Hall County #: 1470
CIP #: 40.09300 Hall County #: 1471 (Honors)[∞]
CIP #: 40.09300 Hall County #: 1470.x.H (Honors)[^]

Prerequisite: None

Credit Type: L1; **Elective credit only for students enrolling in ninth grade for the first time prior to 2008; Core or elective for students first entering ninth grade in 2008 or later;** physical science course

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

Human Anatomy and Physiology

1 Unit

Human Anatomy and Physiology (Honors)

CIP #: 26.07300 Hall County #: 1420
CIP #: 26.07300 Hall County #: 1421 (Honors)[∞]
CIP #: 26.07300 Hall County #: 1420.x.H (Honors)[^]

Prerequisite: Teacher recommendation for Honors

Credit Type: L1 or L2; Core or elective credit; life science course

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

Microbiology

CIP #: 26.05100

Prerequisite: Biology recommended; teacher recommendation for honors

Credit Type: L1 or L2; Core or elective credit; life science course

Description: This course focuses on archeobacteria, 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.

International Baccalaureate (IB) Chemistry, Year 1

1 Unit

CIP #: 40.05500 Hall County #: 1451[∞]
CIP #: 40.05500 Hall County #: 1451.x.M[^]

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

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

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

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

CIP #: 40.05600

Hall County #: 1447[∞]

CIP #: 40.05600

Hall County #: 1447.x.M[^]

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

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

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

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

CIP #: 40.09500

Hall County #: 1475[∞]

CIP #: 40.09500

Hall County #: 1475.x.M[^]

CIP #: 40.09500

Hall County #: 1476[∞]

CIP #: 40.09500

Hall County #: 1476.x.M[^]

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

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

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

Oceanography**1 Unit**

CIP #: 40.07100

Hall County #: 1473

Prerequisite: None

Credit Type: L1; Core or elective credit; physical science course

Description: Students will recognize that the ocean is a dynamic system reflecting interactions among organisms, ecosystems, chemical cycles, and physical and geological processes, on land, in air, and in the oceans. Students will investigate oceanography concepts through experience in laboratories and fieldwork using the processes of inquiry.

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

CIP #: 40.08100

Hall County #: 1454

CIP #: 40.08100

Hall County #: 1455 (Honors)[∞]

CIP #: 40.08100

Hall County #: 1454.x.H (Honors)[^]

CIP #: 40.08310

Hall County #: 1456 (AP)[∞]

CIP #: 40.08310

Hall County #: 1456.x.M (AP)[^]

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

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

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

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

CIP #: 40.08410

Hall County #: 1457[∞]

CIP #: 40.08410

Hall County #: 1457.x.M[^]

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.

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

CIP #: 40.08500

Hall County #: 1458[∞]

CIP #: 40.08500

Hall County #: 1458.x.M[^]

CIP #: 40.08600

Hall County #: 1459[∞]

CIP #: 40.08600

Hall County #: 1459.x.M[^]

Prerequisite: Approval of the school IB coordinator; Year 2 requires IB Physics SL
Credit Type: L3; Core or elective credit; physical science course

Description: Year 1 introduces laws of physics, experimental skills required in physics, and social and historical aspects of physics as an evolving body of human knowledge about nature. Includes measurement, mechanics, thermal physics and properties of matter, waves, electricity and magnetism, and atomic and nuclear physics. Year 2 focuses on electricity and magnetism, atomic physics, optics, and relativity. Students complete two of five options on similar topics. To meet this aim, twenty-five percent of a student's classroom time must be devoted to performing practical (lab) work that covers a range of topics and skills, including a multi-disciplinary group science project.

International Baccalaureate (IB) Environmental Systems, Year 1

1 Unit

CIP #: 26.06300 Hall County #: 1431[∞]
CIP #: 26.06300 Hall County #: 1431.x.M[^]

Prerequisite: Approval of the school IB coordinator
Credit Type: L3; Core or elective credit; life science course

Description: Students are provided with a coherent perspective of the interrelationships between environmental systems and societies, one that enables them to adopt an informed personal response to the wide range of pressing environmental issues that they will inevitably come to face. During the course of study, students evaluate the scientific, ethical and socio-political aspects of issues and engage in hands-on work in the laboratory and/or out in the field.

Communication Skills in Science (ELL)

1 Unit

CIP #: 55.02120 Hall County #: 1786

Prerequisite: Special placement for limited English speaking students determined through language proficiency testing
Credit Type: L1; Elective credit only

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

Reading and Writing in Science (ELL)

1 Unit

CIP #: 55.02600 Hall County #: 1788

Prerequisite: Special placement for limited English speaking students determined through language proficiency testing
Credit Type: L1; Elective credit only

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

Scientific Research I (Honors)

.5 or 1 Unit

CIP #: 40.09210 Hall County #: 1416[∞]
CIP #: 40.09210 Hall County #: 1416.x.H[^]

Prerequisite: Approval of Instructional Coordinator
Credit Type: L2; Core or elective credit; physical science course

Description: Honors Scientific Research is a project-based, research-intensive course where students analyze and experiment using the Scientific Method to produce authentic products in each student's area of interest. With support from mentors, researchers, and/or scientists, students will accelerate according to individual strengths and goals to develop research topics, follow specific methodologies, and share their results in engaging presentations. Projects will be interdisciplinary in nature, will require applications of new forms of technology mastered by the student, and will challenge students with high levels of critical thinking. All presentations must show cross-curricular and real world relevance through proper use of technology, application, and value of the product or knowledge gained from the project.

Life Sciences Work-Based Learning (WBL) Placement

.5 or 1 Unit

CIP #: 26.7114 Hall County #: 1490 (Year 1)
CIP #: 26.7124 Hall County #: 1491 (Year 1)

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

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

Physical Sciences Work-Based Learning (WBL) Placement

.5 or 1 Unit

CIP #: 40.7114 Hall County #: 1480 (Year 1)
CIP #: 40.7124 Hall County #: 1482 (Year 1)

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

Description: Develops 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.

SOCIAL SCIENCES

Advanced Placement (AP) Human Geography

1 Unit

CIP #: 45.07700 Hall County #: 1275[∞]
CIP #: 45.07700 Hall County #: 1275.x.M[^]
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

CIP #: 45.08300 Hall County #: 1200
CIP #: 45.08300 Hall County #: 1203 (Honors)[∞]
CIP #: 45.08300 Hall County #: 1200.x.H (Honors)[^]
CIP #: 45.08110 Hall County #: 1204 (AP)[∞]
CIP #: 45.08110 Hall County #: 1204.x.M (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 Hall County #: 1208*
CIP #: 45.08100 Hall County #: 1215* (Honors)[∞]
CIP #: 45.08100 Hall County #: 1208.x.H* (Honors)[^]
CIP #: 45.08200 Hall County #: 1220*[∞]
CIP #: 45.08200 Hall County #: 1220.x.M*[^]

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

.5 Unit

American Government (Honors)

Advanced Placement (AP) Government/Politics: United States

CIP #: 45.05700 Hall County #: 1231
CIP #: 45.05700 Hall County #: 1235 (Honors)[∞]
CIP #: 45.05700 Hall County #: 1231.x.H (Honors)[^]
CIP #: 45.05200 Hall County #: 1235 (AP)[∞]
CIP #: 45.05200 Hall County #: 1235.x.M (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.

Economics		.5 Unit
Economics (Honors)		
Advanced Placement (AP) Macroeconomics		1 Unit
Advanced Placement (AP) Microeconomics		
CIP #: 45.06100	Hall County #: 1240*	
CIP #: 45.06100	Hall County #: 1245* (Honors) [∞]	
CIP #: 45.06100	Hall County #: 1240.x.H* (Honors) [^]	
CIP #: 45.06200	Hall County #: 1246 (AP Macro) [∞]	
CIP #: 45.06200	Hall County #: 1246.x.M (AP Macro) [^]	
CIP #: 45.06300	Hall County #: 1247 (AP Micro) [∞]	
CIP #: 45.06300	Hall County #: 1247.x.M (AP Micro)	

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: Focuses on the American economic system, fundamental economic concepts, comparative economic systems, microeconomics, macroeconomics and international economic interdependence. AP Macroeconomics focuses on basic economic concepts, measurement of economic performance, national income and price determination and international economics and growth; AP Microeconomics focuses on basic economic concepts, the nature and functions of product markets, factor markets and efficiency. Enrollment in AP includes the commitment to take the AP exam.

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

CIP #: 45.08400	Hall County #: 1270 [∞]
CIP #: 45.08400	Hall County #: 1270.x.M [^]

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.

International Baccalaureate (IB) History of the Americas, Year 1 **1 Unit**
International Baccalaureate (IB) History of the Americas, Year 2

CIP #: 45.08700	Hall County #: 1221 [∞]
CIP #: 45.08700	Hall County #: 1221.x.M [^]
CIP #: 45.08930	Hall County #: 1223 [∞]
CIP #: 45.08930	Hall County #: 1223.x.M [^]

Prerequisite: Approval of the school IB coordinator

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

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

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

CIP #: 45.01700	Hall County #: 1257 [∞]
CIP #: 45.01700	Hall County #: 1257.x.M (Year 1) [^]
CIP #: 45.01710	Hall County #: 1258 [∞]
CIP #: 45.01710	Hall County #: 1258.x.M (Year 2) [^]

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

Credit Type: L3; Elective credit

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

Current Issues **.5 or 1 Unit**

CIP #: 45.01200	Hall County #: 1250
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Prerequisite: None

Credit Type: L1; Elective credit

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

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

CIP #: 45.01500	Hall County #: 1253
CIP #: 45.01600	Hall County #: 1255 (AP) [∞]

CIP #: 45.01600 Hall County #: 1255.x.M (AP)^
Prerequisite: None; teacher recommendation for AP
Credit Type: L1 or L3; Elective credit

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

Sociology .5 or 1 Unit
CIP #: 45.03100 Hall County #: 1256
Prerequisite: None
Credit Type: L1; Elective credit

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

Individual and the Law .5 or 1 Unit
CIP #: 45.05600 Hall County #: 1259
Prerequisite: None
Credit Type: L1; Elective credit

Description: Analyzes the foundations and functions of the American legal system; examines types of laws, the individual's relationship to the law and major court decisions; integrates and reinforces social studies skills.

Peer Leadership I .5 or 1 Unit
CIP #: 45.05900 Hall County #: 1265
Prerequisite: Teacher recommendation
Credit Type: L1; Elective credit

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

Comparative Religions .5 or 1 Unit
CIP #: 45.01100 Hall County #: 1262
Prerequisite: None
Credit Type: L1; Elective credit only

Description: Compares major religions of the world; covers ethical-philosophical teachings, historical development, social and cultural impact on various societies and commonalities found in all religions. Integrates and reinforces social studies skills.

US History in Film 1 Unit
CIP #: 45.08120 Hall County #: 1218
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 #: 45.09200 Hall County #: 1251
Prerequisite: None
Credit Type: L1; Elective credit

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

World Area Studies
World Area Studies (Honors) 1 Unit
CIP #: 45.09200 Hall County #: 1294
CIP #: 45.09200 Hall County #: 1296 (Honors)[∞]
CIP #: 45.09200 Hall County #: 1294.x.H (Honors)^
Prerequisite: Enrollment in Johnson High School's JISA Program
Credit Type: L1 or L2; Elective credit

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

World Geography

.5 or 1 Unit

CIP #: 45.07110 Hall County #: 1206
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.

Local Area Studies/Geography

.5 or 1 Unit

CIP #: 45.07600 Hall County#: 1264
Prerequisite: Approval of LCA/LCCA Project Search/Project Success Program Director
Credit Type: L1; Elective credit only

Description: Examines the geographic, historic, cultural and economic development of the local community; emphasizes the role of its people and institutions and the impact of the natural features. Integrates and reinforces social studies skills.

Local Area Studies/History

.5 or 1 Unit

CIP #: 45.08600 Hall County#: 1266
Prerequisite: Approval of LCA/LCCA Project Search/Project Success Program Director
Credit Type: L1; Elective credit only

Description: Investigates the development of the local community, emphasizing its people, institutions and heritage. Covers the development of the changing community over time; integrates and reinforces social studies skills.

Communication Skills in Social Studies (ELL)

1 Unit

CIP #: 55.02130 Hall County #: 1787
Prerequisite: Special placement for limited English speaking students determined through language proficiency testing
Credit Type: L1; Elective credit only

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

Social Sciences Work-Based Learning (WBL) Placement

.5 or 1 Unit

CIP #: 45.7114	Hall County #: 1281 (Year 1)	CIP #: 45.7214	Hall County #: 1285 (Year 2)
CIP #: 45.7114	Hall County #: 1282 (Year 1)	CIP #: 45.7214	Hall County #: 1286 (Year 2)
CIP #: 45.7124	Hall County #: 1283 (Year 1)	CIP #: 45.7224	Hall County #: 1287 (Year 2)
CIP #: 45.7124	Hall County #: 1284 (Year 1)	CIP #: 45.7224	Hall County #: 1288 (Year 2)

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

Description: Develops 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.

MODERN LANGUAGES

French I, II

1 Unit

French III – V (Honors)

CIP #: 60.01100	Hall County #: 1600 (I)
CIP #: 60.01200	Hall County #: 1601 (II)
CIP #: 60.01300	Hall County #: 1602 [∞]
CIP #: 60.01300	Hall County #: 1602.x.H (III – Honors)^
CIP #: 60.01400	Hall County #: 1603 [∞]
CIP #: 60.01400	Hall County #: 1603.x.H (IV – Honors)^
CIP #: 60.01500	Hall County #: 1604 [∞]
CIP #: 60.01500	Hall County #: 1604.x.H (V – Honors)^

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	Hall County #: 1610 (I)
CIP #: 60.07100	Hall County #: 1611 (I – Honors) [∞]
CIP #: 60.07100	Hall County #: 1610.x.H (I – Honors) [^]
CIP #: 60.07200	Hall County #: 1612 (II)
CIP #: 60.07200	Hall County #: 1613 (II – Honors) [∞]
CIP #: 60.07200	Hall County #: 1612.x.H (II – Honors) [^]
CIP #: 60.07300	Hall County #: 1614 (III – Honors) [∞]
CIP #: 60.07300	Hall County #: 1614.x.H (III – Honors) [^]
CIP #: 60.07400	Hall County #: 1615 (IV – Honors) [∞]
CIP #: 60.07400	Hall County #: 1615.x.H (IV – Honors) [^]
CIP #: 60.07500	Hall County #: 1616 (V – Honors) [∞]
CIP #: 60.07500	Hall County #: 1616.x.H (V – Honors)
CIP #: 60.07600	Hall County #: 1633 (VI – Honors) [∞]
CIP #: 60.07600	Hall County #: 1633 (VI – Honors) [^]

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	Hall County #: 1617 [∞]
CIP #: 60.07700	Hall County #: 1617.x.M [^]

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	Hall County #: 1618 [∞]
CIP #: 60.08110	Hall County #: 1618.x.M [^]

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	Hall County #: 1620 (I)
CIP #: 60.07900	Hall County #: 1620.x.HX (I – Honors) [∞]
CIP #: 60.07900	Hall County #: 1620.x.H [^] (I – Honors) [^]
CIP #: 60.07910	Hall County #: 1622 (II)
CIP #: 60.07910	Hall County #: 1629 (II – Honors) [∞]
CIP #: 60.07910	Hall County #: 1622.x.H (II – Honors) [^]
CIP #: 60.07920	Hall County #: 1638.x.HX (III – Honors) [∞]
CIP #: 60.07920	Hall County #: 1638.x.H (III – Honors) [^]

Prerequisite: Courses must be taken in sequence

Credit Type: L1 or L2; Core or elective credit

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

International Baccalaureate (IB) Spanish A, Year 1

1 Unit

International Baccalaureate (IB) Spanish A, Year 2

CIP #: 60.07810	Hall County #: 1623 (Year 1) [∞]
CIP #: 60.07810	Hall County #: 1623.x.M (Year 1) [^]
CIP #: 60.07820	Hall County #: 1624 (Year 2) [∞]
CIP #: 60.07820	Hall County #: 1624.x.M (Year 2) [^]

Prerequisite: Approval of the school IB coordinator, Spanish for Native Speakers I & II OR Spanish I-IV; must be taken in sequence
Credit Type: L3; Core or elective credit

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

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

CIP #: 60.07130 Hall County #: 1625 (Year 1)[∞]
CIP #: 60.07130 Hall County #: 1625.x.M (Year 1)[^]
CIP #: 60.07160 Hall County #: 1626 (Year 2)[∞]
CIP #: 60.07160 Hall County #: 1626.x.M (Year 2)[^]

Prerequisite: Approval of the school IB coordinator & Spanish II; courses must be taken in sequence; not a first or second year course
Credit Type: L3; Core or elective credit

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

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

CIP #: 60.07170 Hall County #: 1627 (I)[∞]
CIP #: 60.07170 Hall County #: 1627.x.M (I)[^]
CIP #: 60.07180 Hall County #: 1628 (II)[∞]
CIP #: 60.07180 Hall County #: 1628.x.M (II)[^]

Prerequisite: Approval of the school IB coordinator; courses must be taken in sequence
Credit Type: L3; Core or elective credit

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

German I, II **1 Unit**
German I – IV (Honors)

CIP #: 61.01100 Hall County #: 1640 (I)
CIP #: 61.01100 Hall County #: 1640.x.H (I – Honors)
CIP #: 61.01200 Hall County #: 1641 (II)
CIP #: 61.01200 Hall County #: 1641.x.H (II – Honors)
CIP #: 61.01300 Hall County #: 1642 (III – Honors)[∞]
CIP #: 61.01300 Hall County #: 1642.x.H (III – Honors)[^]
CIP #: 61.01400 Hall County #: 1643 (IV – Honors)[∞]
CIP #: 61.01400 Hall County #: 1643.x.H (IV – Honors)[^]

Prerequisite: Courses must be taken in sequence
Credit Type: L1 or L2; Core or elective credit

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

Chinese I, II **1 Unit**
Chinese III – V (Honors)

CIP #: 62.01100 Hall County #: 1660 (I)
CIP #: 62.01100 Hall County #: 1677 (I – Honors)[∞]
CIP #: 62.01100 Hall County #: 1660.x.H (I – Honors)[^]
CIP #: 62.01200 Hall County #: 1661 (II)
CIP #: 62.01200 Hall County #: 1664 (II – Honors)[∞]
CIP #: 62.01200 Hall County #: 1661.x.H (II – Honors)[^]
CIP #: 62.01300 Hall County #: 1662 (III – Honors)[∞]
CIP #: 62.01300 Hall County #: 1662.x.H (III – Honors)[^]
CIP #: 62.01400 Hall County #: 1663 (IV – Honors)[∞]
CIP #: 62.01400 Hall County #: 1663.x.H (IV – Honors)[^]
CIP #: 62.01500 Hall County #: 1666 (V – Honors)[∞]
CIP #: 62.01500 Hall County #: 1666.x.H (V – Honors)[^]

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.

International Baccalaureate (IB) Chinese, Year 1

1 Unit

International Baccalaureate (IB) Chinese, Year 2

CIP #: 62.01900 Hall County #: 1668 (Year 1)[∞]
CIP #: 62.01900 Hall County #: 1668.x.M (Year 1)[^]
CIP #: 62.01910 Hall County #: 1669 (Year 2)[∞]
CIP #: 62.01910 Hall County #: 1669.x.M (Year 2)[^]

Prerequisite: Approval of the school IB coordinator & Chinese II

Credit Type: L3; Core or elective credit, not a first or second year course

Description: IB Chinese is an advanced course designed to expand the students' ability to communicate in Chinese and discuss issues related to literature, history, social issues, politics, and current events. Students exposed to these areas through a variety of texts, magazines, newspapers and current videos. Students expected to work independently and to be self-motivated and self-disciplined. Classes conducted in Chinese; students will have opportunities to practice skills in listening, speaking, reading and writing.

International Baccalaureate (IB) Mandarin Chinese ab initio, Year 1

1 Unit

International Baccalaureate (IB) Mandarin Chinese ab initio, Year 2

CIP #: 62.01920 Hall County #: 1680 (Year 1)[∞]
CIP #: 62.01920 Hall County #: 1680.x.M (Year 1)[^]
CIP #: 62.01930 Hall County #: 1681 (Year 2)[∞]
CIP #: 62.01930 Hall County #: 1681.x.M (Year 2)[^]

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

Credit Type: L3; Core or elective credit

Description: Two-year course designed to introduce students to learning and using Mandarin Chinese. This course is designed for students interested in China, Chinese culture and Mandarin. Previous experience of the language is not a requirement. The courses focus on the seven daily life topics including the individual, education and work, town and services, food and drink, leisure and travel, the environment, and health and emergencies.

Portuguese I, II, III, IV

1 Unit

CIP #: 60.05100 Hall County #: 1634 (I)
CIP #: 60.05200 Hall County #: 1635 (II)
CIP #: 60.05300 Hall County #: 1636 (III – Honors)[∞]
CIP #: 60.05300 Hall County #: 1636.x.H (III – Honors)[^]
CIP#: 60.05400 Hall County #: 1637 (IV – Honors)[∞]
CIP#: 60.05400 Hall County #: 1637.x.H (IV – Honors)[^]

Prerequisite: Courses must be taken in sequence

Credit Type: L1; Core or elective credit

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

Native Language (Not English)

1 Unit

CIP #: 65.01000 Hall County #: 1670

Prerequisite: Approval of the school IB coordinator

Credit Type: L1; Core or elective credit; does not fulfill Foreign Language requirement for College Prep students

Description: Allows students to work on individualized learning objectives that are developed jointly by the student, modern language teacher, and IB coordinator. The student develops a contract that includes specific learning goals and objectives, a plan for achieving the objectives, and the criteria by which the student's performance will be evaluated.

Native Language Reading & Literacy I & II

1 Unit

CIP #: 65.02000 Hall County #: 1671 (I)
CIP #: 65.02100 Hall County #: 1672 (II)

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

Credit Type: L1; Core or elective credit; does not fulfill Foreign Language requirement for College Prep students

Description: Allows students to work on individualized learning objectives that are developed jointly by the student, modern language teacher, and IB coordinator. The student develops a contract that includes specific learning goals and objectives, a plan for achieving the objectives, and the criteria by which the student's performance will be evaluated.

IB Language A1

1 Unit

CIP #: 65.03000 Hall County #: 1686[∞]
CIP #: 65.03000 Hall County #: 1686.x.M[^]

Prerequisite: Approval of the school IB coordinator

Credit Type: L3

Description: IB Language A1 is a literature course studied in the native language of the student. It introduces students to a range of literary works of different periods, genres, styles, contexts, and cultures and develops an articulate personal and critical response to literature that is expressed clearly in oral and written forms of the native language.

Spoken Languages Work-Based Learning (WBL) Placement

.5 or 1 Unit

- CIP #: 63.7114 Hall County #: 1650 (Year 1)
- CIP #: 63.7114 Hall County #: 1650.7.H (Year 1) Honors^
- CIP #: 63.7114 Hall County #: 1650.7.HX (Year 1) Honors^∞
- CIP #: 63.7114 Hall County #: 1651 (Year 1)
- CIP #: 63.7114 Hall County #: 1651.7.H (Year 1) Honors^
- CIP #: 63.7114 Hall County #: 1651.7.HX (Year 1) Honors^∞
- CIP #: 63.7124 Hall County #: 1652 (Year 1)

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; junior or senior; 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: Develops 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.

FINE ARTS

THEATRE ARTS

Theatre Arts/Fundamentals I – IV

.5 or 1 Unit

- CIP #: 52.021 Hall County #: 2100 (I)
- CIP #: 52.022 Hall County #: 2101 (II)
- CIP #: 52.023 Hall County #: 2102 (III)
- CIP #: 52.024 Hall County #: 2103 (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 form informal and formal theatre, film and electronic media.

Theatre Arts/Advanced Drama I, II, III, IV

1 Unit

- CIP #: 52.05100 Hall County #: 2104 (I)
- CIP #: 52.05100 Hall County #: 2104.x.HX (I – Honors)^∞
- CIP #: 52.05100 Hall County #: 2104.x.H (I – Honors)^
- CIP #: 52.05200 Hall County #: 2105 (II)
- CIP #: 52.05200 Hall County #: 2105.x.HX (II – Honors)^∞
- CIP #: 52.05200 Hall County #: 2105.x.H (II – Honors)^
- CIP #: 52.05230 Hall County #: 2114 (III)
- CIP #: 52.05230 Hall County #: 2114.x.HX (III – Honors)^∞
- CIP #: 52.05230 Hall County #: 2114.x.H (III – Honors)^
- CIP #: 52.05240 Hall County #: 2115 (IV)
- CIP #: 52.05240 Hall County #: 2115.x.HX (IV – Honors)^∞
- CIP #: 52.05240 Hall County #: 2115.x.H (IV – Honors)^

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

- CIP #: 52.03100 Hall County #: 2110 (I)
- CIP #: 52.03100 Hall County #: 2110.x.HX (I – Honors)^∞
- CIP #: 52.03100 Hall County #: 2110.x.H (I – Honors)^
- CIP #: 52.03200 Hall County #: 2111 (II)
- CIP #: 52.03200 Hall County #: 2111.x.HX (II – Honors)^∞
- CIP #: 52.03200 Hall County #: 2111.x.H (II – Honors)^

CIP #: 52.03300 Hall County #: 2112 (III)
 CIP #: 52.03300 Hall County #: 2112.x.HX (III – Honors)[∞]
 CIP #: 52.03300 Hall County #: 2112.x.H (III – Honors)[^]
 CIP #: 52.03400 Hall County #: 2113 (IV)
 CIP #: 52.03400 Hall County #: 2113.x.HX (IV – Honors)[∞]
 CIP #: 52.03400 Hall County #: 2113.x.H (IV – Honors)[^]
 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

CIP #: 52.04100 Hall County #: 2120 (I)
 CIP #: 52.04100 Hall County #: 2120.x.HX (I – Honors)[∞]
 CIP #: 52.04100 Hall County #: 2120.x.H (I – Honors)[^]
 CIP #: 52.04200 Hall County #: 2121 (II)
 CIP #: 52.04200 Hall County #: 2121.x.HX (II – Honors)[∞]
 CIP #: 52.04200 Hall County #: 2121.x.H (II – Honors)[^]
 CIP #: 52.04300 Hall County #: 2130 (III)
 CIP #: 52.04300 Hall County #: 2130.x.HX (III – Honors)[∞]
 CIP #: 52.04300 Hall County #: 2130.x.H (III – Honors)[^]
 CIP #: 52.04400 Hall County #: 2131 (IV)
 CIP #: 52.04400 Hall County #: 2131.x.HX (IV – Honors)[∞]
 CIP #: 52.04400 Hall County #: 2131.x.H (IV – Honors)[^]

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.

International Baccalaureate (IB) Theatre, Year 1

1 Unit

International Baccalaureate (IB) Theatre, Year 2

CIP #: 52.05300 Hall County #: 2123 (Year 1)
 CIP #: 52.05400 Hall County #: 2124 (Year 2)

Prerequisite: Approval of the school IB coordinator; Year 1 course is a prerequisite for the Year 2 course
 Credit Type: L3; Core or elective credit

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

Theatre Marketing

1 Unit

CIP #: 52.09100 Hall County #: 2150 (I)

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: Course focuses on analysis of a variety of media, directing rehearsals, researching cultural and historical information, integrating art forms to create theatre, examining roles as a reflection of past and present civilizations, exploring and critiquing theatre business, and engaging as an audience member.

Theatre Arts Work-Based Learning (WBL) Placement

.5 or 1 Unit

CIP #: 52.7114	Hall County #: 2140 (Year 1)	CIP #: 52.7214	Hall County #: 2144 (Year 2)
CIP #: 52.7114	Hall County #: 2141 (Year 1)	CIP #: 52.7214	Hall County #: 2145 (Year 2)
CIP #: 52.7124	Hall County #: 2142 (Year 1)	CIP #: 52.7224	Hall County #: 2146 (Year 2)
CIP #: 52.7124	Hall County #: 2143 (Year 1)	CIP #: 52.7224	Hall County #: 2147 (Year 2)

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

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

MUSIC

Music Appreciation I, II

.5 or 1 Unit

CIP #: 53.014 Hall County #: 2200 (I)
CIP #: 53.015 Hall County #: 2201 (II)
Prerequisite: None
Credit Type: L1; Core or elective credit

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

Music Theory & Composition

1 Unit

Advanced Placement (AP) Music Theory

CIP #: 53.02100 Hall County #: 2205 (Beginning)
CIP #: 53.02200 Hall County #: 2206 (Intermediate)
CIP #: 53.02270 Hall County #: 2207 (Advanced)
CIP #: 53.02300 Hall County #: 2290 (AP)[∞]
CIP #: 53.02300 Hall County #: 2290.x.M (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 Hall County #: 2235 (I)
CIP #: 53.03620 Hall County #: 2236 (II)
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 Hall County #: 2210 (I)
CIP #: 53.03720 Hall County #: 2211 (II)
CIP #: 53.03730 Hall County #: 2212 (III)
CIP #: 53.03740 Hall County #: 2213 (IV)
Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence
Credit Type: L1; Core or elective credit

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

Intermediate Instrumental Ensemble I – IV

1 Unit

CIP #: 53.07510 Hall County #: 2411 (I)
CIP #: 53.07520 Hall County #: 2412 (II)
CIP #: 53.07530 Hall County #: 2413 (III)
CIP #: 53.07540 Hall County #: 2414 (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 Hall County #: 2224 (I)
CIP #: 53.06520 Hall County #: 2225 (II)
CIP #: 53.06530 Hall County #: 2226 (III)
CIP #: 53.06540 Hall County #: 2227 (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

CIP #: 53.03810	Hall County #: 2214 (I)
CIP #: 53.03820	Hall County #: 2215 (II)
CIP #: 53.03830	Hall County #: 2216 (III)
CIP #: 53.03830	Hall County #: 2218 (III – Honors) [∞]
CIP #: 53.03830	Hall County #: 2216.x.H (III – Honors) [^]
CIP #: 53.03840	Hall County #: 2217 (IV)
CIP #: 53.03840	Hall County #: 2219 (IV – Honors) [∞]
CIP #: 53.03840	Hall County #: 2217 (IV – Honors) [^]

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

CIP #: 53.07610	Hall County #: 2421 (I)
CIP #: 53.07620	Hall County #: 2422 (II)
CIP #: 53.07630	Hall County #: 2423 (III)
CIP #: 53.07630	Hall County #: 2428 (III – Honors) [∞]
CIP #: 53.07630	Hall County #: 2423 (III – Honors) [^]
CIP #: 53.07640	Hall County #: 2424 (IV)
CIP #: 53.07640	Hall County #: 2429 (IV – Honors) [∞]
CIP #: 53.07640	Hall County #: 2424 (IV – Honors) [^]

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

Credit Type: L1 or L2; Core or elective credit

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

Advanced Jazz I – IV

1 Unit

CIP #: 53.06610	Hall County #: 2441 (I)
CIP #: 53.06620	Hall County #: 2442 (II)
CIP #: 53.06630	Hall County #: 2443 (III)
CIP #: 53.06630	Hall County #: 2448 (III – Honors) [∞]
CIP #: 53.06630	Hall County #: 2443.x.H (III – Honors) [^]
CIP #: 53.06640	Hall County #: 2444 (IV)
CIP #: 53.06640	Hall County #: 2449 (IV – Honors) [∞]
CIP #: 53.06640	Hall County #: 2444.x.H (IV – Honors) [^]

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

Credit Type: L1 or L2; Core or elective credit

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

Mastery Band I – IV

1 Unit

CIP #: 53.03910	Hall County #: 2431 (I)
CIP #: 53.03910	Hall County #: 2435 (I – Honors) [∞]
CIP #: 53.03910	Hall County #: 2431 (I – Honors) [^]
CIP #: 53.03920	Hall County #: 2432 (II)
CIP #: 53.03920	Hall County #: 2436 (II – Honors) [∞]
CIP #: 53.03920	Hall County #: 2432 (II – Honors) [^]
CIP #: 53.03930	Hall County #: 2433 (III)
CIP #: 53.03930	Hall County #: 2437 (III – Honors) [∞]
CIP #: 53.03930	Hall County #: 2433.x.H (III – Honors) [^]
CIP #: 53.03940	Hall County #: 2434 (IV)
CIP #: 53.03940	Hall County #: 2438 (IV – Honors) [∞]
CIP #: 53.03940	Hall County #: 2434.x.H (IV – Honors) [^]

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence
Credit Type: L1 or L2 Core or elective credit

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

Beginning Chorus I – IV

.5 or 1 Unit

CIP #: 54.02110 Hall County #: 2301 (I)
CIP #: 54.02120 Hall County #: 2302 (II)
CIP #: 54.02130 Hall County #: 2303 (III)
CIP #: 54.02170 Hall County #: 2304 (IV)

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

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

Intermediate Choral Ensemble I – III

.5 or 1 Unit

CIP #: 53.07210 Hall County #: 2280 (I)
CIP #: 53.07220 Hall County #: 2281 (II)
CIP #: 53.07230 Hall County #: 2282 (III)

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

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

Intermediate Chorus I – IV

.5 or 1 Unit

CIP #: 54.02210 Hall County #: 2311 (I)
CIP #: 54.02220 Hall County #: 2312 (II)
CIP #: 54.02230 Hall County #: 2313 (III)
CIP #: 54.02270 Hall County #: 2314 (IV)

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

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

Advanced Choral Ensemble I – IV

.5 or 1 Unit

CIP #: 53.07310 Hall County #: 2284 (I)
CIP #: 53.07320 Hall County #: 2285 (II)
CIP #: 53.07330 Hall County #: 2286 (III)
CIP #: 53.07330 Hall County #: 2291 (III – Honors)[∞]
CIP #: 53.07330 Hall County #: 2286.x.H (III – Honors)[^]
CIP #: 53.07340 Hall County #: 2287 (IV)
CIP #: 53.07340 Hall County #: 2292 (IV – Honors)[∞]
CIP #: 53.07340 Hall County #: 2287.x.H (IV – Honors)[^]

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence
Credit Type: L1 or L2; Core or elective credit

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

Advanced Chorus I – IV

.5 or 1 Unit

CIP #: 54.02310 Hall County #: 2321 (I)
CIP #: 54.02320 Hall County #: 2322 (II)
CIP #: 54.02330 Hall County #: 2323 (III)
CIP #: 54.02330 Hall County #: 2325 (III – Honors)[∞]
CIP #: 54.02330 Hall County #: 2323.x.H (III – Honors)[^]
CIP #: 54.02340 Hall County #: 2324 (IV)

CIP #: 54.02340 Hall County #: 2326 (IV – Honors)[∞]
 CIP #: 54.02340 Hall County #: 2324.x.H (IV – Honors)[^]
 Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence
 Credit Type: L1 or L2; Core or elective credit

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

Mastery Mixed Chorus I – IV

1 Unit

CIP #: 54.02350 Hall County #: 2331 (I)
 CIP #: 54.02350 Hall County #: 2335 (I – Honors)[∞]
 CIP #: 54.02350 Hall County #: 2331.x.H (I – Honors)[^]
 CIP #: 54.02360 Hall County #: 2332 (II)
 CIP #: 54.02360 Hall County #: 2336 (II – Honors)[∞]
 CIP #: 54.02360 Hall County #: 2332.x.H (II – Honors)[^]
 CIP #: 54.02370 Hall County #: 2333 (III)
 CIP #: 54.02370 Hall County #: 2337 (III – Honors)[∞]
 CIP #: 54.02370 Hall County #: 2333.x.H (III – Honors)[^]
 CIP #: 54.02380 Hall County #: 2334 (IV)
 CIP #: 54.02380 Hall County #: 2338 (IV – Honors)[∞]
 CIP #: 54.02380 Hall County #: 2334.x.H (IV – Honors)[^]

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.

International Baccalaureate (IB) Music, Year 1
International Baccalaureate (IB) Music, Year 2

1 Unit

CIP #: 53.02900 Hall County #: 2288 (Year 1)[∞]
 CIP #: 53.02900 Hall County #: 2288.x.M (Year 1)[^]
 CIP #: 53.02910 Hall County #: 2289 (Year 2)[∞]
 CIP #: 53.02910 Hall County #: 2289.x.M (Year 2)[^]

Prerequisite: Approval of the school IB coordinator & one music credit; courses must be taken in sequence
 Credit Type: L3; Core or elective credit

Description: IB music introduces the high school music student to college level music classes. The classes are performance based; however, the focus of performance narrows to that of solo literature and the area of study expands to include music theory, analysis through listening, composition, and musical investigation.

Beginning Guitar Techniques I, II

1 Unit

CIP #: 53.08410 Hall County #: 2460 (I)
 CIP#: 53.08420 Hall County #: 2461 (II)

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

Description: Provides opportunities to develop performance skills and precision on the guitar; includes analysis and theoretical studies, historical and cultural contributions, creative aspects of music, and strengthening reading skills.

Music Work-Based Learning (WBL) Placement

.5 or 1 Unit

CIP #: 53.7114	Hall County #: 2270 (Year 1)	CIP #: 53.7214	Hall County #: 2274 (Year 2)
CIP #: 53.7114	Hall County #: 2270.7.H (Year 1) [^]	CIP #: 53.7214	Hall County #: 2274.7.H (Year 2) [^]
CIP #: 53.7114	Hall County #: 2270.7.HX (Year 1) [∞]	CIP #: 53.7214	Hall County #: 2274.7.HX (Year 2) [∞]
CIP #: 53.7114	Hall County #: 2271 (Year 1)	CIP #: 53.7214	Hall County #: 2275 (Year 2)
CIP #: 53.7114	Hall County #: 2271.7.H (Year 1) [^]	CIP #: 53.7214	Hall County #: 2275.7.H (Year 2) [^]
CIP #: 53.7114	Hall County #: 2271.7.HX (Year 1) [∞]	CIP #: 53.7214	Hall County #: 2275.7.HX (Year 2) [∞]
CIP #: 53.7124	Hall County #: 2272 (Year 1)	CIP #: 53.7224	Hall County #: 2276 (Year 2)
CIP #: 53.7124	Hall County #: 2273 (Year 1)	CIP #: 53.7224	Hall County #: 2277 (Year 2)

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

Description: Develops 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 - IV

.5 or 1 Unit

CIP #: 50.02110	Hall County #: 2001 (I)
CIP #: 50.02120	Hall County #: 2002 (II)
CIP #: 50.02130	Hall County #: 2003 (III)
CIP #: 50.02400	Hall County #: 2004 (IV)
CIP #: 50.02600	Hall County #: 2005 (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.

Ceramics & Pottery I – IV

1 Unit

CIP #: 50.04110	Hall County #: 2041 (I)
CIP #: 50.04120	Hall County #: 2042 (II)
CIP #: 50.04130	Hall County #: 2043 (III)
CIP #: 50.04140	Hall County #: 2044 (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.

Drawing I, II

1 Unit

CIP #: 50.03110	Hall County #: 2011 (I)
CIP #: 50.03120	Hall County #: 2012 (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.

Drawing & Painting I, II

1 Unit

CIP #: 50.03130	Hall County #: 2021 (I)
CIP #: 50.03140	Hall County #: 2022 (II)

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

Credit Type: L1; Core or elective credit

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

Painting I

1 Unit

CIP #: 50.06110 or 50.03210	Hall County #: 2031 (I)
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Prerequisite: Visual Arts Comprehensive I

Credit Type: L1; Core or elective credit

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

Sculpture I

1 Unit

CIP #: 50.03210	Hall County #: 2062 (I)
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Prerequisite: Visual Arts Comprehensive I

Credit Type: L1; Core or elective credit

Description: Introduces the design and production of relief sculpture and sculpture-in-the-round. Emphasizes the historical origins and functions of sculpture in Western and non-Western cultures. Includes additive, subtractive, and modeling methods. Explores traditional and nontraditional materials for sculpted works and the work of both historical and contemporary sculptural artists.

Printmaking I**1 Unit**

CIP #: 50.05110 Hall County #: 2090 (I)

Prerequisite: Visual Arts Comprehensive I

Credit Type: L1; Core or elective credit

Description: Introduces a variety of printmaking techniques using processes such as relief printing (monoprint, collograph, block), intaglio processes (etching, engraving) and serigraphy (silkscreen films, stencils, block-out). Investigates the historical development of printmaking in Western and non-Western cultures. Emphasizes design elements and principles and introduces art criticism approaches applied to fine art prints.

Photography I - IV**1 Unit**

CIP #: 50.07110 Hall County #: 2051 (I)

CIP #: 50.07120 Hall County #: 2052 (II)

CIP #: 50.07130 Hall County #: 2053 (III)

CIP #: 50.07140 Hall County #: 2054 (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 Hall County #: 2070[∞]CIP #: 50.08110 Hall County #: 2070.x.M[^]

Prerequisite: Visual Arts Comprehensive I; Teacher recommendation

Credit Type: L3; Core or elective credit

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

Advanced Placement (AP) Studio Art: 2-D Design Portfolio**1 Unit**CIP #: 50.08130 Hall County #: 2071[∞]CIP #: 50.08130 Hall County #: 2071.x.M[^]

Prerequisite: Visual Arts Comprehensive I; Teacher recommendation

Credit Type: L3; Core or elective credit

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

Advanced Placement (AP) Studio Art: 3-D Design Portfolio**1 Unit**CIP #: 50.08140 Hall County #: 2072[∞]CIP #: 50.08140 Hall County #: 2072.x.M[^]

Prerequisite: Visual Arts Comprehensive I; Teacher recommendation

Credit Type: L3; Core or elective credit

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

Advanced Placement (AP) Art History**1 Unit**CIP #: 50.09210 Hall County #: 2073[∞]CIP #: 50.09210 Hall County #: 2073.x.M[^]

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.

International Baccalaureate (IB) Visual Arts, Year 1**1 Unit****International Baccalaureate (IB) Visual Arts, Year 2**CIP #: 50.04400 Hall County #: 2074 (Year 1)[∞]CIP #: 50.04400 Hall County #: 2074.x.M (Year 1)[^]CIP #: 50.04500 Hall County #: 2075 (Year 2)[∞]CIP #: 50.04500 Hall County #: 2075.x.M (Year 2)[^]

Prerequisite: Visual Arts Comprehensive I; Courses must be taken in sequence; Approval of the school IB coordinator
Credit Type: L3; Core or elective credit

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

Visual Arts Work-Based Learning (WBL) Placement

.5 or 1 Unit

CIP #: 50.7114	Hall County #: 2080 (Year 1)
CIP #: 50.7114	Hall County #: 2080.7.H (Year 1) Honors^
CIP #: 50.7114	Hall County #: 2080.7.HX (Year 1) Honors [∞]
CIP #: 50.7114	Hall County #: 2081 (Year 1)
CIP #: 50.7114	Hall County #: 2081.7.H (Year 1) Honors^
CIP #: 50.7114	Hall County #: 2081.7.HX (Year 1) Honors [∞]
CIP #: 50.7124	Hall County #: 2082 (Year 1)
CIP #: 50.7124	Hall County #: 2083 (Year 1)

Prerequisite: Visual Arts Comprehensive I; Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; junior or senior; 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: Develops 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.

PROFESSIONAL/CAREER PREPARATION

Mentorship I, II, III, IV (Honors)

.5 or 1 Unit

CIP #: 70.01100	Hall County #: 1755 (I – Honors) [∞]
CIP #: 70.01100	Hall County #: 1755.x.H (I – Honors)^
CIP #: 70.01200	Hall County #: 1756 (II – Honors) [∞]
CIP #: 70.01200	Hall County #: 1756.x.H (II – Honors)^
CIP #: 70.01300	Hall County #: 1757 (III – Honors) [∞]
CIP #: 70.01300	Hall County #: 1757.x.H (III – Honors)^
CIP #: 70.01400	Hall County #: 1758 (IV – Honors) [∞]
CIP #: 70.01400	Hall County #: 1758.x.H (IV – Honors)^

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	Hall County #: 1760 (I – Honors) [∞]
CIP #: 70.03100	Hall County #: 1760.x.H (I – Honors)^
CIP #: 70.03200	Hall County #: 1761 (II – Honors) [∞]
CIP #: 70.03200	Hall County #: 1761.x.H (II – Honors)^
CIP #: 70.03300	Hall County #: 1762 (III – Honors) [∞]
CIP #: 70.03300	Hall County #: 1762.x.H (III – Honors)^
CIP #: 70.03400	Hall County #: 1763 (IV – Honors) [∞]
CIP #: 70.03400	Hall County #: 1763.x.H (IV – Honors)^

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	Hall County #: 1770 (I)
CIP #: 70.04200	Hall County #: 1771 (II)
CIP #: 70.04300	Hall County #: 1772 (III)

CIP #: 70.04400 Hall County #: 1773 (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.

Library Science/Grades 9 - 12

1 Unit

CIP #: 80.01000 Hall County #: 1795
Prerequisite: None
Credit Type: L1; Elective credit

Description: Introduction to the classification, location and use of media center resources and the utilization of instructional equipment. Library science and the information literacy skills are taught through media activities.

HEALTH and PHYSICAL EDUCATION

Health

.5 Unit

CIP #: 17.01100 Hall County #: 1503
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

CIP #: 36.05100 Hall County #: 1506
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 Hall County #: 1530
CIP #: 36.06400 Hall County #: 1531 (Advanced)
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 Hall County #: 1532
CIP #: 36.06600 Hall County #: 1533 (Advanced)
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 Hall County #: 1528
CIP #: 36.06200 Hall County #: 1529 (Advanced)
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

Hall County #: 1545

CIP #: 36.06500

Hall County #: 1546 (Advanced)

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

Hall County #: 1515 (Introductory)

CIP #: 36.03700

Hall County #: 1516 (Intermediate)

CIP #: 36.04700

Hall County #: 1517 (Advanced)

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 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

Hall County #: 1520 (Introductory)

CIP #: 36.03100

Hall County #: 1521 (Intermediate)

CIP #: 36.04100

Hall County #: 1522 (Advanced)

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.

Principles of Athletic Training/Sports Medicine**.5 or 1 Unit**

CIP #: 36.01500

Hall County #: 1510

Prerequisite: None

Credit Type: L1; Elective credit only

Description: Introduces techniques to prevent, recognize, evaluate, manage, treat, and rehabilitate athletic injuries.

CAREER/TECHNOLOGY

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.

Plant & Landscape Systems Pathway (C, E)

- Basic Agriculture Science (#3015)
- General Horticulture and Plant Science (#3050)
- Nursery and Landscape (#3061)

Agriculture Mechanics Systems Pathway (L, N)

- Basic Agriculture Science (# 3015)
- Agricultural Mechanics Technology I (#3001)
- Agricultural Mechanics Technology II (#3002)

Agriculture Mechanics/Metal Fabrication (L, N)

- Basic Agriculture Science (#3015)
- Agricultural Mechanics Technology I (#3001)
- Agricultural Metals Fabrication (#3018)

Agriculture Leadership in Animal Production (N)

- Basic Agriculture Science (#3015)
- Animal Science & Biotechnology (#3064)
- Agribusiness Management & Leadership (#3024)

Veterinary Science Pathway (N)

- Basic Agriculture Science (#3015)
- Animal Science & Biotechnology (#3064)
- Veterinary Science (#3063)

Plant & Floriculture Systems Pathway (E)

- Basic Agriculture Science (#3015)
- General Horticulture and Plant Science (#3050)
- Floriculture Production & Management (#3045)

Horticulture and Animal Systems Pathway (E)

- Basic Agriculture Science (#3015)
- General Horticulture and Plant Science (#3050)
- Animal Science & Biotechnology (#3064)

Basic Agriculture Science

1 Unit

CIP #: 02.471 Hall County #: 3015

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.

General Horticulture & Plant Science

1 Unit

CIP #: 01.461 Hall County #: 3050

Prerequisite: Basic Agriculture 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.**

Description: Introduces the major concepts of plant and horticulture science. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership program and activities.

Nursery and Landscape

1 Unit

CIP #: 01.470 Hall County #: 3061

Prerequisite: Basic Agriculture recommended

Credit Type: L1; Core or elective credit

Description: Designed to provide students with the basic skills and knowledge utilized by the green industry in nursery production and management & landscape design and management.

Floriculture Production & Management

1 Unit

CIP #: 01.462 Hall County #: 3045

Prerequisite: Basic Agriculture recommended

Credit Type: L1; Core or elective credit

Description: Designed to introduce students to the principles and practices of floriculture production. Students will develop floriculture skills and the basic understanding necessary to be successful in entry-level positions in the floriculture industry.

Animal Science & Biotechnology

1 Unit

CIP #: 02.421 Hall County #: 3064

Prerequisite: Basic Agriculture 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.**

Description: Introduces the scientific principles that underlie the breeding and husbandry of agricultural animals, and the production, processing, and distribution of agricultural animal products.

Veterinary Science

1 Unit

CIP #: 02.42400 Hall County #: 3063

Prerequisite: Basic Agriculture recommended

Credit Type: L1; Core or elective credit

Description: Covers the basics of animal care. Topics covered include disease, parasites, feeding, shelter, grooming, and general animal care.

Agricultural Mechanics Technology I – II

1 Unit

CIP #: 01.421 Hall County #: 3001 (I)

CIP #: 01.422 Hall County #: 3002 (II)

Prerequisite: Basic Agriculture 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 Hall County #: 3018
 Prerequisite: Basic Agriculture and Agricultural Mechanics 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) and North Hall High School.*

Agribusiness Management and Leadership**1 Unit**

CIP #: 01.412 Hall County #: 3024
 Prerequisite: Basic Agriculture recommended
 Credit Type: L1; Core or elective credit

Description: Provides a foundation in the application of principles and practices of agribusiness management and leadership. Students will build a knowledge base of the industry as they study agribusiness types, business management, financial analysis, communications, agricultural law, leadership and teamwork, ethics, and agricultural economics.

Agriculture, Food & Natural Resources Work-Based Learning (WBL) Placement**.5 or 1 Unit**

CIP #: 01.7114	Hall County #: 3081 (Year 1)	CIP #: 01.7214	Hall County #: 3085 (Year 2)
CIP #: 01.7114	Hall County #: 3082 (Year 1)	CIP #: 01.7214	Hall County #: 3086 (Year 2)
CIP #: 01.7124	Hall County #: 3083 (Year 1)	CIP #: 01.7224	Hall County #: 3087 (Year 2)
CIP #: 01.7124	Hall County #: 3084 (Year 1)	CIP #: 01.7224	Hall County #: 3088 (Year 2)

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

Description: Students will develop transferable employability skills; an awareness of the culture of the workplace; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student employee; 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.

Carpentry Pathway (C, J, L, W)

- Industry Fund & Occupational Safety (#3135)
- Introduction to Construction (#3150)
- Carpentry I (# 3140)

Electrical Pathway (C, W)

- Industry Fund & Occupational Safety (#3135)
- Introduction to Construction (#3150)
- Electrical I (#3145)

Plumbing Pathway (J)

- Industry Fund & Occupational Safety (#3135)
- Introduction to Construction (#3150)
- Plumbing I (#3160)

Heating, Vent, Air Conditioning & Refrigeration (L)

- Industry Fund & Occupational Safety (#3135)
- Introduction to HVACR Systems (#3137)
- Heating, Ventilation, Air Cond, & Refrigeration (#3138)

HVACR Electrical Pathway (L)

- Industry Fund & Occupational Safety (#3135)
- Introduction to HVACR Systems (#3137)
- Low Voltage Electrical (#3139)

Industry Fundamentals & Occupational Safety**1 Unit**

CIP #: 46.545 Hall County #: 3135
 Prerequisite: None
 Credit Type: L1; Core or elective credit

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

Introduction to Construction**1 Unit**

CIP #: 46.546 Hall County #: 3150
 Prerequisite: Industry Fundamentals and Occupational Safety
 Credit Type: L1; Core or elective credit

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

Carpentry I

1 Unit

CIP #: 46.550 Hall County #: 3140
Prerequisite: Introduction to Construction
Credit Type: L1; Core or elective credit

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

Carpentry II

1 Unit

CIP #: 46.551 Hall County #: 3142
Prerequisite: Approval of Habitat High Instructor; Carpentry I
Credit Type: L1; Core or elective credit

Description: This course includes knowledge and skills in various kinds of roof systems, layout and cutting types of roof rafters; installing exterior doors and windows; code requirements of building a house. On-site experience in the craft trade areas of building a residential house. *Habitat High students only.*

Construction Internship

1 Unit

CIP #: 46.547 Hall County #: 3151
Prerequisite: Approval of Habitat High Instructor
Credit Type: L1; Core or elective credit

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

Electrical I

1 Unit

CIP #: 46.560 Hall County #: 3145
Prerequisite: Introduction to Construction
Credit Type: L1; Core or elective credit

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

Plumbing I

1 Unit

CIP #: 46.580 Hall County #: 3160
Prerequisite: Introduction to Construction
Credit Type: L1; Core or elective credit

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

Introduction to HVACR Systems

1 Unit

CIP #: 47.41400 Hall County #: 3137
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 Hall County #: 3138
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 Hall County #: 3139
 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).*

Habitat High Work-Based Learning (WBL) Placement

1 Unit

CIP #: 46.7114	Hall County #: 3181 (Year 1)	CIP #: 46.7214	Hall County #: 3185 (Year 2)
CIP #: 46.7114	Hall County #: 3182 (Year 1)	CIP #: 46.7214	Hall County #: 3186 (Year 2)
CIP #: 46.7124	Hall County #: 3183 (Year 1)	CIP #: 46.7224	Hall County #: 3187 (Year 2)
CIP #: 46.7124	Hall County #: 3184 (Year 1)	CIP #: 46.7224	Hall County #: 3188 (Year 2)

Prerequisite: Application process required and acceptance into the program
 Credit Type: L1; Core or elective credit; courses are designed as yearlong courses; up to three units may be earned at one time

Description: Students will develop transferable employability skills; an awareness of the culture of the workplace; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student employee; 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. *Course only available at Lanier College Career Academy.*

Construction Technology Work-Based Learning (WBL) Placement

.5 or 1 Unit

CIP #: 46.7114	Hall County #: 3121 (Year 1)	CIP #: 46.7214	Hall County #: 3125 (Year 2)
CIP #: 46.7114	Hall County #: 3122 (Year 1)	CIP #: 46.7214	Hall County #: 3126 (Year 2)
CIP #: 46.7124	Hall County #: 3123 (Year 1)	CIP #: 46.7224	Hall County #: 3127 (Year 2)
CIP #: 46.7124	Hall County #: 3124 (Year 1)	CIP #: 46.7224	Hall County #: 3128 (Year 2)

Prerequisite: Application process required and acceptance into the program
 Credit Type: L1; Core or elective credit; courses are designed as yearlong courses; up to three units may be earned at one time

Description: Students will develop transferable employability skills; an awareness of the culture of the workplace; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student employee; 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 Work-Based Learning (WBL) Placement

.5 or 1 Unit

CIP #: 47.7114	Hall County #: 3171 (Year 1)	CIP #: 47.7214	Hall County #: 3175 (Year 2)
CIP #: 47.7114	Hall County #: 3172 (Year 1)	CIP #: 47.7214	Hall County #: 3176 (Year 2)
CIP #: 47.7124	Hall County #: 3173 (Year 1)	CIP #: 47.7224	Hall County #: 3177 (Year 2)
CIP #: 47.7124	Hall County #: 3174 (Year 1)	CIP #: 47.7224	Hall County #: 3178 (Year 2)

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; junior or senior; able to provide own transportation; & concurrently enrolled in a CTAE course, career field of interest or previously taken a CTAE course
 Credit Type: L1; Core or elective credit

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

ARTS, A/V TECHNOLOGY & COMMUNICATIONS

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

Audio-Video Technology & Film I (C, J, W)

- Audio-Video Technology Film I (#3205)
- Audio-Video Technology Film II (#3206)
- Audio-Video Technology Film III (#3207)

Audio-Video Technology & Film II (C, J, W)

- Audio-Video Technology Film I (#3205)
- Audio-Video Technology Film II (#3206)
- Broadcast Video Applications (#3204)

Graphics Design Pathway (C, E, F, J, W)

- Introduction to Graphics and Design (#3220)
- Graphic Design and Production (#3225)
- Advanced Graphic Design (#3245)

Graphics Communications Pathway (C, E, F, J, W)

- Introduction to Graphics and Design (#3220)
- Graphic Design and Production (#3225)
- Advanced Graphic Output Processes (#3244)

Audio-Video Technology Film I**1 Unit**

CIP #: 10.51810 Hall County #: 3205

Prerequisite: None

Credit Type: L1; Core or elective credit

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

Audio-Video Technology and Film II**1 Unit**

CIP #: 10.51910 Hall County #: 3206

Prerequisite: Audio-Video Technology Film I

Credit Type: L1; Core or elective credit

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

Audio-Video Technology and Film III**1 Unit**

CIP #: 10.52010 Hall County #: 3207

Prerequisite: Audio-Video Technology and Film II

Credit Type: L1; Core or elective credit

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

Broadcast Video Applications**1 Unit**

CIP #: 10.51410 Hall County #: 3204

Prerequisite: Audio-Video Technology Film II

Credit Type: L1; Core or elective credit

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

Introduction to Graphics and Design**1 Unit****Introduction to Graphics and Design (Honors)**

CIP #: 48.561 Hall County #: 3220

CIP #: 48.561 Hall County #: 3220.0.H (Honors)^

CIP #: 48.561 Hall County #: 3221 (Honors)∞

Prerequisite: None

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 #: 48.562 Hall County #: 3225

CIP #: 48.562 Hall County #: 3225.0.H (Honors)^

CIP #: 48.562 Hall County #: 3226 (Honors)∞

Prerequisite: Introduction to Graphics and Design

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 Hall County #: 3244

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 Hall County #: 3245

CIP #: 48.528 Hall County #: 3245.0.H (Honors)[^]
 Prerequisite: Graphic Design and Production
 Credit Type: L1 or L2; Core or elective credit

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

Arts, A/V Technology & Communications Work-Based Learning (WBL) Placement .5 or 1 Unit

CIP #: 10.7114	Hall County #: 3251 (Year 1)	CIP #: 10.7214	Hall County #: 3255 (Year 2)
CIP #: 10.7114	Hall County #: 3252 (Year 1)	CIP #: 10.7214	Hall County #: 3256 (Year 2)
CIP #: 10.7124	Hall County #: 3253 (Year 1)	CIP #: 10.7224	Hall County #: 3257 (Year 2)
CIP #: 10.7124	Hall County #: 3254 (Year 1)	CIP #: 10.7224	Hall County #: 3258 (Year 2)

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; junior or senior; able to provide own transportation; & concurrently enrolled in a CTAE course, career field of interest or previously taken a CTAE course
 Credit Type: L1; Core or elective credit

Description: Students will develop employability skills, awareness of the workplace culture, & master predetermined learning objectives identified with a training plan between the employer and student employee; 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

CIP #: 48.7114	Hall County #: 4151 (Year 1)	CIP #: 48.7214	Hall County #: 4155 (Year 2)
CIP #: 48.7114	Hall County #: 4152 (Year 1)	CIP #: 48.7214	Hall County #: 4156 (Year 2)
CIP #: 48.7124	Hall County #: 4153 (Year 1)	CIP #: 48.7224	Hall County #: 4157 (Year 2)
CIP #: 48.7124	Hall County #: 4154 (Year 1)	CIP #: 48.7224	Hall County #: 4158 (Year 2)
CIP #: 48.7114	Hall County #: 4151.0.H (Year 1) [^]	CIP #: 48.7214	Hall County #: 4155.0.H (Year 2) [^]
CIP #: 48.7114	Hall County #: 4152.0.H (Year 1) [^]	CIP #: 48.7214	Hall County #: 4156.0.H (Year 2) [^]
CIP #: 48.7114	Hall County #: 4151.0.HX (Year 1) [∞]	CIP #: 48.7214	Hall County #: 4155.0.HX (Year 2) [∞]
CIP #: 48.7114	Hall County #: 4152.0.HX (Year 1) [∞]	CIP #: 48.7214	Hall County #: 4156.0.HX (Year 2) [∞]

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

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

BUSINESS, MANAGEMENT & ADMINISTRATION

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

Business & Technology Pathway (C, E, F,N, J, W)

- Introduction to Business & Technology (#3306 or #3307)
- Business and Technology (#3308)
- Business Communications (#3367)

Entrepreneurship Pathway (C, E, N)

- Introduction to Business & Tech (#3306 or #3307)
- Legal Environment of Business (#3320 or #3321)
- Entrepreneurship (#3360 or #3361)

Introduction to Business & Technology

1 Unit

CIP #: 07.4413	Hall County #: 3306
CIP #: 07.4413	Hall County #: 3306.0.H (Honors) [^]
CIP #: 07.4413	Hall County #: 3307 (Honors) [∞]

Prerequisite: None

Credit Type: L1 or L2; Core or elective credit

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

Business and Technology

1 Unit

CIP #: 07.44100	Hall County #: 3308
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Prerequisite: Introduction to Business & Technology

Credit Type: L1; Core or elective credit

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

Business Communications**1 Unit**

CIP #: 07.45100 Hall County #: 3367
 Prerequisite: Intro to Business & Technology recommended
 Credit Type: L1; Core or elective credit

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

Legal Environment of Business**1 Unit**

CIP #: 06.4150 Hall County #: 3320
 Prerequisite: None
 Credit Type: L1 or L2; Core or elective credit

Description: Concentrates on the legal aspects of business ownership and management. Legal issues will include contracts, sales, consumer law, agency and employment law, personal and real property, risk management, environmental law, and government effects on business. The impact of ethics on business operations and international business principles will also be studied.

Entrepreneurship**1 Unit**

CIP #: 06.416 Hall County #: 3360
 Prerequisite: Intro to Business & Technology; and/or teacher recommendation
 Credit Type: L1 or L2; Core or elective credit

Description: How do you turn an idea into a business? Course focuses on recognizing a business opportunity, starting a business, operating and maintaining a business. Students will be exposed to the development of critical thinking, problem solving, and innovation as they will be a business owner or individuals working in a competitive job market in the future. Integration of accounting, finance, marketing, business management, legal and economic environments will be developed throughout projects.

International Baccalaureate (IB) Business & Management, Year 1**1 Unit**

CIP #: 06.420 Hall County #: 3373
 Prerequisite: Approval of the school IB coordinator
 Credit Type: L3; Core or elective credit

Description: The IB Diploma Programme Business and Management course explores how business decision-making processes impact and are affected by internal and external environments. It is designed to develop an understanding of business theory, as well as an ability to apply business principles, practices and skills. Students analyze the social, cultural and ethical factors in the actions of organizations and individuals in those organizations. The business and management topics include: business organization and management; human resources; accounts and finance; marketing; operations management; and, business strategy.

International Baccalaureate (IB) Business & Management, Year 2**1 Unit**

CIP #: 06.430 Hall County #: 3374
 Prerequisite: Approval of the school IB coordinator
 Credit Type: L3; Core or elective credit

Description: This course culminates in a business research project and two written IB exams, enabling students to think critically and appreciate the nature and significance of change in a local, regional and global context.

Business Management Work-Based Learning (WBL) Placement**.5 or 1 Unit**

CIP #: 06.7114	Hall County #: 3381 (Year 1)	CIP #: 06.7214	Hall County #: 3385 (Year 2)
CIP #: 06.7114	Hall County #: 3382 (Year 1)	CIP #: 06.7214	Hall County #: 3386 (Year 2)
CIP #: 06.7124	Hall County #: 3383 (Year 1)	CIP #: 06.7224	Hall County #: 3387 (Year 2)
CIP #: 06.7124	Hall County #: 3384 (Year 1)	CIP #: 06.7224	Hall County #: 3388 (Year 2)
CIP #: 06.7114	Hall County #: 3381.7.H (Year 1) Honors [^]	CIP #: 06.7214	Hall County #: 3385.7.H (Year 2) Honors [^]
CIP #: 06.7114	Hall County #: 3381.7.HX (Year 1) Honors [∞]	CIP #: 06.7214	Hall County #: 3385.7.HX (Year 2) Honors [∞]
CIP #: 06.7114	Hall County #: 3382.7.H (Year 1) Honors [^]	CIP #: 06.7214	Hall County #: 3386.7.H (Year 2) Honors [^]
CIP #: 06.7114	Hall County #: 3382.7.HX (Year 1) Honors [∞]	CIP #: 06.7214	Hall County #: 3386.7.H (Year 2) Honors [∞]

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

Description: Students will develop transferable employability skills; an awareness of the culture of the workplace; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student employee; 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**

CIP #: 07.7114	Hall County #: 3391 (Year 1)	CIP #: 07.7214	Hall County #: 3395 (Year 2)
CIP #: 07.7114	Hall County #: 3392 (Year 1)	CIP #: 07.7214	Hall County #: 3396 (Year 2)

CIP #: 07.7124	Hall County #: 3393 (Year 1)	CIP #: 07.7224	Hall County #: 3397 (Year 2)
CIP #: 07.7124	Hall County #: 3394 (Year 1)	CIP #: 07.7224	Hall County #: 3398 (Year 2)
CIP #: 07.7114	Hall County #: 3391.7.H (Year 1) Honors [^]		
CIP #: 07.7114	Hall County #: 3391.7.HX (Year 1) Honors [∞]		
CIP #: 07.7114	Hall County #: 3392.7.H (Year 1) Honors [^]		
CIP #: 07.7114	Hall County #: 3392.7.HX (Year 1) Honors [∞]		
CIP #: 07.7124	Hall County #: 3395.7.H (Year 1) Honors [^]		
CIP #: 07.7124	Hall County #: 3395.7.HX (Year 1) Honors [∞]		
CIP #: 07.7124	Hall County #: 3396.7.H (Year 1) Honors [^]		
CIP #: 07.7124	Hall County #: 3396.7.HX (Year 1) Honors [∞]		

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; junior or senior; able to provide own transportation; & concurrently enrolled in a CTAE course, career field of interest or previously taken a CTAE course

Credit Type: L1; Core or elective credit

Description: Students will develop transferable employability skills; an awareness of the culture of the workplace; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student employee; 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.

Teaching As A Profession Pathway (C, E, N, W)

- Examining the Teaching Profession (#3501)
- Contemporary Issues in Education (#3506)
- Teaching as a Profession Practicum (#3510)

Early Childhood Care & Education Pathway* (F, J, N)

- Early Childhood Education I (#3846)
- Early Childhood Education II (#3843)
- Early Childhood Education III (#3844)

** 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

CIP #: 13.011 Hall County #: 3501 (Honors)[∞]
 CIP #: 13.011 Hall County #: 3501.0.H (Honors)[^]

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

CIP #: 13.012 Hall County #: 3506 (Honors)[∞]
 CIP #: 13.012 Hall County #: 3506.0.H (Honors)[^]

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

CIP #: 13.01300 Hall County #: 3510 (Honors)[∞]
 CIP #: 13.01300 Hall County #: 3510.0.H (Honors)[^]

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 Hall County #: 3846

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 Hall County #: 3843

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 Hall County #: 3844

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

CIP #: 13.7114	Hall County #: 3511 (Year 1)	CIP #: 13.7214	Hall County #: 3515 (Year 2)
CIP #: 13.7114	Hall County #: 3512 (Year 1)	CIP #: 13.7214	Hall County #: 3516 (Year 2)
CIP #: 13.7124	Hall County #: 3513 (Year 1)	CIP #: 13.7224	Hall County #: 3517 (Year 2)
CIP #: 13.7124	Hall County #: 3514 (Year 1)	CIP #: 13.7224	Hall County #: 3518 (Year 2)
CIP #: 13.7114	Hall County #: 3511.7.H (Year 1) Honors [^]	CIP #: 13.7214	Hall County #: 3515.7.H (Year 2) Honors [^]
CIP #: 13.7114	Hall County #: 3512.7.H (Year 1) Honors [^]	CIP #: 13.7214	Hall County #: 3516.7.H (Year 2) Honors [^]
CIP #: 13.7114	Hall County #: 3511.7.HX (Year 1) Honors [∞]	CIP #: 13.7214	Hall County #: 3515.7.HX (Year 2) Honors [∞]
CIP #: 13.7114	Hall County #: 3512.7.HX (Year 1) Honors [∞]	CIP #: 13.7214	Hall County #: 3516.7.HX (Year 2) Honors [∞]

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

Credit Type: L1 or L2; Core or elective credit

Description: Students will develop transferable employability skills; an awareness of the culture of the workplace; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student employee; 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 Work-Based Learning (WBL) Placement

.5 or 1 Unit

CIP #: 20.7114	Hall County #: 3541 (Year 1)	CIP #: 20.7214	Hall County #: 3545 (Year 2)
CIP #: 20.7114	Hall County #: 3542 (Year 1)	CIP #: 20.7214	Hall County #: 3546 (Year 2)
CIP #: 20.7124	Hall County #: 3543 (Year 1)	CIP #: 20.7224	Hall County #: 3547 (Year 2)
CIP #: 20.7124	Hall County #: 3544 (Year 1)	CIP #: 20.7224	Hall County #: 3548 (Year 2)
CIP #: 20.7114	Hall County #: 3541.7.H (Year 1) Honors [^]		
CIP #: 20.7114	Hall County #: 3542.7.H (Year 1) Honors [^]		
CIP #: 20.7114	Hall County #: 3541.7.HX (Year 1) Honors [∞]		
CIP #: 20.7114	Hall County #: 3542.7.HX (Year 1) Honors [∞]		

Prerequisite: Application process required and acceptance into the program

Credit Type: L1; Core or elective credit

Description: Provides work-site learning experiences for student interested in culinary arts careers. Students will develop transferable employability skills; an awareness of the culture of the workplace; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student employee; 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.

Financial Services Pathway

- Introduction to Business & Technology (#3306)
- Financial Literacy (#3370)
- Banking, Investing, and Insurance (#3399)

Introduction to Business & Technology**1 Unit**

CIP #: 07.4413 Hall County #: 3306

Prerequisite: None

Credit Type: L1; Core or elective credit

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

Financial Literacy**.5 or 1 Unit**

CIP #: 07.42600 Hall County #: 3370

Prerequisite: Introduction to Business & Technology recommended

Credit Type: L1; Core or elective credit

Description: Understand the importance of the financial world, including planning and managing money wisely. Areas of study: sources of income, budgeting, banking, consumer credit, credit laws and rights, personal bankruptcy, insurance, spending, taxes, investment strategies, savings accounts, mutual funds and the stock market, buying a vehicle, and living independently.

Banking, Investing, and Insurance**.5 or 1 Unit**

CIP #: 07.431 Hall County #: 3399

Prerequisite: Introduction to Business & Technology

Credit Type: L1; Core or elective credit

Description: Explore the financial world as students dive into the main areas of financial services, including banking, investing, and insurance. Basics of banking and credit include a brief history of money and banking, negotiable instruments, creation of credit, and the function of banks.

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

CIP #: 07.7114 Hall County #: 3391 (Year 1) CIP #: 07.7214 Hall County #: 3395 (Year 2)

CIP #: 07.7114 Hall County #: 3392 (Year 1) CIP #: 07.7214 Hall County #: 3396 (Year 2)

CIP #: 07.7124 Hall County #: 3393 (Year 1) CIP #: 07.7224 Hall County #: 3397 (Year 2)

CIP #: 07.7124 Hall County #: 3394 (Year 1) CIP #: 07.7224 Hall County #: 3398 (Year 2)

CIP #: 07.7114 Hall County #: 3391.7.H (Year 1) Honors[^]CIP #: 07.7114 Hall County #: 3391.7.HX (Year 1) Honors[∞]CIP #: 07.7114 Hall County #: 3392.7.H (Year 1) Honors[^]CIP #: 07.7114 Hall County #: 3392.7.HX (Year 1) Honors[∞]CIP #: 07.7124 Hall County #: 3393.7.H (Year 1) Honors[^]CIP #: 07.7124 Hall County #: 3393.7.HX (Year 1) Honors[∞]CIP #: 07.7124 Hall County #: 3394.7.H (Year 1) Honors[^]CIP #: 07.7124 Hall County #: 3394.7.HX (Year 1) Honors[∞]

Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; junior or senior; able to provide own transportation; & concurrently enrolled in a CTAE course, career field of interest or previously taken a CTAE course

Credit Type: L1; Core or elective credit

Description: Students will develop transferable employability skills; an awareness of the culture of the workplace; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student employee; 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.

JROTC Naval Science Pathway (E)

- Cadet Field Manual (# 4301)
- Introduction to NJROTC (# 4302)
- Maritime History (# 4303)

Naval Science**1 Unit**

CIP #: 28.02100 Hall County #: 4301 (Cadet Field Manual)

CIP #: 28.02200 Hall County #: 4302 (Introduction to NJROTC)

CIP #: 28.02300 Hall County #: 4303 (Maritime History)

CIP #: 28.02400 Hall County #: 4304 (Nautical Science)

CIP #: 28.02500 Hall County #: 4305 (Naval Knowledge)

CIP #: 28.02600 Hall County #: 4306 (Naval Orientation & Skills)

CIP #: 28.02700 Hall County #: 4307 (Naval Leadership & Ethics)
 CIP #: 28.02800 Hall County #: 4308 (Effective Communications)
 Prerequisite: None
 Credit Type: L1; Core or elective credit

Description: Cadet Field Manual combines information about military drill & ceremonies, uniform regulations, physical fitness, survival, leadership, & communications, and helps the student understand the mission, goals, and opportunities for the program. Introduction to NJROTC focuses on the understanding of our nation, our values, traditions, heritage, respect for our laws, and becoming responsible citizens. Maritime History further develops the traits of citizenship & leadership in students; introduces cadets to the maritime history of the world & the United States from the American Revolution through the present time. Nautical Science introduces the various nautical sciences. Naval Knowledge expounds upon the virtues of the United States citizenship with knowledge of the world's waterways through the viewpoint of National power & International law. Naval Orientation & Skills furthers the foundation in citizenship and leadership and provides application in Naval & Ship Organization. Naval Leadership & Ethics take a more in-depth look at how to maximize leadership abilities. Effective Communications focuses on the most important skills that a good leader must develop in order to be successful.

HEALTH SCIENCE

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

Therapeutic Serv-Patient Care Pathway (C, E, J, N)

- Introduction to Healthcare Science (#3600/3604)
- Essentials of Healthcare (#3602/3612)
- Patient Care Fundamentals (#3603)

Therapeutic Serv-Emergency Medical Responder (C, F, J, W)

- Introduction to Healthcare Science (#3600/3604)
- Essentials of Healthcare (#3602/3612)
- Emergency Medical Responder (#3616)

Therapeutic Services-Allied Health & Medicine (C, E, F, J, N, W)

- Introduction to Healthcare Science (#3600/3604)
- Essentials of Healthcare (#3602/3612)
- Allied Health & Medicine (#3653/3654)

Therapeutic Services-Sports Medicine (C, CB, E, N)

- Introduction to Healthcare Science (#3600/3604)
- Essentials of Healthcare (#3602/3612)
- Sports Medicine (#3657)

Therapeutic Services-Pharmacy Pathway (W)

- Introduction to Healthcare Science (#3600/3604)
- Essentials of Healthcare (#3602/3612)
- Pharmacy Operations & Fundamentals (#3636)

Therapeutic Services-Exercise Physiology (C, CB)

- Introduction to Healthcare Science (#3600/3604)
- Essentials of Healthcare (#3602/3612)
- Foundations of Exercise Physiology (#3651)

Diagnostics/Phlebotomy Pathway (E)

- Introduction to Healthcare Science (#3600/3604)
- Essentials of Healthcare (#3602/3612)
- Diagnostics/Phlebotomy (#3631)

Diagnostics/Non-Invasive Technology (CB)

- Introduction to Healthcare Science (#3600/3604)
- Essentials of Healthcare (#3602/3612)
- Non-Invasive Diagnostic Technology (#3614)

Therapeutic Services-Surgical Technology (CB)

- Introduction to Healthcare Science (#3600/3604)
- Essentials of Healthcare (#3602/3612)
- Surgical Technician I (#3613)

Biotechnology Research & Development (N)

- Introduction to Healthcare Science (#3600/3604)
- Essentials of Biotechnology (#3684/3685)
- Applications of Biotechnology (#3680/3681)

Introduction to Healthcare Science

1 Unit

CIP #: 25.521 Hall County #: 3600
 CIP #: 25.521 Hall County #: 3600.0.H (Honors)^
 CIP #: 25.521 Hall County #: 3604 (Honors)∞
 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

CIP #: 25.44000 Hall County #: 3602
 CIP #: 25.44000 Hall County #: 3602.0.H (Honors)^
 CIP #: 25.44000 Hall County #: 3612 (Honors)∞
 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 credit for this course will also receive credit for Human Anatomy and Physiology, CIP #: 26.07300**

Description: Anatomy and Physiology is a vital part of most healthcare post-secondary education programs. The Essentials of Healthcare is a medical-focused anatomy course addressing the physiology of each body system, along with the investigation of common diseases,

disorders and emerging diseases. The prevention of disease and the diagnosis and treatment that might be utilized are addressed, along with medical terminology related to each system.

Patient Care Fundamentals

1 Unit

CIP #: 25.43600 Hall County #: 3603
Prerequisite: Introduction to Healthcare Science & Essentials of Healthcare
Credit Type: L1; Core or elective credit

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

Emergency Medical Responder

1 Unit

CIP #: 25.45000 Hall County #: 3616
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

CIP #: 25.43700 Hall County #: 3654
CIP #: 25.43700 Hall County #: 3654.0.H (Honors)*
CIP #: 25.43700 Hall County #: 3653 (Honors)∞
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.

Sports Medicine

1 Unit

Sports Medicine (Honors)

CIP #: 25.44600 Hall County #: 3657
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**

Description: The course is appropriate for students who wish to pursue a career in healthcare with a focus on the musculoskeletal system, injury assessment, injury prevention, or rehabilitation including careers in Sports Medicine and Rehabilitative Services. The concepts of anatomy and physiology, assessment, preventative and rehabilitative care are introduced.

Pharmacy Operations & Fundamentals

1 Unit

CIP #: 25.45300 Hall County #: 3636
Prerequisite: Introduction to Healthcare Science
Credit Type: L1; Core or elective credit

Description: The course is an introduction to pharmacy technology professions, employment opportunities, and basic pre-pharmacy technician skills which may be utilized in either clinical or community settings such as retail, home health care, and ambulatory care pharmacies.

Foundations of Exercise Physiology

1 Unit

CIP #: 25.45400 Hall County #: 3651
Prerequisite: Introduction to Healthcare Science
Credit Type: L1; Core or elective credit

Description: Course is appropriate for students wishing to pursue a career in personal training or for those who desire an introduction in the field of exercise physiology and will enable students to perform fitness assessments, according to current guidelines, and to use data to develop exercise and training routines, fitness plans, and nutritional programs to fit the needs of clients. The concepts of human kinesiology will be evaluated and fundamental skills of goal setting, record keeping, and instruction techniques will be covered in the course.

Essentials of Biotechnology

1 Unit

CIP #: 25.570 Hall County #: 3684
CIP #: 25.570 Hall County #: 3684.0.H (Honors)*
CIP #: 25.570 Hall County #: 3685 (Honors)∞
Prerequisite: None

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**

Description: Introduces students to the broad understanding of the fundamentals of biotechnology and the impact on society. The knowledge and skills in this course provides a basic overview of current trends and careers in biotechnology, with an emphasis on basic laboratory skills, along with the business, regulatory, and ethical aspects of biotechnology.

Applications of Biotechnology

1 Unit

CIP #: 25.569 Hall County #: 3680
CIP #: 25.569 Hall County #: 3680.0.H (Honors)^
CIP #: 25.569 Hall County #: 3681 (Honors)∞

Prerequisite: None

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**

Description: Course further introduces students to the fundamentals of biotechnology. Included in this course are additional applications and techniques in biotechnology that expand and increase the student's comprehension of how biotechnology utilizes living systems to create products and enhance lives. In addition, laboratory applications learned in this course form the pivotal component distinguishing science theory from application in bioscience, like that of engineering and mathematics. Bioscience and the application of laboratory technique to the manipulation of living systems is a cornerstone of pharmaceutical, medical device, forensic science, environmental science, agriculture, alternative fuel, and green chemistry.

Diagnostics Phlebotomy

1 Unit

CIP #: 25.57400 Hall County #: 3631
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.

Surgical Technician

1 Unit

CIP #: 25.44700 Hall County #: 3613
CIP #: 25.44700 Hall County #: 3613.0.H^
CIP #: 25.44700 Hall County #: 3613.0.HX∞
Prerequisite: Introduction to Healthcare Science; Essentials of Healthcare
Credit Type: L1; Core or elective credit

Description: Provide fundamental surgical technician skills and knowledge to include the knowledge, skills, and attitudes necessary to succeed in the Surgical Technology profession; including safety, infection control, pharmacology, surgical equipment, perioperative procedures, instruments, and sterilization. Students will have the opportunity to explore careers in the operating room and the education required at each level.

Non-Invasive Diagnostic Technology

1 Unit

CIP #: 25.44500 Hall County #: 3614
Prerequisite: Introduction to Healthcare Science; Essentials of Healthcare
Credit Type: L1; Core or elective credit

Description: Course is designed to offer students the opportunity to explore and apply non-invasive diagnostic procedures in the field of cardiology, radiology and pulmonology. This course should pique the interest in students to seek certifications and further their education using the knowledge and practical application of non-invasive techniques in the area of cardiology, radiology and pulmonology.

Health Science Technology Work-Based Learning (WBL) Placement

.5 or 1 Unit

CIP #: 25.7114	Hall County #: 3661 (Year 1)	CIP #: 25.7214	Hall County #: 3665 (Year 2)
CIP #: 25.7114	Hall County #: 3662 (Year 1)	CIP #: 25.7214	Hall County #: 3666 (Year 2)
CIP #: 25.7124	Hall County #: 3663 (Year 1)	CIP #: 25.7224	Hall County #: 3667 (Year 2)
CIP #: 25.7124	Hall County #: 3664 (Year 1)	CIP #: 25.7224	Hall County #: 3668 (Year 2)
CIP #: 25.7114	Hall County #: 3661.7.H (Year 1) Honors^	CIP #: 25.7214	Hall County #: 3665.7.H (Year 2) Honors^
CIP #: 25.7114	Hall County #: 3662.7.H (Year 1) Honors^	CIP #: 25.7214	Hall County #: 3666.7.H (Year 2) Honors^
CIP #: 25.7114	Hall County #: 3661.7.HX (Year 1) Honors∞	CIP #: 25.7214	Hall County #: 3665.7.HX (Year 2) Honors∞
CIP #: 25.7114	Hall County #: 3662.7.HX (Year 1) Honors∞	CIP #: 25.7214	Hall County #: 3666.7.HX (Year 2) Honors∞

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

Description: Students develop transferable employability skills, awareness of the culture of the workplace, mastery of a set of learning objectives identified with a training plan between employer and student employee; 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.

Hospitality, Recreation & Tourism Pathway (L)

- Marketing Principles (#4205)
- Hospitality, Recreation & Tourism Essentials (#3702)
- Hospitality, Recreation/Tourism Management (#3706)

Culinary Arts Pathway* (L)

- Introduction to Culinary Arts (#3870)
- Culinary Arts I (#3871)
- Culinary Arts II (#3872)

** 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 #: 08.474

Hall County #: 4205

Prerequisite: None

Credit Type: L1; Core or elective credit

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

Hospitality, Recreation & Tourism Essentials

1 Unit

CIP #: 08.45300

Hall County #: 3702

Prerequisite: None

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

CIP #: 08.45400

Hall County #: 3706

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

Hall County #: 4255

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.

Hospitality Practicum

.5 or 1 Unit

CIP #: 08.7114

Hall County #: 3741 (Year 1)

CIP #: 08.7124

Hall County #: 3742 (Year 1)

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**

CIP #: 08.7114	Hall County #: 4261 (Year 1)	CIP #: 08.7214	Hall County #: 4265 (Year 2)
CIP #: 08.7114	Hall County #: 4262 (Year 1)	CIP #: 08.7214	Hall County #: 4266 (Year 2)
CIP #: 08.7124	Hall County #: 4263 (Year 1)	CIP #: 08.7224	Hall County #: 4267 (Year 2)
CIP #: 08.7124	Hall County #: 4264 (Year 1)	CIP #: 08.7224	Hall County #: 4268 (Year 2)
CIP #: 08.7114	Hall County #: 4261.7.H (Year 1) Honors^	CIP #: 08.7214	Hall County #: 4265.7.H (Year 2) Honors^
CIP #: 08.7114	Hall County #: 4262.7.H (Year 1) Honors^	CIP #: 08.7214	Hall County #: 4266.7.H (Year 2) Honors^
CIP #: 08.7114	Hall County #: 4261.7.HX (Year 1) Honors∞	CIP #: 08.7214	Hall County #: 4265.7.HX (Year 2) Honors∞
CIP #: 08.7114	Hall County #: 4262.7.HX (Year 1) Honors∞	CIP #: 08.7214	Hall County #: 4266.7.HX (Year 2) Honors∞

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

Credit Type: L1; Core or elective credit

Description: Students will develop transferable employability skills; an awareness of the culture of the workplace; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student employee; 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 Hall County #: 3870

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: Introduces fundamental food preparation terms, concepts, and methods where laboratory practice 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).*

Culinary Arts I**1 Unit**

CIP #: 20.53210 Hall County #: 3871

Prerequisite: Introduction to Culinary Arts

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).*

Culinary Arts II**1 Unit**

CIP #: 20.53310 Hall County #: 3872

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).*

Culinary Practicum**.5 or 1 Unit**

CIP #: 20.7114 Hall County #: 3891

CIP #: 20.7124 Hall County #: 3892

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).*

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

CIP #: 20.7114	Hall County #: 3881 (Year 1)	CIP #: 20.7214	Hall County #: 3885 (Year 2)
CIP #: 20.7114	Hall County #: 3882 (Year 1)	CIP #: 20.7214	Hall County #: 3886 (Year 2)
CIP #: 20.7124	Hall County #: 3883 (Year 1)	CIP #: 20.7224	Hall County #: 3887 (Year 2)
CIP #: 20.7124	Hall County #: 3884 (Year 1)	CIP #: 20.7224	Hall County #: 3888 (Year 2)
CIP #: 20.7114	Hall County #: 3881.0.H (Year 1)^		
CIP #: 20.7124	Hall County #: 3882.0.H (Year 1)^		
CIP #: 20.7114	Hall County #: 3881.0.HX (Year 1)∞		
CIP #: 20.7124	Hall County #: 3882.0.HX (Year 1)∞		

Prerequisite: Application process required and acceptance into the program

Credit Type: L1; Core or elective credit

Description: Provides work-site learning experiences for student interested in culinary arts careers. Students will develop transferable employability skills; an awareness of the culture of the workplace; mastery of a set of predetermined learning objectives identified with a

training plan between the employer and student employee; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.

HUMAN SERVICES

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

Personal Care Services-Cosmetology (L)

- Intro to Personal Care Services (# 3800)
- Cosmetology Services II (#3814)
- Cosmetology Services III (#3815)

Personal Care Services-Esthetics (L) – FY20

- Intro to Personal Care Services (#3800)
- Esthetic Services II (#3809)
- Esthetic Services III (#3810)

Food & Nutrition Pathway (F, N)

- Food, Nutrition & Wellness (#3875)
- Food for Life (#3821)
- Food Science (#3877)

Introduction to Personal Care Services

1 Unit

CIP #: 12.544 Hall County #: 3800

Prerequisite: None

Credit Type: L1; Core or elective credit

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

Cosmetology Services II

1 Unit

CIP #: 12.41000 Hall County #: 3814

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

Credit Type: L1; Core or elective credit

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

Cosmetology Services III

1 Unit

CIP #: 12.41100 Hall County #: 3815

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

Credit Type: L1; Core or elective credit

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

Cosmetology Services Core IV

1 Unit

CIP #: 12.549 Hall County #: 3803

Prerequisite: Cosmetology Services III

Credit Type: L1; Core or elective credit

Description: Provides in-depth competencies in chemical procedures, including permanent waving, chemical relaxing and hair coloring. *Course available only at Lanier College Career Academy (LCCA).*

Advanced Cosmetology Services

1 Unit

CIP #: 12.550 Hall County #: 3808

Prerequisite: Cosmetology Services III

Credit Type: L1; Core or elective credit

Description: Designed to enhance competencies in chemical hair processing techniques on the hair, specifically in permanent waving, chemical relaxing, and hair coloring techniques. *Course available only at Lanier College Career Academy (LCCA).*

Esthetic Services II

1 Unit

CIP #: 12.43000 Hall County #: 3809

Prerequisite: Introduction to Personal Care Services

Credit Type: L1; Core or elective credit

Description: Course provides technical skill proficiency, and includes competency-based applied learning that contributes to academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills. The content includes: communication, leadership, human relations and employability skills; safe and efficient work practices; Georgia State board law and rules; acquisition of knowledge in related chemistry; infection control, anatomy and physiology; art of make-up; and development of skill in performing basic massage and facial techniques. *Course available only at Lanier College Career Academy (LCCA).*

Esthetic Services III

1 Unit

CIP #: 12.43100 Hall County #: 3810
Prerequisite: Esthetic Services II
Credit Type: L1; Core or elective credit

Description: Course includes client consultation and preparation, basic skin care, basic electricity, facial treatment, hair removal, lash and brow tinting, and post consultation and homecare. *Course available only at Lanier College Career Academy (LCCA).*

Cosmetology Practicum I (Internship I)

1 Unit

CIP #: 12.551 Hall County #: 3811
Prerequisite: Cosmetology Services III
Credit Type: L1; Core or elective credit

Description: Provides experiences necessary for the development of skill levels required to become a cosmetologist. Topics include: chemical texturing, hair color and bleaching, skin, scalp, and hair treatments, styling, haircutting, manicuring and pedicuring. *Course available only at Lanier College Career Academy (LCCA).*

Cosmetology Practicum II (Internship II)

1 Unit

CIP #: 12.552 Hall County #: 3812
Prerequisite: Cosmetology Services III
Credit Type: L1; Core or elective credit

Description: Provides additional experiences necessary for the development of skill levels required to become a cosmetologist. Topics include: chemical texturing, hair color and bleaching, skin, scalp, and hair treatments, styling, haircutting, manicuring and pedicuring. *Course available only at Lanier College Career Academy (LCCA).*

Cosmetology Practicum III (Internship III)

1 Unit

CIP #: 12.553 Hall County #: 3813
Prerequisite: Cosmetology Services III
Credit Type: L1; Core or elective credit

Description: Provides additional experiences necessary for the development of skill levels required to become a cosmetologist. Topics include: reception duties; dispensary duties; hairdressing, shampoo and comb out; permanent waving; chemical relaxing; hair coloring and lightening; scalp and hair treatment; facial treatment, makeup and arching; and, manicuring and pedicuring. *Course available only at Lanier College Career Academy (LCCA).*

Personal Services Work-Based Learning (WBL) Placement

.5 or 1 Unit

CIP #: 12.7114 Hall County #: 3831 (Year 1) CIP #: 12.7214 Hall County #: 3833 (Year 2)
CIP #: 12.7124 Hall County #: 3832 (Year 1) CIP #: 12.7224 Hall County #: 3834 (Year 2)
Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; junior or senior; able to provide own transportation; & concurrently enrolled in a CTAE course or previously taken a CTAE course
Credit Type: L1; Core or elective credit

Description: Students develop transferable employability skills, awareness of the culture of the workplace, mastery of a set of learning objectives identified with a training plan between employer and student employee; 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 Hall County #: 3875
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 #: 20.414 Hall County #: 3821
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

Hall County #: 3877

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.

Human Services Work-Based Learning (WBL) Placement

.5 or 1 Unit

CIP #: 20.7114

Hall County #: 3861 (Year 1)

CIP #: 20.7214

Hall County #: 3865 (Year 2)

CIP #: 20.7114

Hall County #: 3862 (Year 1)

CIP #: 20.7214

Hall County #: 3866 (Year 2)

CIP #: 20.7124

Hall County #: 3863 (Year 1)

CIP #: 20.7224

Hall County #: 3867 (Year 2)

CIP #: 20.7124

Hall County #: 3864 (Year 1)

CIP #: 20.7224

Hall County #: 3868 (Year 2)

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

Credit Type: L1; Core or elective credit

Description: Students develop transferable employability skills, awareness of the culture of the workplace, mastery of a set of learning objectives identified with a training plan between employer and student employee; 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.

Web & Digital Design Pathway (F, N)

- Introduction to Digital Technology (#3916)
- Digital Design (#3918)
- Web Design (#3931)

Programming Pathway (C, CB, F)

- Introduction to Digital Technology (#3916)
- Computer Sci Prin (#3911) **OR** AP Comp Sci Prin (#3912)
- Programming, Games, Apps and Society (#3902)

Computer Science Pathway (C, CB, F, N)

- Introduction to Digital Technology (#3916)
- Computer Sci Prin (#3911) **OR** AP Comp Sci Prin (#3912)
- AP Computer Science A (#3948)

Game Design Pathway (CB, F, J)

- Introduction to Digital Technology (#3916)
- Computer Sci Prin (#3911) **OR** AP Comp Sci Prin (#3912)
- Game Design: Animation and Simulation (#3919)

Cybersecurity (CB)

- Introduction to Digital Technology (#3916)
- Introduction to Cybersecurity (#3960)
- Advanced Cybersecurity (#3963)

Web Development (CB)

- Introduction to Digital Technology (#3916)
- Computer Sci Prin (#3911) **OR** AP Comp Sci Prin (#3912)
- Web Development (#3934)

Introduction to Digital Technology

1 Unit

Introduction to Digital Technology (Honors)

CIP #: 11.415

Hall County #: 3916

Prerequisite: None

Credit Type: L1 or L2; Core or elective credit

Description: The foundational course and is designed for students to understand, communicate, & adapt to a digital world as it impacts their personal life, society, and the business world. Exposure to foundational knowledge in hardware, software, programming, web design, IT support, and networks are all taught in a computer lab with hands-on activities and project focused tasks. Students will not only understand the concepts, but apply their knowledge to situations and defend their actions/decisions/choices through the knowledge and skills acquired in this course. Employability skills are integrated into activities, tasks, and projects throughout the course standards to demonstrate the skills required by business and industry.

Digital Design

1 Unit

CIP #: 11.45100 Hall County #: 3918

Prerequisite: Introduction to Digital Technology

Credit Type: L1; Core or elective credit

Description: Using web design as the platform for product design and presentation, students will create and learn digital media applications using elements of text, graphics, animation, sound, video and digital imaging for various format. Emphasis will be placed on effective use of tools for interactive multimedia production including storyboarding, visual development, project management, digital citizenship, and web processes. Students will create and design web sites that incorporate digital media elements to enhance content of web site.

Web Design

1 Unit

CIP #: 11.45200 Hall County #: 3931

Prerequisite: Digital Design

Credit Type: L1; Core or elective credit

Description: Work with web page layout and graphical elements to create a professional looking web site. Various forms of technologies will be used to expose students to resources, software, and applications of web design. Professional communication skills and practices, problem-solving, ethical and legal issues, and the impact of effective presentation skills are enhanced in this course to prepare students to be college and career ready.

Computer Science Principles

1 Unit

CIP #: 11.471 Hall County #: 3911 (Honors)[∞]

CIP #: 11.471 Hall County #: 3911.0.H (Honors)[^]

Prerequisite: Introduction to Digital Technology; teacher recommendation

Credit Type: 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; 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 Hall County #: 3912

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; 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.

Programming, Games, Apps and Society

1 Unit

CIP #: 11.472 Hall County #: 3902 (Honors)[∞]

CIP #: 11.472 Hall County #: 3902.0.H (Honors)[^]

Prerequisite: Computer Science Principles

Credit Type: 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; two computer science courses from the same pathway will satisfy two years of sequenced foreign language courses for USG admissions.**

Description: Course is designed for students to strategize, design, and develop games and mobile and desktop applications that can be produced in the real world. Students will learn about life-cycles of project development and use models to develop applications. Attention will be placed on how user interfaces affect the usability and effectiveness of a game or an application.

Game Design: Animation and Simulation

1 Unit

CIP #: 11.429 Hall County #: 3919 (Honors)

Prerequisite: Computer Science Principles

Credit Type: 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; 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 #: 11.016 Hall County #: 3948

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; 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.

International Baccalaureate (IB) Computer Science, Year 1

1 Unit

CIP #: 11.017 Hall County #: 3301

Prerequisite: Approval of the school IB coordinator

Credit Type: L3; Core or elective credit; **course satisfies the fourth science requirement for students entering ninth grade in 2016 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: Requires an understanding of the fundamental concepts of computational thinking as well as knowledge of how computers and other digital devices operate. Demands a higher level of problem-solving skills and the ability to understand and manipulate abstract concepts. Although no previous knowledge of computer science is required, some exposure to programming is desirable.

Introduction to Cybersecurity

1 Unit

CIP #: 11.48100 Hall County #: 3960

Prerequisite: Introduction to Digital Technology

Credit Type: L1; Core or elective credit

Description: Designed to provide students the basic concepts and terminology of cybersecurity. Examines how the concept of security integrates into the importance of user involvement, security training, ethics, trust, application of cybersecurity practices and devices, and best practices management. The fundamental skills cover internal and external threats to network security and design, how to enforce network level security policies, how to protect an organization's information, and a broad range of other topics.

Advanced Cybersecurity

1 Unit

CIP #: 11.48200 Hall County #: 3963

Prerequisite: Introduction to Digital Technology

Credit Type: L1; Core or elective credit

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

Web Development

1 Unit

CIP #: 11.42500 Hall County #: 3934 (Honors)[∞]

CIP #: 11.42500 Hall County #: 3934.0.H (Honors)[^]

Prerequisite: Introduction to Digital Technology

Credit Type: 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; two computer science courses from the same pathway will satisfy two years of sequenced foreign language courses for USG admissions.**

Description: This course, with Hypertext Markup Language (HTML) and Cascading Style Sheet (CSS) as its foundation, will teach students to develop and design responsive web sites through coding, testing, debugging and implementation of web-based services. This course will also allow students to learn about content management systems, client side languages, server side languages, and database concepts. The course is designed to give students foundational knowledge of "front-end" and "back-end" development to address the presentation and data access layers of web site development.

Information Technology Work-Based Learning (WBL) Placement

.5 or 1 Unit

CIP #: 11.7114 Hall County #: 3941 (Year 1) CIP #: 11.7214 Hall County #: 3945 (Year 2)

CIP #: 11.7114 Hall County #: 3942 (Year 1) CIP #: 11.7214 Hall County #: 3946 (Year 2)

CIP #: 11.7124 Hall County #: 3943 (Year 1) CIP #: 11.7224 Hall County #: 3950 (Year 2)

CIP #: 11.7124 Hall County #: 3944 (Year 1) CIP #: 11.7224 Hall County #: 3951 (Year 2)

CIP #: 11.7114 Hall County #: 3941.0.H (Year 1)[^] CIP #: 11.7214 Hall County #: 3945.0.H (Year 2)[^]

CIP #: 11.7114	Hall County #: 3942.0.H (Year 1)^	CIP #: 11.7214	Hall County #: 3946.0.H (Year 2)^
CIP #: 11.7114	Hall County #: 3941.0.HX (Year 1) [∞]	CIP #: 11.7214	Hall County #: 3945.0.HX (Year 2) [∞]
CIP #: 11.7114	Hall County #: 3942.0.HX (Year 1) [∞]	CIP #: 11.7214	Hall County #: 3946.0.HX (Year 2) [∞]

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

Credit Type: L1; Core or elective credit

Description: Develops 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 Enforcement/Forensic Science Pathway (CB)

- Introduction to Law, Public Safety (#4002)
- Criminal Justice Essentials (#4003)
- Forensic Science and Criminal Investigations (#4006)

Security & Protective Services (CB)

- Introduction to Law, Public Safety (#4002)
- Criminal Justice Essentials (#4003)
- Security and Protective Services (#4008)

Introduction to Law, Public Safety, Corrections and Security

1 Unit

CIP #: 43.450 Hall County #: 4002

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: Examines the basic concepts of law related to citizens' rights and the responsibilities; instruction in critical skill areas including: communicating with diverse groups, conflict resolution, ethics, CERT (Citizens Emergency Response Training, or similar program), basic firefighting, report writing, terrorism, civil and criminal law. Career planning and employability skills will be emphasized.

Criminal Justice Essentials

1 Unit

CIP #: 43.41200 Hall County #: 4003

Prerequisite: Introduction to Law, Public Safety, Corrections and Security

Credit Type: L1; Core or elective credit

Description: Provides an overview of the criminal justice system. Starting with historical perspectives of the origin of the system, the course reviews the overall structure. Students will become immersed in criminal and constitutional law and will review basic law enforcement skills. The course ends with a mock trial to provide participants with a first-hand experience of the criminal justice system.

Forensic Science and Criminal Investigations

1 Unit

CIP #: 43.45200 Hall County #: 4006

Prerequisite: Introduction to Law, Public Safety, Corrections and Security

Credit Type: L1; Core or elective credit; **course satisfies the fourth science requirement for students entering ninth grade in 2016 and later and is recognized by the Board of Regents as such.**

Description: Designed to contextualize scientific principles within the career studies of students interested in criminal justice. Students will study the forensic application of principles of chemistry, biology, physics and other disciplines. Students will utilize chromatography, electrophoresis, microscopic observation, and other scientific techniques in their studies. Students will also learn some investigative techniques and crime scene investigation skills through the lens of the scientific method.

Security & Protective Services

1 Unit

CIP #: 43.45800 Hall County #: 4008

Prerequisite: Introduction to Law, Public Safety, Corrections and Security

Credit Type: L1; Core or elective credit

Description: Provides an analysis of the various careers in Security and Protective Services, including the history, procedures and objectives. Topics include: history and evolution of private security and private security services; regulatory and organizational guidelines; the impact of federal, state and local laws on security and protective services; public relations; strategies; supervision and management; intelligence analysis; and staffing.

Essentials of Fire & Emergency Services

1 Unit

CIP #: 43.460 Hall County #: 4010

Prerequisite: Introduction to Law, Public Safety, Corrections and Security

Credit Type: L1; Core or elective credit

Description: Addresses the essential components needed for fire and emergency services. Students will explore career options, interagency communications, medical services, and basic firefighting standards.

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

.5 or 1 Unit

CIP #: 43.7114	Hall County #: 4031 (Year 1)	CIP #: 43.7214	Hall County #: 4035 (Year 2)
CIP #: 43.7114	Hall County #: 4032 (Year 1)	CIP #: 43.7214	Hall County #: 4036 (Year 2)

CIP #: 43.7124 Hall County #: 4033 (Year 1) CIP #: 43.7224 Hall County #: 4037 (Year 2)
 CIP #: 43.7124 Hall County #: 4034 (Year 1) CIP #: 43.7224 Hall County #: 4038 (Year 2)
 Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; junior or senior; able to provide own transportation; & concurrently enrolled in a CTAE course or previously taken a CTAE course
 Credit Type: L1; Core or elective credit

Description: Develops 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 (N)

- Industry Fund & Occupational Safety (#3135)
- Introduction to Metals (#4125)
- Machining Operations I (#4105)

Welding Pathway (CB, F, N)

- Industry Fund & Occupational Safety (#3135)
- Introduction to Metals (#4125)
- Welding I (#4100)

Sheet Metal Pathway (CB, F)

- Industry Fund & Occupational Safety (#3135)
- Introduction to Metals (#4125)
- Sheet Metal I (#4127)

Industry Fundamentals & Occupational Safety

1 Unit

CIP #: 46.545 Hall County #: 3135
 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 #: 48.581 Hall County #: 4125
 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 #: 48.590 Hall County #: 4105
 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 #: 48.551 Hall County #: 4100
 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.

Sheet Metal I

1 Unit

CIP #: 48.582 Hall County #: 4127
 Prerequisite: Introduction to Metals
 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

CIP #: 08.44200 Hall County #: 4224
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.

Promotion & Professional Sales

1 Unit

CIP #: 08.45100 Hall County #: 4246
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.

Marketing Communications Essentials

1 Unit

CIP #: 08.45200 Hall County #: 4248
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

CIP #: 08.480 Hall County #: 4255
CIP #: 08.480 Hall County #: 4256 (Honors)
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.

Design & Business Management Practicum

1 Unit

CIP #: 08.7114 Hall County #: 4281
CIP #: 08.7124 Hall County #: 4282
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 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. Students will be challenged and empowered to manage and grow the Design 360 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).*

Digital High Work-Based Learning (WBL) Placement

.5 or 1 Unit

CIP #: 08.7114	Hall County #: 4270 (Year 1)	CIP #: 08.7214	Hall County #: 4274 (Year 2)
CIP #: 08.7114	Hall County #: 4271 (Year 1)	CIP #: 08.7214	Hall County #: 4275 (Year 2)
CIP #: 08.7124	Hall County #: 4270.0.H (Year 1 Honors)^	CIP #: 08.7224	Hall County #: 4274.0.H^ (Year 2 Honors)
CIP #: 08.7124	Hall County #: 4271.0.H (Year 1 Honors)^	CIP #: 08.7224	Hall County #: 4275.0.H^ (Year 2 Honors)
CIP #: 08.7124	Hall County #: 4272 [∞] (Year 1 Honors) [∞]	CIP #: 08.7124	Hall County #: 4276 [∞] (Year 2 Honors)
CIP #: 08.7124	Hall County #: 4273 [∞] (Year 1 Honors) [∞]	CIP #: 08.7124	Hall County #: 4277 [∞] (Year 2 Honors)

Prerequisite: Application process required and acceptance into the program; teacher recommendation for honors
Credit Type: L1 or L2; Core or elective credit

Description: Provides work-site learning experiences for student interested in careers utilizing digital media for promotions and marketing. Students also gain general business and customer service skills with rotations through prominent departments in the media

and promotions industry; mastery of a set of predetermined learning objectives identified with a training plan and training agreement evaluated by the employer and the instructor. Involves businesses, schools and community organizations working together to provide juniors and seniors with an education rich in both rigorous academics and practical work-related experiences – teaching them the tasks, skills and responsibilities associated with today’s workplace. Today’s high-skilled job market demands that all high school graduates – whatever their career destinations – have advanced academic knowledge and workplace skills. The WBL honors program will culminate their internship experiences, research on industry trends and projects in a visual format by creating and maintaining an industry recognized e-portfolio. E-portfolios will provide hands-on learning opportunities and to help students successfully make the transition from high school to college and from college into the workplace.

Introduction to Sports & Entertainment Marketing

1 Unit

CIP #: 08.478 Hall County #: 4250

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: Focuses on the major segments of the Sports and Entertainment Industry and the social and economic impact it has on the local, state, national, and global economies. The products and services offered to consumers and the impact of marketing on these products and services are examined. Units include: Business Fundamentals, Product Mix, Product Knowledge, Product/Service Management, Business Regulations, Interpersonal Skills, Selling, Marketing-Information Management, Economics, Distribution, Pricing, Advertising, Publicity/Public Relations, Sales Promotion, Business Risks, and Organization.

Advanced Sports & Entertainment Marketing

1 Unit

CIP #: 08.485 Hall County #: 4251

Prerequisite: Introduction to Sports & Entertainment Marketing

Credit Type: L1; Core or elective credit

Description: Focuses on developing managerial and analytical skills and deepening knowledge in sports/entertainment marketing. Topical units include: Marketing-Information Management, Selling, Publicity/Public Relations, Sales Promotion, Management of Promotion, Product Mix, Pricing, Positioning, and Marketing Planning.

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

.5 or 1 Unit

CIP #: 08.7114	Hall County #: 4261 (Year 1)	CIP #: 08.7214	Hall County #: 4265 (Year 2)
CIP #: 08.7114	Hall County #: 4262 (Year 1)	CIP #: 08.7214	Hall County #: 4266 (Year 2)
CIP #: 08.7124	Hall County #: 4263 (Year 1)	CIP #: 08.7224	Hall County #: 4267 (Year 2)
CIP #: 08.7124	Hall County #: 4264 (Year 1)	CIP #: 08.7224	Hall County #: 4268 (Year 2)
CIP #: 08.7114	Hall County #: 4261.7.H (Year 1) Honors^	CIP #: 08.7214	Hall County #: 4265.7.H (Year 2) Honors^
CIP #: 08.7114	Hall County #: 4262.7.H (Year 1) Honors^	CIP #: 08.7214	Hall County #: 4266.7.H (Year 2) Honors^
CIP #: 08.7114	Hall County #: 4261.7.HX (Year 1) Honors∞	CIP #: 08.7214	Hall County #: 4265.7.HX (Year 2) Honors∞
CIP #: 08.7114	Hall County #: 4262.7.HX (Year 1) Honors∞	CIP #: 08.7214	Hall County #: 4266.7.HX (Year 2) Honors∞

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

Credit Type: L1 or L2; Core or elective credit

Description: Students will develop transferable employability skills; an awareness of the culture of the workplace; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student employee; 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 Drafting & Design Pathway (CB, F)

- Intro to Drafting & Design (#4400)
- Survey of Engineering Graphics (#4405)
- 3D Modeling and Analysis (#4410)

Engineering and Technology Pathway (CB, F, N)

- Foundations of Engineering/Technology (#4431)
- Engineering Concepts (#4446)
- Engineering Applications (#4451)

Introduction to Drafting & Design

1 Unit

CIP #: 48.541 Hall County #: 4400

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: Introduces the engineering drawing and design field, and is a pre-requisite to all other courses in the Engineering Design and Drawing program. Emphasis is placed on safety, the correct use of tools and equipment, drafting media, sketching, lettering, alphabet of lines, geometric construction, and fundamentals of CAD and multi-view drawings. Students learn traditional drafting techniques through the study of geometric construction at which time they are introduced to computer aided drafting and design.

Survey of Engineering Graphics**1 Unit**

CIP #: 48.542 Hall County #: 4405

Prerequisite: Introduction to Drafting & Design

Credit Type: L1; Core or elective credit

Description: Enhances the student's knowledge and skills in the engineering drawing and design field. The student learns to illustrate more complex objects using the Computer-Aided Drafting (CAD) system and develop skills in dimensioning, tolerancing, pictorials, sections, auxiliary views, and intersection and developments. While the term computer-aided design (CAD) does not appear in each competency, CAD tools and software are used extensively throughout the course.

3D Modeling & Analysis**1 Unit**

CIP #: 48.543 Hall County #: 4410

Prerequisite: Introduction to Drafting & Design

Credit Type: L1; Core or elective credit

Description: Focuses on engineering and related mechanical drafting areas that provide more in-depth study of mechanical design. Emphasis is placed on 3-D drawings, wireframes, rendering, solid modeling, and graphic presentations. The student who successfully completes this and other drafting courses should be prepared to take the Drafter Certification Examination from the American Design Drafting Association (ADDA) and should qualify for advanced standing in drafting and design programs in Georgia's technical colleges.

Foundations of Engineering and Technology**1 Unit**CIP #: 21.425 Hall County #: 4431 (Honors)[∞]CIP #: 21.425 Hall County #: 4431.0.H (Honors)[^]

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

Credit Type: 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**CIP #: 21.471 Hall County #: 4446 (Honors)[∞]CIP #: 21.471 Hall County #: 4446.0.H (Honors)[^]

Prerequisite: Foundations of Engineering and Technology

Credit Type: 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**CIP #: 21.472 Hall County #: 4451 (Honors)[∞]CIP #: 21.472 Hall County #: 4451.0.H (Honors)[^]

Prerequisite: Foundations of Engineering and Technology

Credit Type: 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.

Science, Technology, Engineering & Mathematics Work-Based Learning (WBL) Placement**.5 or 1 Unit**

CIP #: 21.7114 Hall County #: 4461 (Year 1)

CIP #: 21.7214 Hall County #: 4465 (Year 2)

CIP #: 21.7114 Hall County #: 4462 (Year 1)

CIP #: 21.7214 Hall County #: 4466 (Year 2)

CIP #: 21.7124 Hall County #: 4463 (Year 1)

CIP #: 21.7224 Hall County #: 4467 (Year 2)

CIP #: 21.7124 Hall County #: 4464 (Year 1)

CIP #: 21.7224 Hall County #: 4468 (Year 2)

CIP #: 21.7114 Hall County #: 4461.7.H (Year 1) Honors[^]CIP #: 21.7214 Hall County #: 4465.7.H (Year 2) Honors[^]CIP #: 21.7114 Hall County #: 4462.7.H (Year 1) Honors[^]CIP #: 21.7214 Hall County #: 4466.7.H (Year 2) Honors[^]CIP #: 21.7114 Hall County #: 4461.7.HX (Year 1) Honors[∞]CIP #: 21.7214 Hall County #: 4465.7.HX (Year 2) Honors[∞]CIP #: 21.7114 Hall County #: 4462.7.HX (Year 1) Honors[∞]CIP #: 21.7214 Hall County #: 4466.7.HX (Year 2) Honors[∞]

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

Credit Type: L1 or L2; Core or elective credit

Description: Students develop transferable employability skills, an awareness of workplace culture, and master predetermined learning objectives identified by the employer and student employee; 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**

CIP #: 48.7114	Hall County #: 4151 (Year 1)	CIP #: 48.7214	Hall County #: 4155 (Year 2)
CIP #: 48.7114	Hall County #: 4152 (Year 1)	CIP #: 48.7214	Hall County #: 4156 (Year 2)
CIP #: 48.7124	Hall County #: 4153 (Year 1)	CIP #: 48.7224	Hall County #: 4157 (Year 2)
CIP #: 48.7124	Hall County #: 4154 (Year 1)	CIP #: 48.7224	Hall County #: 4158 (Year 2)
CIP #: 48.7114	Hall County #: 4151.0.H (Year 1)^	CIP #: 48.7214	Hall County #: 4155.0.H (Year 2)^
CIP #: 48.7114	Hall County #: 4152.0.H (Year 1)^	CIP #: 48.7214	Hall County #: 4156.0.H (Year 2)^
CIP #: 48.7114	Hall County #: 4151.0.HX (Year 1)∞	CIP #: 48.7214	Hall County #: 4155.0.HX (Year 2)∞
CIP #: 48.7114	Hall County #: 4152.0.HX (Year 1)∞	CIP #: 48.7214	Hall County #: 4156.0.HX (Year 2)∞

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

Credit Type: L1; Core or elective credit

Description: Students will develop transferable employability skills; an awareness of the culture of the workplace; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student employee; 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.

Automobile Maintenance & Light Repair Pathway (E)

- Basic Maintenance & Light Repair (#4501)
- Maintenance & Light Repair 2 (#4502)
- Maintenance & Light Repair 3 (#4503)

Basic Maintenance & Light Repair**1 Unit**

CIP #: 47.53110 Hall County #: 4501

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: Students will learn the basic skills needed to gain employment as a maintenance and light repair technician. Students will be exposed to courses in automotive preventative maintenance and servicing and replacing brakes, and steering and suspension components. In addition, student will learn how to do general electrical system diagnosis, learn electrical theory, perform basic tests and determine necessary action. In addition, students will learn how to evacuate and recharge air-conditioning systems using the proper refrigerant.

Maintenance and Light Repair 2**1 Unit**

CIP #: 47.53210 Hall County #: 4502

Prerequisite: Basic Maintenance & Light Repair

Credit Type: L1; Core or elective credit

Description: Students will learn the basic skills needed to gain employment as a maintenance and light repair technician and will expose students to automotive preventative maintenance and servicing, as well as replacing brakes, and steering and suspension components. Students will also learn general electrical system diagnosis, electrical theory, basic test requirements, and determining necessary action. In addition, students will learn how to evacuate and recharge air-conditioning systems using the proper refrigerant.

Maintenance and Light Repair 3**1 Unit**

CIP #: 47.53310 Hall County #: 4503

Prerequisite: Maintenance & Light Repair 2

Credit Type: L1; Core or elective credit

Description: Students will learn the basic skills needed to gain employment as a maintenance and light repair technician and will expose student to automotive preventative maintenance and servicing, replacing brakes, as well as steering and suspension components. Students will learn about general electrical system diagnosis, electrical theory, basic tests that are required, and determine the necessary action. In addition, students will learn how to evacuate and recharge air-conditioning systems using the proper refrigerant.

Transportation, Distribution & Logistics Work-Based Learning (WBL) Placement**.5 or 1 Unit**

CIP #: 47.7114	Hall County #: 4521 (Year 1)	CIP #: 47.7214	Hall County #: 4525 (Year 2)
CIP #: 47.7114	Hall County #: 4522 (Year 1)	CIP #: 47.7214	Hall County #: 4526 (Year 2)
CIP #: 47.7124	Hall County #: 4523 (Year 1)	CIP #: 47.7224	Hall County #: 4527 (Year 2)
CIP #: 47.7124	Hall County #: 4524 (Year 1)	CIP #: 47.7224	Hall County #: 4528 (Year 2)

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

Credit Type: L1; Core or elective credit

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

CAREER EXPLORATION

Jobs for Georgia Graduates Work Ethics I

1 Unit

CIP #: 32.04100 Hall County #: 3455
Prerequisite: Approval of JGG Coordinator
Credit Type: L1; Elective credit only

Description: A specialized program for targeted youth, the classroom instruction includes life skills, training, remediation, career exploration, decision making and goal setting. During the summer months, summer school and special activities are planned for each student.

Jobs for Georgia Graduates Work Ethics II

1 Unit

CIP #: 32.04200 Hall County #: 3456
Prerequisite: Approval of JGG Coordinator
Credit Type: L1; Elective credit only

Description: A specialized program for targeted youth, the classroom instruction includes detailed career planning, self-awareness, team building, remediation, job shadowing and career selection.

Jobs for Georgia Graduates Work Ethics III

1 Unit

CIP #: 32.04300 Hall County #: 3457
Prerequisite: Approval of JGG Coordinator
Credit Type: L1; Elective credit only

Description: A specialized program for targeted youth, the classroom instruction includes job attainment skills, money management, values clarification, remediation, and social development.

Jobs for Georgia Graduates Work Ethics IV

1 Unit

CIP #: 32.04400 Hall County #: 3458
Prerequisite: Approval of JGG Coordinator
Credit Type: L1; Elective credit only

Description: A specialized program for targeted youth, the classroom instruction includes workplace competencies, job survival training, resume writing, communication skills, economic empowerment and remediation.

PERSONAL, INTERPERSONAL, & SOCIAL SKILLS

IB Personal and Professional Skills, Year 1

.5 or 1 Unit

IB Personal and Professional Skills, Year 2

CIP #: 35.08800 Hall County #: 1737[∞]
CIP #: 35.08800 Hall County #: 1737.x.M[^]
CIP #: 35.08900 Hall County #: 1738[∞]
CIP #: 35.08900 Hall County #: 1738.x.M[^]
Prerequisite: Approval of IBCP Coordinator
Credit Type: L3; Elective credit only

Description: The IB Approaches to Learning course emphasizes thinking, intercultural understanding, communication, and personal development. The course is designed to introduce students to life skills and to help students operate in a variety of contexts, including communities, technologies, environments, and ultimately the workplace. The approaches to learning course aims to develop personal qualities and values as exemplified in the IB learner profile.

SAT Preparation

.5 or 1 Unit

CIP #: 35.066 Hall County #: 1749
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 Hall County #: 1734
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 Hall County #: 1730
Prerequisite: Approval of the school Instructional Coordinator
Credit Type: L1; Elective credit

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

International Baccalaureate (IB) Theory of Knowledge (TOK)

.5 or 1 Unit

CIP #: 35.07100 Hall County #: 1735 (Year 1)[∞]
CIP #: 35.07100 Hall County #: 1735.x.M (Year 1)[^]
CIP #: 35.07200 Hall County #: 1736 (Year 2)[∞]
CIP #: 35.07200 Hall County #: 1736.x.M (Year 2)[^]
Prerequisite: Approval of the school IB Coordinator
Credit Type: L3; Core or elective credit

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

Advanced Placement Seminar

1 Unit

CIP #: 35.09000 Hall County #: 1732[∞]
CIP #: 35.09000 Hall County #: 1732.x.M[^]
Prerequisite: Approval of school AP Coordinator
Credit Type: L3; Elective credit

Description: AP Seminar is a foundational course that aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments. Using an inquiry framework of questioning, understanding, evaluating, synthesizing, and transforming, students analyze a variety of texts, speeches, artistic expressions, and personal accounts. Students complete a team project and presentation; a research-based essay, and a written AP exam.

Advanced Placement Research

1 Unit

CIP #: 35.09100 Hall County #: 1733[∞]
CIP #: 35.09100 Hall County #: 1733.x.M[^]
Prerequisite: Approval of school AP Coordinator
Credit Type: L3; 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.

Peer Facilitation I – IV

.5 or 1 Unit

CIP #: 35.04100 Hall County #: 1741
CIP #: 35.04200 Hall County #: 1742
CIP #: 35.04300 Hall County #: 1743
CIP #: 35.04400 Hall County #: 1744
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 Hall County #: 1740 (I)
CIP #: 35.05200 Hall County #: 1720 (II)
CIP #: 35.05300 Hall County #: 1721 (III)
CIP #: 35.05400 Hall County #: 1722 (IV)
Prerequisite: Courses must be taken in sequence
Credit Type: L1; Elective credit only

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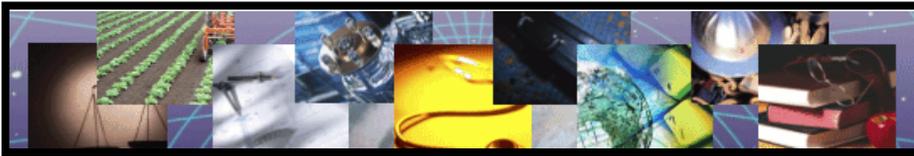


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