The Hall County School District is committed to ensuring that all students graduate both college and career ready.
<table>
<thead>
<tr>
<th>Program of Choice</th>
<th>Career Technology Programs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CHEROKEE BLUFF</strong> <strong>HIGH SCHOOL</strong></td>
<td>LEGACY Program</td>
</tr>
<tr>
<td><strong>JOHNSON HIGH SCHOOL</strong></td>
<td>Johnson International Scholars Academy (JISA) and International Baccalaureate (IB) Diploma Program</td>
</tr>
<tr>
<td><strong>CHESTEE HIGH SCHOOL</strong></td>
<td>Criminal Justice with Forensics, Engineering, Health Science, Information Technology, Marketing, Metals Technology</td>
</tr>
<tr>
<td><strong>LANIER COLLEGE CAREER ACADEMY</strong></td>
<td>Audio-Video Technology, Business, Construction, Education &amp; Training, Family Consumer Science, Graphic Arts, Health Science, Information Technology</td>
</tr>
<tr>
<td><strong>EAST HALL HIGH SCHOOL</strong></td>
<td>Renaissance Academy for Creative Enterprises (RACE) and the AP Capstone Program</td>
</tr>
<tr>
<td><strong>LANIER COLLEGE CAREER ACADEMY</strong></td>
<td>Part-time CTAE Pathways, Full-time Specialized Work-Ready Programs of Choice and Dual Enrollment Opportunities</td>
</tr>
<tr>
<td><strong>FLOWERY BRANCH HIGH SCHOOL</strong></td>
<td>Endless Possibilities in Creativity and Collaboration (EPiCC) Academy and Navy Junior ROTC Program</td>
</tr>
<tr>
<td><strong>FLOWERY BRANCH HIGH SCHOOL</strong></td>
<td>Agriculture/Horticulture, Business, Graphic Arts, Health Science, Navy ROTC, Transportation</td>
</tr>
<tr>
<td><strong>FLOWERY BRANCH HIGH SCHOOL</strong></td>
<td>STEAM (Science, Technology, Engineering, Arts and Mathematics) Academy</td>
</tr>
<tr>
<td><strong>FLOWERY BRANCH HIGH SCHOOL</strong></td>
<td>Business, Education &amp; Training, Engineering, Family Consumer Science, Graphic Arts, Health Science, Information Technology, Marketing, Metals Technology</td>
</tr>
<tr>
<td><strong>FLOWERY BRANCH HIGH SCHOOL</strong></td>
<td>Innovation Institute (i2), World Scholars and International Baccalaureate (IB) Diploma Program</td>
</tr>
<tr>
<td><strong>FLOWERY BRANCH HIGH SCHOOL</strong></td>
<td>Audio-Video Technology, Business, Construction, Education &amp; Training, Graphic Arts, Health Science, Marketing</td>
</tr>
</tbody>
</table>
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.
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.

<table>
<thead>
<tr>
<th>Graduation Requirements</th>
<th>Students Entering High School in August 2012 or Later</th>
</tr>
</thead>
</table>
| **English/Language Arts** | 4 units  
Must include  
9th 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) |
| **Career, Technical and Agriculture Education (CTAE)** | 4 Units |
| **Fine Arts, CTAE, and/or Modern Languages** | 4 Units |
| **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.

*Required courses for graduation

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

<table>
<thead>
<tr>
<th>Language Arts – 4 units</th>
<th>Social Studies – 3 units</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th Grade Literature and Composition*</td>
<td>World History*</td>
</tr>
<tr>
<td>American Literature/Composition*</td>
<td>US History*</td>
</tr>
<tr>
<td>Multicultural Literature/World Literature/British Literature</td>
<td>American Government (1/2 unit)*</td>
</tr>
<tr>
<td>AP/IB/DE ELA courses</td>
<td>Economics (1/2 unit)*</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mathematics – 4 units</th>
<th>Health and Physical Education – 1 unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coordinate Algebra*</td>
<td>Personal Fitness (1/2 unit) and</td>
</tr>
<tr>
<td>Analytic Geometry*</td>
<td>Health (1/2 unit) or JROTC (3 units)</td>
</tr>
<tr>
<td>Advanced Algebra</td>
<td></td>
</tr>
<tr>
<td>PreCalculus/Calculus/Advanced Mathematical Decision Making/Statistics/AP/IB/DE Courses</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Science – 4 units</th>
<th>CTAE, Fine Arts, Modern Language – 3 units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>Any CTAE, Fine Arts or Modern Language courses may be selected</td>
</tr>
<tr>
<td>Physical Science or Physics</td>
<td>CTAE – Career Technical &amp; Agricultural Education</td>
</tr>
<tr>
<td>Chemistry, Earth Systems or Environmental Science</td>
<td></td>
</tr>
<tr>
<td>Other Physical or Life Science Courses Or AP/IB/DE Courses</td>
<td></td>
</tr>
</tbody>
</table>

| Additional Required Electives – 4 units | |
|-----------------------------------------| |
| Any combination of courses may be selected | |
Hall County Schools
TENTATIVE SIX-YEAR PLAN OF STUDY FOR STUDENTS
Entering High School in 2012 or Later

Student ________________________________________________________    Student Number _________________________________________________________________

Teacher/Advisor _________________________________________________   Academic &/or Career/Technical Education Pathway ____________________________________

Student Signature _______________________________________ _________   Date Plan Completed ______________________________________________________________

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

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Credits Required</td>
<td>4 units – must include 9th Grade Literature &amp; American Literature</td>
<td>4 units – must include Coordinate Algebra, Analytic Geometry, Advanced Algebra plus one additional GSE/AP/IB/DE course</td>
<td>4 units – must include Physical Science or Physics, Biology, Chemistry, Earth Systems, Environmental Science or AP/IB/DE courses</td>
<td>3 units – must include World History, US History, Economics &amp; Government</td>
<td>1 unit – must include ½ unit of Health and ½ unit of Personal Fitness</td>
<td>3 units – any combination; two units of Modern Language required for post-secondary institutions</td>
<td>4 units</td>
<td>23 Units</td>
</tr>
</tbody>
</table>

MY CHOICES

<table>
<thead>
<tr>
<th>8th Grade</th>
<th>For promotion to 10th grade: 6 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELA ______</td>
<td>MA ______</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>9th Grade</th>
<th>For promotion to 10th grade: 6 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELA ______</td>
<td>MA ______</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>10th Grade</th>
<th>For promotion to 11th grade: 12 credits*</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELA ______</td>
<td>MA ______</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>11th Grade</th>
<th>For promotion to 12th grade: 18 credits**</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELA ______</td>
<td>MA ______</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>12th Grade</th>
<th>23 credits required in order to receive a high school diploma (refer to chart above)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELA ______</td>
<td>MA ______</td>
</tr>
</tbody>
</table>

Post-Secondary |
Record courses taken and earned through Dual Enrollment.

ELA ______ | MA ______ | SC ______ | HPE ______ | CTAE ______ | or ______ | FA ______ | or ______ | ML ______ |
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**

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

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.
Hall County Schools
2019-2020 Pathway Offerings

Agriculture, Food & Natural Resources
- Agriculture Leadership in Animal Production (E, N)
  - #3015 Basic Agricultural Science and Technology
  - #3064 Animal Science/Biotechnology
  - #3083 Veterinary Science
  - 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/Biotechnology
  - #3083 Veterinary Science
  - Capstone Experience: WBL Internship

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

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

Vocational Pathways
- Pathway requirements include work-based learning (WBL) internships and industry credentials.

ARTS, A/V TECHNOLOGY & COMMUNICATIONS
- Audio-Video Technology/Film I Pathway (C, J, W)
  - #3100 Audio-Video Technology Film I
  - Capstone Experience: WBL Internship

Audio-Video Technology & Film II Pathway (C, J, W)
- #3205 Audio-Video Technology Film I
  - #3325 Graphic Design and Production
  - #3344 Adv Graphic Output Processes
  - Capstone Experience: WBL Internship

Graphic Design Pathway (C, E, F, J, W)
- #3320 Introduction to Graphics and Design
  - #3325 Graphic Design and Production
  - #3345 Advanced Graphic Design
  - Capstone Experience: WBL Internship

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

BUSINESS, MANAGEMENT & ADMINISTRATION
- Business & Technology Pathway (C, E, F, J, W)
  - #3306 Intro to Business and Technology
  - #3336 Entrepreneurship
  - Capstone Experience: WBL Internship

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

EDUCATION & TRAINING
- Early Childhood Education Pathway (F, J, N)
  - #3346 Early Childhood Education I
  - #3844 Early Childhood Education II
  - Capstone Experience: WBL Internship

Teaching As A Profession Pathway (C, N, W)
- #3301 Externship
  - #3506 Contemporary Issues in Education
  - #3515 Teaching 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)
  - #3600/3604 Introduction to Healthcare Science
  - #3602/3612 Essentials of Healthcare
  - #3653/3654 Allied Health & Medicine
  - Capstone Experience: WBL Internship

Biotechnology Research & Development (N)
- #3600/3604 Introduction to Healthcare Science
  - #3684/3685 Essentials of Biotechnology
  - Capstone Experience: WBL Internship

Diagnosics/Non-Invasive Technology (N)
- #3600/3604 Introduction to Healthcare Science
  - #3602/3612 Essentials of Healthcare
  - #3614 Non-Invasive Diagnostic Technology
  - 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 Practice (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)
- #3600/3604 Introduction to Healthcare Science
  - #3602/3612 Essentials of Healthcare
  - #3613 Surgical Technician I
  - Capstone Experience: WBL Internship

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.

* Honors pathway available.

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

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.

CHARACTER     COMPETENCY     RIGOR     -     FOR ALL

2019-2020 Pathway Offerings
Hall County Schools
2019-2020 Pathway Offerings

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)
  - #3875 Food Science
  - #3876 Hospitality, Recreation & Tourism Management
  - Capstone Experience: WBL Internship
- **Personal Care Services-Cosmetology Pathway** (L)
  - #3840 Personal Care Services
  - #3841 Cosmetology Serv II
  - #3842 Cosmetology Serv III
  - Capstone Experience: WBL Internship

### INFORMATION TECHNOLOGY
- **Game Design Pathway** (C, F, J)
  - #3916 Introduction to Digital Technology
  - #3917 Comp Sci Prin OR #3912 AP Comp Sci Prin
  - #3918 Game Design: Animation and Simulation
  - Capstone Experience: WBL Internship
- **Programming Pathway** (C, F, J)
  - #3916 Introduction to Digital Technology
  - #3917 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

### MANUFACTURING
- **Welding Pathway** (C, F, N)
  - #3135 Occupational Safety and Fundamentals
  - #4125 Introduction to Metals
  - #4193 Welding I
  - Capstone Experience: WBL Internship

### MARKETING
- **Marketing & Management Pathway** (C, F, W)
  - #4205 Marketing Principles
  - #4222 Marketing & Entrepreneurship
  - #4224 Marketing & Management
  - Capstone Experience: WBL Internship
- **Marketing Comm & Promotions Pathway** (F, N)
  - #4205 Marketing Principles
  - #4226 Promotion and Professional Sales
  - #4248 Marketing Communications Essentials
  - Capstone Experience: WBL Internship

### MANUFACTURING
- **Automobile Maintenance & Light Repair** (E)
  - #4501 Basic Maintenance & Light Repair
  - #4502 Maintenance & Light Repair II
  - #4503 Maintenance & Light Repair III
  - Capstone Experience: WBL Internship

### LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY
- **Law Enforcement Services/Forensic Science** (CB)
  - #4402 Intro to Law/Public Safety/Corrections/Security
  - #4403 Criminal Justice Essentials
  - #4406 Forensic Science & Criminal Investigations
  - Capstone Experience: WBL Internship
- **Security & Protective Services Pathway** (CB)
  - #4402 Intro to Law/Public Safety/Corrections/Security
  - #4403 Criminal Justice Essentials
  - #4408 Security and Protective Services
  - Capstone Experience: WBL Internship

### SCIENCE, TECH, ENGINEERING & MATHEMATICS
- **Engineering & Technology Pathway** (C, F, N)
  - #4431 Foundations of Engineering/Technology
  - #4446 Engineering Concepts
  - #4451 Engineering Applications
  - #4445 Engineering Applications
  - Capstone Experience: WBL Internship
- **Engineering Drafting & Design Pathway** (C, 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

### PATHWAY REQUIREMENTS
- To fulfill the state pathway requirements, students must complete the three courses shown in the pathway and Pass the OCPA (end-of-pathway assessment) where available. If successful, students will earn an industry credential.
- Honors pathway available.

### 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

### 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.

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

Begin TODAY planning for TOMORROW!
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
CIP #: 23.06800
Hall County #: 1165 (Year 1)
CIP #: 23.06800
Hall County #: 1165.x.M (Year 1)
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
CIP #: 23.06120
Hall County #: 1167 (Year 1)
CIP #: 23.06120
Hall County #: 1167.x.M (Year 1)
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.
Advanced Composition  .5 or 1 Unit
CIP #: 23.03400  Hall County #: 1163
CIP #: 23.03400  Hall County #: 1163.x.M
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**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Hall County #</th>
</tr>
</thead>
<tbody>
<tr>
<td>23.08100</td>
<td>1180</td>
</tr>
</tbody>
</table>

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**  

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Hall County #</th>
</tr>
</thead>
<tbody>
<tr>
<td>23.09100</td>
<td>1104</td>
</tr>
<tr>
<td>23.09200</td>
<td>1105</td>
</tr>
<tr>
<td>23.09300</td>
<td>1106</td>
</tr>
<tr>
<td>23.09400</td>
<td>1107</td>
</tr>
<tr>
<td>23.09500</td>
<td>1108</td>
</tr>
<tr>
<td>23.09600</td>
<td>1109</td>
</tr>
</tbody>
</table>

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)**  

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Hall County #</th>
</tr>
</thead>
<tbody>
<tr>
<td>55.02400</td>
<td>1752</td>
</tr>
</tbody>
</table>

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)**  

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Hall County #</th>
</tr>
</thead>
<tbody>
<tr>
<td>55.02300</td>
<td>1753</td>
</tr>
</tbody>
</table>

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)**  

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Hall County #</th>
</tr>
</thead>
<tbody>
<tr>
<td>55.02500</td>
<td>1754</td>
</tr>
</tbody>
</table>

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**  

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Hall County #</th>
</tr>
</thead>
<tbody>
<tr>
<td>55.02700</td>
<td>1784</td>
</tr>
</tbody>
</table>

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**  

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Hall County #</th>
</tr>
</thead>
<tbody>
<tr>
<td>23.08300</td>
<td>1001</td>
</tr>
<tr>
<td>23.08400</td>
<td>1002</td>
</tr>
<tr>
<td>23.08500</td>
<td>1003</td>
</tr>
</tbody>
</table>

.5 or 1 Unit
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 #: 23.7114  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 1 Unit

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 course focuses 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  1 Unit
Earth Systems (Honors)

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 enrolling 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 (Honors)  1 Unit
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 (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 hypotetical crimes, and will use the scientific process to solve fictional crimes.

Human Anatomy and Physiology (Honors)  1 Unit

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 archeabacteria, 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
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
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 resting 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
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
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
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.
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

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

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

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

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

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)
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  
CIP #: 45.03100  
Prerequisite: None  
Credit Type: L1; Elective credit  

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

Individual and the Law  
CIP #: 45.05600  
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  
CIP #: 45.05900  
Prerequisite: Teacher recommendation  
Credit Type: L1; Elective credit  

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

Comparative Religions  
CIP #: 45.01100  
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  
CIP #: 45.08120  
Prerequisite: None  
Credit Type: L1; Elective credit  

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

Personal Financial Literacy  
CIP #: 45.09200  
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)  
CIP #: 45.09200  
Prerequisite: Enrollment in Johnson High School's JISA Program  
Credit Type: L1 or L2; Elective credit
**World Geography**
CIP #: 45.07110  
Hall County #: 1206  
Prerequisite: None  
Credit Type: L1; 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.

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

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/History**
CIP #: 45.08600  
Hall County #: 1266  
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.

**Communication Skills in Social Studies (ELL)**
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**
CIP #: 45.7114  
Hall County #: 1281 (Year 1)  
CIP #: 45.7114  
Hall County #: 1282 (Year 1)  
CIP #: 45.7124  
Hall County #: 1283 (Year 1)  
CIP #: 45.7124  
Hall County #: 1284 (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.

**MODERN LANGUAGES**

**French I, II**
CIP #: 60.01100  
Hall County #: 1600 (I)

**French III – V (Honors)**
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**

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Prerequisite</th>
<th>Credit Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spanish I – V (Honors)</td>
<td>CIP #: 60.07100</td>
<td>Hall County #: 1610 (I)</td>
<td>1 Unit</td>
<td></td>
</tr>
<tr>
<td>Spanish I – V (Honors)</td>
<td>CIP #: 60.07100</td>
<td>Hall County #: 1611 (I – Honors)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spanish I – V (Honors)</td>
<td>CIP #: 60.07200</td>
<td>Hall County #: 1612 (II)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spanish I – V (Honors)</td>
<td>CIP #: 60.07200</td>
<td>Hall County #: 1613 (II – Honors)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spanish I – V (Honors)</td>
<td>CIP #: 60.07200</td>
<td>Hall County #: 1612.x.H (II – Honors)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spanish I – V (Honors)</td>
<td>CIP #: 60.07300</td>
<td>Hall County #: 1614 (III – Honors)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spanish I – V (Honors)</td>
<td>CIP #: 60.07300</td>
<td>Hall County #: 1614.x.H (III – Honors)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spanish I – V (Honors)</td>
<td>CIP #: 60.07400</td>
<td>Hall County #: 1615 (IV – Honors)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spanish I – V (Honors)</td>
<td>CIP #: 60.07400</td>
<td>Hall County #: 1615.x.H (IV – Honors)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spanish I – V (Honors)</td>
<td>CIP #: 60.07500</td>
<td>Hall County #: 1616 (V – Honors)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spanish I – V (Honors)</td>
<td>CIP #: 60.07500</td>
<td>Hall County #: 1616.x.H (V – Honors)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spanish I – V (Honors)</td>
<td>CIP #: 60.07600</td>
<td>Hall County #: 1633 (VI – Honors)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spanish I – V (Honors)</td>
<td>CIP #: 60.07600</td>
<td>Hall County #: 1633 (VI – Honors)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Prerequisite</th>
<th>Credit Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Placement (AP) Spanish Language and Culture</td>
<td>CIP #: 60.07700</td>
<td>Hall County #: 1617</td>
<td>1 Unit</td>
<td></td>
</tr>
<tr>
<td>Advanced Placement (AP) Spanish Language and Culture</td>
<td>CIP #: 60.07700</td>
<td>Hall County #: 1617.x.M</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Prerequisite</th>
<th>Credit Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Placement (AP) Spanish Literature and Culture</td>
<td>CIP #: 60.08110</td>
<td>Hall County #: 1618</td>
<td>1 Unit</td>
<td></td>
</tr>
<tr>
<td>Advanced Placement (AP) Spanish Literature and Culture</td>
<td>CIP #: 60.08110</td>
<td>Hall County #: 1618.x.M</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Spanish for Native Spanish Speakers I, II, III**

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Prerequisite</th>
<th>Credit Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spanish for Native Spanish Speakers I, II, III (Honors)</td>
<td>CIP #: 60.07900</td>
<td>Hall County #: 1620 (I)</td>
<td>1 Unit</td>
<td></td>
</tr>
<tr>
<td>Spanish for Native Spanish Speakers I, II, III (Honors)</td>
<td>CIP #: 60.07900</td>
<td>Hall County #: 1620.x.HX (I – Honors)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spanish for Native Spanish Speakers I, II, III (Honors)</td>
<td>CIP #: 60.07910</td>
<td>Hall County #: 1620.x.H (I – Honors)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spanish for Native Spanish Speakers I, II, III (Honors)</td>
<td>CIP #: 60.07910</td>
<td>Hall County #: 1622 (II)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spanish for Native Spanish Speakers I, II, III (Honors)</td>
<td>CIP #: 60.07910</td>
<td>Hall County #: 1629 (II – Honors)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spanish for Native Spanish Speakers I, II, III (Honors)</td>
<td>CIP #: 60.07910</td>
<td>Hall County #: 1622.x.H (II – Honors)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spanish for Native Spanish Speakers I, II, III (Honors)</td>
<td>CIP #: 60.07920</td>
<td>Hall County #: 1629 (III – Honors)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spanish for Native Spanish Speakers I, II, III (Honors)</td>
<td>CIP #: 60.07920</td>
<td>Hall County #: 1629 (III – Honors)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spanish for Native Spanish Speakers I, II, III (Honors)</td>
<td>CIP #: 60.07920</td>
<td>Hall County #: 1638.x.HX (III – Honors)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spanish for Native Spanish Speakers I, II, III (Honors)</td>
<td>CIP #: 60.07920</td>
<td>Hall County #: 1638.x.H (III – Honors)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Prerequisite</th>
<th>Credit Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>International Baccalaureate (IB) Spanish A, Year 1</td>
<td>CIP #: 60.07910</td>
<td>Hall County #: 1623 (Year 1)</td>
<td>1 Unit</td>
<td></td>
</tr>
<tr>
<td>International Baccalaureate (IB) Spanish A, Year 1</td>
<td>CIP #: 60.07910</td>
<td>Hall County #: 1623.x.M (Year 1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>International Baccalaureate (IB) Spanish A, Year 2</td>
<td>CIP #: 60.07890</td>
<td>Hall County #: 1624 (Year 2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>International Baccalaureate (IB) Spanish A, Year 2</td>
<td>CIP #: 60.07890</td>
<td>Hall County #: 1624.x.M (Year 2)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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
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
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
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
Chinese III – V (Honors)
CIP #: 62.01100  Hall County #: 1660 (I)
CIP #: 62.01100  Hall County #: 1660.x.H (I – Honors)
CIP #: 62.01200  Hall County #: 1661 (II)
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*
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: 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) 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: 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.

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 xx
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 xx
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) xx
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) xx
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) xx
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) xx
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) xx
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) xx
CIP #: 52.03200 Hall County #: 2111.x.H (II – 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

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

International Baccalaureate (IB) Theatre, Year 2

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

Description: Provides understanding of 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

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

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
</table>
| **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 | 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 Grade 1 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**

| 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**

| 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**

| 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**

| 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: 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: 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: 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)
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 #: 54.02360  Hall County #: 2333 (II)
CIP #: 54.02360  Hall County #: 2337 (III – Honors)^
CIP #: 54.02370  Hall County #: 2334 (IV)
CIP #: 54.02380  Hall County #: 2338 (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  1 Unit
International Baccalaureate (IB) Music, Year 2
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 #: 53.7124  Hall County #: 2273 (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 #: 2273.7.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 #: 2273.7.HX (Year 1)^  CIP #: 53.7214  Hall County #: 2274.7.HX (Year 2)^
CIP #: 53.7114  Hall County #: 2271 (Year 1)  CIP #: 53.7124  Hall County #: 2272 (Year 1)  CIP #: 53.7214  Hall County #: 2275 (Year 2)
CIP #: 53.7114  Hall County #: 2271.7.H (Year 1)^  CIP #: 53.7124  Hall County #: 2272.7.H (Year 1)^  CIP #: 53.7214  Hall County #: 2275.7.H (Year 2)^
CIP #: 53.7114  Hall County #: 2271.7.HX (Year 1)^  CIP #: 53.7124  Hall County #: 2272.7.HX (Year 1)^  CIP #: 53.7214  Hall County #: 2275.7.HX (Year 2)^
CIP #: 53.7114  Hall County #: 2273 (Year 1)  CIP #: 53.7124  Hall County #: 2273 (Year 1)  CIP #: 53.7214  Hall County #: 2277 (Year 2)
CIP #: 53.7114  Hall County #: 2273.7.H (Year 1)^  CIP #: 53.7124  Hall County #: 2273.7.H (Year 1)^  CIP #: 53.7214  Hall County #: 2277.7.H (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**

<table>
<thead>
<tr>
<th>CIP #:</th>
<th>Hall County #:</th>
</tr>
</thead>
<tbody>
<tr>
<td>50.02110</td>
<td>2001 (I)</td>
</tr>
<tr>
<td>50.02120</td>
<td>2002 (II)</td>
</tr>
<tr>
<td>50.02130</td>
<td>2003 (III)</td>
</tr>
<tr>
<td>50.02400</td>
<td>2004 (IV)</td>
</tr>
<tr>
<td>50.02600</td>
<td>2005 (V)</td>
</tr>
</tbody>
</table>

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. Year III provides knowledge and application of 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**

<table>
<thead>
<tr>
<th>CIP #:</th>
<th>Hall County #:</th>
</tr>
</thead>
<tbody>
<tr>
<td>50.04110</td>
<td>2041 (I)</td>
</tr>
<tr>
<td>50.04120</td>
<td>2042 (II)</td>
</tr>
<tr>
<td>50.04130</td>
<td>2043 (III)</td>
</tr>
<tr>
<td>50.04140</td>
<td>2044 (IV)</td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>CIP #:</th>
<th>Hall County #:</th>
</tr>
</thead>
<tbody>
<tr>
<td>50.03110</td>
<td>2011 (I)</td>
</tr>
<tr>
<td>50.03120</td>
<td>2012 (II)</td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>CIP #:</th>
<th>Hall County #:</th>
</tr>
</thead>
<tbody>
<tr>
<td>50.03130</td>
<td>2021 (I)</td>
</tr>
<tr>
<td>50.03140</td>
<td>2022 (II)</td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>CIP #:</th>
<th>Hall County #:</th>
</tr>
</thead>
<tbody>
<tr>
<td>50.06110</td>
<td>2031 (I)</td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>CIP #:</th>
<th>Hall County #:</th>
</tr>
</thead>
<tbody>
<tr>
<td>50.03210</td>
<td>2062 (I)</td>
</tr>
</tbody>
</table>

Prerequisite: Visual Arts Comprehensive I

Credit Type: L1; Core or elective credit

Description: Introduces the design and production of relief sculpture and sculpture-in-theround. 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
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
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
CIP #: 50.08110 Hall County #: 2070
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
CIP #: 50.08130 Hall County #: 2071
CIP #: 50.08140 Hall County #: 2072
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
CIP #: 50.09210 Hall County #: 2073
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 addictive, 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
CIP #: 50.09210 Hall County #: 2073
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
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) |
### Library Science/Grades 9 - 12

<table>
<thead>
<tr>
<th>CIP #: 80.01000</th>
<th>Hall County #: 1795</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: None</td>
<td>Credit Type: L1; Elective credit</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>CIP #</th>
<th>Hall County #</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Health</strong></td>
<td>17.01100</td>
<td>1503</td>
</tr>
<tr>
<td>Prerequisite: None</td>
<td>Credit Type: L1; Required for all students; available as E-course</td>
<td></td>
</tr>
</tbody>
</table>

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** | 36.05100 | 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** | 36.05400 | 1530 |
| **Weight Training (Advanced)** | 36.06400 | 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** | 36.05600 | 1532 |
| **Body Sculpting (Advanced)** | 36.06600 | 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** | 36.05200 | 1528 |
| **Physical Conditioning (Advanced)** | 36.06200 | 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.

<table>
<thead>
<tr>
<th>Plant &amp; Landscape Systems Pathway (C, E)</th>
<th>Agriculture Leadership in Animal Production (N)</th>
</tr>
</thead>
<tbody>
<tr>
<td>● Basic Agriculture Science (#3015)</td>
<td>● Basic Agriculture Science (#3015)</td>
</tr>
<tr>
<td>● General Horticulture and Plant Science (#3050)</td>
<td>● Animal Science &amp; Biotechnology (#3064)</td>
</tr>
<tr>
<td>● Nursery and Landscape (#3061)</td>
<td>● Agribusiness Management &amp; Leadership (#3024)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Agriculture Mechanics Systems Pathway (L, N)</th>
<th>Veterinary Science Pathway (N)</th>
</tr>
</thead>
<tbody>
<tr>
<td>● Basic Agriculture Science (#3015)</td>
<td>● Basic Agriculture Science (#3015)</td>
</tr>
<tr>
<td>● Agricultural Mechanics Technology I (#3001)</td>
<td>● Animal Science &amp; Biotechnology (#3064)</td>
</tr>
<tr>
<td>● Agricultural Mechanics Technology II (#3002)</td>
<td>● Veterinary Science (#3063)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Agriculture Mechanics/Metal Fabrication (L, N)</th>
<th>Plant &amp; Floriculture Systems Pathway (E)</th>
</tr>
</thead>
<tbody>
<tr>
<td>● Basic Agriculture Science (#3015)</td>
<td>● Basic Agriculture Science (#3015)</td>
</tr>
<tr>
<td>● Agricultural Mechanics Technology I (#3001)</td>
<td>● General Horticulture and Plant Science (#3050)</td>
</tr>
<tr>
<td>● Agricultural Metals Fabrication (#3018)</td>
<td>● Floriculture Production &amp; Management (#3045)</td>
</tr>
</tbody>
</table>
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 #: 01.7124  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)

Electricity 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**

**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 craftsperson.

**Carpentry II**

**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**

**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**

**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**

**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**

**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**

**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**  
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**  
CIP #: 46.7114  
Hall County #: 3181 Year 1)  
CIP #: 46.7114  
Hall County #: 3182 Year 1)  
CIP #: 46.7114  
Hall County #: 3183 Year 1)  
CIP #: 46.7114  
Hall County #: 3184 Year 1)  
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**  
CIP #: 46.7114  
Hall County #: 3121 Year 1)  
CIP #: 46.7114  
Hall County #: 3122 Year 1)  
CIP #: 46.7114  
Hall County #: 3123 Year 1)  
CIP #: 46.7114  
Hall County #: 3124 Year 1)  
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**  
CIP #: 47.7114  
Hall County #: 3171 Year 1)  
CIP #: 47.7114  
Hall County #: 3172 Year 1)  
CIP #: 47.7114  
Hall County #: 3173 Year 1)  
CIP #: 47.7114  
Hall County #: 3174 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 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)

- **Graphics Design Pathway (C, E, F, J, W)**  
  - Introduction to Graphics and Design (#3220)  
  - Graphic Design and Production (#3225)  
  - Advanced Graphic Design (#3245)

- **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 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**  
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**  
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**  
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**  
CIP #: 10.51410  
Hall County #: 3204  
Prerequisite: Audio-Video Technology Film II  
Credit Type: L1 or L2; 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**  
CIP #: 48.561  
Hall County #: 3220  
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**  
CIP #: 48.562  
Hall County #: 3225  
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**  
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.
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 #: 10.7114 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 & student employee; understanding of the workplace & 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 #: 4150.0.H (Year 1) CIP #: 48.7214 Hall County #: 4150.0.HX (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
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.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.

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

| 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.

| 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.

| 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**

| 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 #: 13.7114**  
**Hall County #: 3513 (Year 1)**

- **CIP #: 13.7224**  
  **Hall County #: 3517 (Year 2)**

**CIP #: 13.7114**  
**Hall County #: 3514 (Year 1)**

- **CIP #: 13.7224**  
  **Hall County #: 3518 (Year 2)**

**CIP #: 13.7114**  
**Hall County #: 3517.7.H (Year 1) Honors**

- **CIP #: 13.7214**  
  **Hall County #: 3515.7.H (Year 2) Honors**

**CIP #: 13.7114**  
**Hall County #: 3518.7.H (Year 1) Honors**

- **CIP #: 13.7214**  
  **Hall County #: 3516.7.H (Year 2) Honors**

**CIP #: 13.7114**  
**Hall County #: 3519.7.H (Year 1) Honors**

- **CIP #: 13.7214**  
  **Hall County #: 3520.7.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.

**Education & Training 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 #: 20.7114**  
**Hall County #: 3543 (Year 1)**

- **CIP #: 20.7214**  
  **Hall County #: 3547 (Year 2)**

**CIP #: 20.7114**  
**Hall County #: 3544 (Year 1)**

- **CIP #: 20.7214**  
  **Hall County #: 3548 (Year 2)**

**CIP #: 20.7114**  
**Hall County #: 3547.7.H (Year 1) Honors**

- **CIP #: 20.7214**  
  **Hall County #: 3550.7.H (Year 2) Honors**

**CIP #: 20.7114**  
**Hall County #: 3551.7.H (Year 1) Honors**

- **CIP #: 20.7214**  
  **Hall County #: 3554.7.H (Year 2) 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
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 #: 07.7114 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 (Year 1) CIP #: 07.7114 Hall County #: 3392.7.H (Year 1) Honors
CIP #: 07.7114 Hall County #: 3392.7.HX (Year 1) Honors∞
CIP #: 07.7114 Hall County #: 3393 (Year 1) CIP #: 07.7114 Hall County #: 3393.7.H (Year 1) Honors
CIP #: 07.7114 Hall County #: 3393.7.HX (Year 1) Honors∞
CIP #: 07.7114 Hall County #: 3394 (Year 1) CIP #: 07.7114 Hall County #: 3394.7.H (Year 1) Honors
CIP #: 07.7114 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)
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 Anatom y 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  
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  
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  
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  
CIP #: 25.44600  
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  
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  
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  
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 provide 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** 0.5 or 1 Unit

| CIP #: 25.7114 | Hall County #: 3661 (Year 1) |
| CIP #: 25.7124 | Hall County #: 3663 (Year 1) |
| CIP #: 25.7124 | Hall County #: 3664 (Year 1) |
| CIP #: 25.7114 | Hall County #: 3661.7.H (Year 1) Honors* |
| CIP #: 25.7114 | Hall County #: 3662.7.H (Year 1) Honors* |
| CIP #: 25.7114 | Hall County #: 3661.7.HX (Year 1) Honors∞ |
| CIP #: 25.7114 | Hall County #: 3662.7.HX (Year 1) Honors∞ |
| CIP #: 25.7114 | Hall County #: 3665 (Year 2) |
| CIP #: 25.7124 | Hall County #: 3666 (Year 2) |
| CIP #: 25.7124 | Hall County #: 3667 (Year 2) |
| CIP #: 25.7114 | Hall County #: 3665.7.H (Year 2) Honors* |
| CIP #: 25.7114 | Hall County #: 3666.7.H (Year 2) Honors* |
| CIP #: 25.7114 | Hall County #: 3665.7.HX (Year 2) Honors∞ |
| CIP #: 25.7114 | 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).**
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**

**Prerequisite:** None

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

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

**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 mastery of Culinary Arts. *Course available only at Lanier College Career Academy (LCCA).*

**Culinary Arts II**  

**1 Unit**

**Prerequisite:** Culinary Arts I

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

**Description:** Course builds 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**

**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**

**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 wavy, 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**  
CIP #: 12.43100  
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)**  
CIP #: 12.551  
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)**  
CIP #: 12.552  
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)**  
CIP #: 12.553  
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  
CIP #: 12.7214  
CIP #: 12.7124  
CIP #: 12.7224  
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**  
CIP #: 20.41610  
Prerequisite: None  
Credit Type: L1; Core or elective credit  

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

**Food for Life**  
CIP #: 20.414  
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
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 #: 20.7124 Hall County #: 3863 (Year 1) CIP #: 20.7224 Hall County #: 3867 (Year 2)
CIP #: 20.7124 Hall County #: 3864 (Year 1) CIP #: 20.7244 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
- 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  
CIP #: 11.45100  
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  
CIP #: 11.45200  
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  
CIP #: 11.471  
CIP #: 11.471 (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  
CIP #: 11.019  
Prerequisite: Teacher recommendation  
Credit Type: L3; Core or elective credit; course meets fourth science requirement for students entering ninth grade in 2015 and later and is recognized by the Board of Regents as such. Course also meets fourth mathematics or world language requirement; 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  
CIP #: 11.472  
CIP #: 11.472 (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  
CIP #: 11.429  
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; 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 #: 3941.0.H (Year 1)*  
CIP #: 11.7214  
Hall County #: 3945.0.H (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: Allows students to master basic sheet metal techniques. Course includes the development of skills in basic trade math. Students will identify, rate, select, and use steel and other metals to develop and fabricate basic sheet metal projects. The course includes basic parallel line development and skills using fasteners, hangers, and other support systems.

**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.

**MARKETING, SALES & SERVICE**

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

**Fashion Merchandising/Retail Management**
- Marketing Principles (#4205)
- Fashion Merc & Retailing Essentials (#4216)
- Adv Fashion, Merchandising & Retailing (#4218)

**Marketing Comm & Promotion Pathway (F, L, N)**
- Marketing Principles (#4205)
- Promotion and Professional Sales (#4246)
- Marketing Communications Essentials (#4248)

**Marketing Principles**

| CIP #: 08.474 | Hall County #: 4205 |
| CIP #: 08.42100 | Hall County #: 4216 |

Prerequisite: None

Credit Type: L1; Core or elective credit

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

**Fashion, Merchandising and Retailing Essentials**

| CIP #: 08.42100 | Hall County #: 4216 |

Prerequisite: None

Credit Type: L1; Core or elective credit

Description: Introduces students to the retail industry including the fundamentals of fashion marketing, key marketing concepts essential to every business, types of businesses involved in the industry, and an array of career opportunities. Students will develop skills in such areas as fashion economics, marketing segmentation and target marketing, product selection and buying, and inventory.

**Advanced Fashion, Merchandising and Retailing Essentials**

| CIP #: 08.42200 | Hall County #: 4218 |

Prerequisite: Fashion, Merchandising and Retailing Essentials

Credit Type: L1; Core or elective credit

Description: Focuses on the application of knowledge and the performance of key skills required in a retail environment. Students will develop skills necessary for managing the following elements: pricing, visual merchandising, advertising, special promotions, professional sales, and customer service.

**Marketing & Entrepreneurship**

| CIP #: 08.44100 | Hall County #: 4222 |

Prerequisite: Marketing Principles

Credit Type: L1; Core or elective credit
Description: Begins an in-depth and detailed study of marketing while also focusing on management with specific emphasis on small business ownership. Builds on the theories learned in Marketing Principles by providing practical application scenarios which test these theories. In addition, focuses on the role of the supervisor and examines the qualities needed to be successful.

**Marketing Management**  
1 Unit  
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 #: 08.7114  
Hall County #: 4274 (Year 2)  
CIP #: 08.7114  
Hall County #: 4270 (Year 1)  
CIP #: 08.7124  
Hall County #: 4274.0.H (Year 2 Honors)  
CIP #: 08.7124  
Hall County #: 4275.0.H (Year 2 Honors)  
CIP #: 08.7124  
Hall County #: 4276 (Year 2 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
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
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
CIP #: 08.7114 Hall County #: 4261 (Year 1) CIP #: 08.7214 Hall County #: 4265 (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 #: 4261.7.HX (Year 1) Honors∞ CIP #: 08.7214 Hall County #: 4265.7.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)

Introduction to Drafting & Design
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  
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  
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  
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  
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  
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  
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 #: 21.7114    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**

<table>
<thead>
<tr>
<th>CIP #: 48.7114</th>
<th>Hall County #: 4151 (Year 1)</th>
<th>CIP #: 48.7214</th>
<th>Hall County #: 4155 (Year 2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIP #: 48.7114</td>
<td>Hall County #: 4152 (Year 1)</td>
<td>CIP #: 48.7214</td>
<td>Hall County #: 4156 (Year 2)</td>
</tr>
<tr>
<td>CIP #: 48.7124</td>
<td>Hall County #: 4153 (Year 1)</td>
<td>CIP #: 48.7224</td>
<td>Hall County #: 4157 (Year 2)</td>
</tr>
<tr>
<td>CIP #: 48.7124</td>
<td>Hall County #: 4154 (Year 1)</td>
<td>CIP #: 48.7224</td>
<td>Hall County #: 4158 (Year 2)</td>
</tr>
<tr>
<td>CIP #: 48.7114</td>
<td>Hall County #: 4151.0.H (Year 1)</td>
<td>CIP #: 48.7214</td>
<td>Hall County #: 4155.0.H (Year 2)</td>
</tr>
<tr>
<td>CIP #: 48.7114</td>
<td>Hall County #: 4152.0.H (Year 1)</td>
<td>CIP #: 48.7214</td>
<td>Hall County #: 4156.0.H (Year 2)</td>
</tr>
<tr>
<td>CIP #: 48.7114</td>
<td>Hall County #: 4151.0.HX (Year 1)</td>
<td>CIP #: 48.7214</td>
<td>Hall County #: 4155.0.HX (Year 2)</td>
</tr>
<tr>
<td>CIP #: 48.7114</td>
<td>Hall County #: 4152.0.HX (Year 1)</td>
<td>CIP #: 48.7214</td>
<td>Hall County #: 4156.0.HX (Year 2)</td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>CIP #: 47.53110</th>
<th>Hall County #: 4501</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>None</td>
</tr>
<tr>
<td>Credit Type:</td>
<td>L1; Core or elective credit</td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>CIP #: 47.53210</th>
<th>Hall County #: 4502</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Basic Maintenance &amp; Light Repair</td>
</tr>
<tr>
<td>Credit Type:</td>
<td>L1; Core or elective credit</td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>CIP #: 47.53310</th>
<th>Hall County #: 4503</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Maintenance &amp; Light Repair 2</td>
</tr>
<tr>
<td>Credit Type:</td>
<td>L1; Core or elective credit</td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>CIP #: 47.7114</th>
<th>Hall County #: 4521 (Year 1)</th>
<th>CIP #: 47.7214</th>
<th>Hall County #: 4525 (Year 2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIP #: 47.7114</td>
<td>Hall County #: 4522 (Year 1)</td>
<td>CIP #: 47.7214</td>
<td>Hall County #: 4526 (Year 2)</td>
</tr>
<tr>
<td>CIP #: 47.7124</td>
<td>Hall County #: 4523 (Year 1)</td>
<td>CIP #: 47.7224</td>
<td>Hall County #: 4527 (Year 2)</td>
</tr>
<tr>
<td>CIP #: 47.7124</td>
<td>Hall County #: 4524 (Year 1)</td>
<td>CIP #: 47.7224</td>
<td>Hall County #: 4528 (Year 2)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jobs for Georgia Graduates Work Ethics I</td>
<td>1</td>
</tr>
<tr>
<td>CIP #: 32.04100</td>
<td></td>
</tr>
<tr>
<td>Prerequisite: Approval of JGG Coordinator</td>
<td></td>
</tr>
<tr>
<td>Credit Type: L1; Elective credit only</td>
<td></td>
</tr>
<tr>
<td>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.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jobs for Georgia Graduates Work Ethics II</td>
<td>1</td>
</tr>
<tr>
<td>CIP #: 32.04200</td>
<td></td>
</tr>
<tr>
<td>Prerequisite: Approval of JGG Coordinator</td>
<td></td>
</tr>
<tr>
<td>Credit Type: L1; Elective credit only</td>
<td></td>
</tr>
<tr>
<td>Description: A specialized program for targeted youth, the classroom instruction includes detailed career planning, self-awareness, team building, remediation, job shadowing and career selection.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jobs for Georgia Graduates Work Ethics III</td>
<td>1</td>
</tr>
<tr>
<td>CIP #: 32.04300</td>
<td></td>
</tr>
<tr>
<td>Prerequisite: Approval of JGG Coordinator</td>
<td></td>
</tr>
<tr>
<td>Credit Type: L1; Elective credit only</td>
<td></td>
</tr>
<tr>
<td>Description: A specialized program for targeted youth, the classroom instruction includes job attainment skills, money management, values clarification, remediation, and social development.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jobs for Georgia Graduates Work Ethics IV</td>
<td>1</td>
</tr>
<tr>
<td>CIP #: 32.04400</td>
<td></td>
</tr>
<tr>
<td>Prerequisite: Approval of JGG Coordinator</td>
<td></td>
</tr>
<tr>
<td>Credit Type: L1; Elective credit only</td>
<td></td>
</tr>
<tr>
<td>Description: A specialized program for targeted youth, the classroom instruction includes workplace competencies, job survival training, resume writing, communication skills, economic empowerment and remediation.</td>
<td></td>
</tr>
</tbody>
</table>

### PERSONAL, INTERPERSONAL, & SOCIAL SKILLS

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>IB Personal and Professional Skills, Year 1</td>
<td>.5 or 1</td>
</tr>
<tr>
<td>IB Personal and Professional Skills, Year 2</td>
<td></td>
</tr>
<tr>
<td>CIP #: 35.08800</td>
<td></td>
</tr>
<tr>
<td>CIP #: 35.08800</td>
<td></td>
</tr>
<tr>
<td>CIP #: 35.08900</td>
<td></td>
</tr>
<tr>
<td>CIP #: 35.08900</td>
<td></td>
</tr>
<tr>
<td>Prerequisite: Approval of IBCP Coordinator</td>
<td></td>
</tr>
<tr>
<td>Credit Type: L3; Elective credit only</td>
<td></td>
</tr>
<tr>
<td>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.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAT Preparation</td>
<td>.5 or 1</td>
</tr>
<tr>
<td>CIP #: 35.066</td>
<td></td>
</tr>
<tr>
<td>Prerequisite: None</td>
<td></td>
</tr>
<tr>
<td>Credit Type: L1; Elective credit only</td>
<td></td>
</tr>
<tr>
<td>Description: Introduces methods to improve SAT testing. SAT content and test taking strategies are emphasized.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tools for College Success I</td>
<td>.5 or 1</td>
</tr>
<tr>
<td>CIP #: 35.06700</td>
<td></td>
</tr>
<tr>
<td>Prerequisite:</td>
<td></td>
</tr>
<tr>
<td>Credit Type: L1; Elective credit</td>
<td></td>
</tr>
</tbody>
</table>
High School Transition IV
CIP #: 35.06800  Hall County #: 1730
Prerequisite: Approval of the school Instructional Coordinator
Credit Type: L1; Elective credit

International Baccalaureate (IB) Theory of Knowledge (TOK)
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

Advanced Placement Seminar
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

Advanced Placement Research
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

Peer Facilitation I – IV
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

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

**Study Skills I – IV**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hall County #</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIP #: 35.061</td>
<td>1700 (I)</td>
</tr>
<tr>
<td>CIP #: 35.062</td>
<td>1701 (II)</td>
</tr>
<tr>
<td>CIP #: 35.063</td>
<td>1702 (III)</td>
</tr>
<tr>
<td>CIP #: 35.064</td>
<td>1703 (IV)</td>
</tr>
</tbody>
</table>

Prerequisite: Courses must be taken in sequence

Credit Type: L1; Elective credit only

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

3D Modeling and Analysis ........................................ 67
Academic Language of Science & Math .................. 15
Advanced Band ................................................... 34
Advanced Choral Ensemble ................................... 6
Advanced Chorus ................................................ 35
Advanced Compositional ........................................ 14
Advanced Composition ......................................... 57
Advanced Cybersecurity ......................................... 61
Advanced Fashion Merchandising ........................... 64
Advanced Graphic Design ....................................... 46
Advanced Graphic Output Processes ....................... 46
Advanced Instrumental Ensemble ............................ 34
Advanced Jazz ..................................................... 34
Advanced Sports & Entertainment Mgmt .................. 66
Agricultural Management & Leadership ................... 42
Agricultural Mechanics .......................................... 42
Agriculture/Metals Fabrication ............................... 42
Agriculture/Food/Nat. Resources WBL .................... 43
Allied Health and Medicine .................................... 53
American Government .......................................... 24
American Literature & Composition ....................... 12
Animal Science & Biotechnology ............................. 42
Applications of Biotechnology ................................ 54
Architecture & Construction WBL .......................... 47
Arts, A/V Tech Communications WBL .................... 47
Astronomy .......................................................... 21
Audio-Video Technology Film I-III ........................ 46
Banking, Investing & Insurance ............................... 51
Basic Agriculture Science ...................................... 42
Basic Maintenance & Light Repair .......................... 68
Basic Technology Principles .................................. 15
Beginning Band I, II ............................................. 33
Beginning Chorus ................................................ 35
Beginning Guitar Techniques I, II ............................ 36
Biology I ................................................................ 17
Body Sculpturing .................................................. 40
British Literature & Composition ............................ 12
Broadcast Video Applications ............................... 46
Business Technology ............................................. 47
Business Communications ..................................... 48
Business Computer Science WBL ........................... 48,51
Business Management WBL ................................ 48
Calculus ................................................................ 17
Carpentry I, II ....................................................... 44
Ceramics & Pottery .............................................. 37
Chemistry I & II .................................................... 20
Chinese ............................................................... 29
College Readiness Mathematics ............................. 19
Communication Skills .......................................... 15
Communication Skills in Math ............................... 19
Communication Skills in Science ........................... 23
Communication Skills in Social Studies .................... 27
Community Service Learning ................................ 39
Comparative Religions .......................................... 26
Computer Science Principles ............................... 60
Construction Internship ....................................... 44
Construction Technology WBL .............................. 45
Contemporary Issues in Education ......................... 49
Cosmetology Practicum ......................................... 58
Cosmetology Services II, III ................................... 57
Cosmetology Services Core IV ............................... 57
Criminal Justice Essentials .................................... 62
Culinary Arts I & II .............................................. 56
Culinary Practicum .............................................. 56
Culinary WBL ...................................................... 56
Current Issues ..................................................... 25
Design & Business Mgt Practicum ......................... 65
Diagnostics & Phlebotomy ..................................... 54
Digital Design ...................................................... 60
Digital High WBL .............................................. 65
Directed Study .................................................... 39
Drawing .............................................................. 37
Drawing & Painting .............................................. 37
Early Childhood Education I-III ............................. 49,50
Early Childhood WBL ......................................... 50
Earth Systems ..................................................... 20
Economics ........................................................ 25
Education & Training WBL ................................... 50
Electrical I ........................................................... 44
Emergency Medical Responder ............................ 53
Engineering Applications ...................................... 67
Engineering Concepts .......................................... 67
English ESL ........................................................ 15
Entrepreneurship .................................................. 48
Environmental Science ........................................ 21
Essentials of Biotechnology .................................. 21
Essentials of Fire & Emergency Services ................ 62
Essentials of Healthcare ....................................... 52
Esthetic Services II, III ......................................... 57
Examining the Teaching Profession ...................... 36
Extraction & Weight Control ................................ 44
Fashion, Merchandising & Retailing ..................... 64
Financial Literacy ............................................... 51
Floriculture Production & Management ................ 42
Food for Life ........................................................ 12
Food Science ...................................................... 59
Food, Nutrition & Wellness .................................. 58
Forensic Science .................................................. 21
Forensic Science & Criminal Investigations .......... 62
Foundations of Engineering & Technology ............ 67
Foundation of Exercise Physiology ....................... 53
French ............................................................... 27
Game Design: Animation & Simulation .................. 60
General Horticulture/Plant Science ....................... 42
German ............................................................. 29
Graphic Design & Production ............................... 46
GSE Accelerated Coordinate Algebra ..................... 16
GSE Accelerated Analytic Geometry ..................... 17
GSE Advanced Algebra ....................................... 17
GSE Advanced Algebra Support ........................... 17
GSE Analytic Geometry ....................................... 23
GSE Analytic Geometry Support ........................... 17
GSE Coordinate Algebra ...................................... 16
GSE Coordinate Algebra Support ......................... 16
GSE Foundations of Algebra ............................... 16
GSE Precalculus .................................................. 17
Habitat High WBL .............................................. 45
Health Science Technology WBL ......................... 54
Health ............................................................... 20
Heating, Ventilation, AC Refrigeration .................... 44
High School Transition ......................................... 70
Hospitality Practicum .......................................... 55
Hospitality, Recreation, Recreation & Visitor Mgmt .. 44
Hospitality, Recreation & Tourism Mgmt .............. 55
Human Anatomy & Physiology ............................ 21
Human Services WBL .......................................... 59
Individual and the Law ........................................ 28
Industrial Technology .......................................... 43
Industry Fundamentals/Occup Safety ....................... 43,63
Information Technology WBL .............................. 61
Intermediate Band .............................................. 33
Intermediate Choral & Ensembles ......................... 35
Intermediate Chorus ............................................. 35
Intermediate Instrumental Ensemble ....................... 33
Intermediate Jazz ................................................ 33
Intro. to Business .............................................. 29
Intro. to Construction ......................................... 43
Intro. to Culinary Arts ......................................... 56
Intro. to Cyber Security ...................................... 61
Intro. to Digital Technology ................................. 59
Intro. to Drafting/Design ..................................... 64
Intro. to Graphics and Design ............................... 46, 66
Intro. to Healthcare Science ................................ 52
Intro. To HVAC Systems ..................................... 44
Intro. to Law, Public Safety .................................. 62
Intro. to Metals .................................................. 63
Intro. to Personal Care Services ............................ 57
Intro. to Sports & Entertainment Marketing .......... 66
Jobs for Georgia Graduates Work Ethics ................ 69
Journalism ......................................................... 13
Language Arts WBL .......................................... 16
Law, Public Safety & Security WBL ....................... 62
Legal Environment of Business ............................ 48
Library Science .................................................... 40
Life Sciences WBL ............................................. 23
Local Area Studies/Geography ............................. 27
Local Area Studies/History ................................... 27
Low Voltage Electrical ........................................ 45
Machining Operations I ........................................ 63
Marketing II ....................................................... 38
Marketing & Entrepreneurship ............................. 64
Marketing Communications Essentials ................ 65
Marketing Management ........................................ 65
Marketing I ......................................................... 63
Marketing Research ............................................ 55
Marketing, Sales & Services WBL ......................... 56,65
Mastery Band ..................................................... 34
Mastery Mixed Choir .......................................... 36
Mathematics of Finance ....................................... 19
Mentorship ........................................................ 33
Microbiology ..................................................... 53
Multicultural Literature ........................................ 12
Music Appreciation ............................................ 33
Music Theory & Composition .............................. 33
Music WBL ......................................................... 49
Musical Theatre .................................................. 30
Native Language ............................................... 30
Native Language Reading & Literacy ..................... 30
Nautical Science ................................................ 31
Ninth Grade Literature & Composition .................. 31
Non-Invasive Technology ...................................... 54
Nursery & Landscape .......................................... 42
Oceanography ................................................... 22
Older Communication in the Content Areas .......... 15
Painting I ........................................................... 37
Patient Care Fundamentals ................................... 53
Peer Facilitation .................................................. 70
Peer Leadership .................................................. 26
Personal Financial Literacy ................................... 26
Personal Fitness .................................................. 40
Personal Services WBL ....................................... 50
Pharmacy Operations & Fundamentals .................. 53
Photography ...................................................... 38
Physical Conditioning ......................................... 40
Physical Science ............................................... 19
Physical Science................................................. 22
Physics ............................................................ 22
Plumbing I .......................................................... 44
Portuguese I, II ................................................... 30
Precision Production Occup WBL ......................... 47,64,68
Principles of Athletic Training/Sports Med ............. 41
Printmaking ....................................................... 38
Programming, Games, Apps & Society ................... 60
Promotion and Professional Sales ......................... 60
Psychology ........................................................ 25
Reading & Listening in the Content Areas .............. 15
Reading & Writing in Science ............................... 23
Reading Enrichment & Tutoring ............................ 23
Recreational Games ............................................ 41
SAT Preparation ................................................ 69
Science/Technology/Engineering/Math WBL ........ 67
Scientific Research .............................................. 23
Sculpture .......................................................... 37
Security & Protective Services .............................. 62
Sheet Metal I ....................................................... 63
Social Sciences WBL .......................................... 63
Social Skills ........................................................ 70
Sociology .......................................................... 26
Spanish for Native Speaking Speakers ................... 28
Spanish .............................................................. 28
Speech/Forensics ............................................... 14
Spoken Languages WBL ..................................... 31
Sports Medicine .................................................. 53
Statistical Reasoning .......................................... 71
Study Skills ....................................................... 54
Surgical Technician ............................................. 54
Survey of Engineering Graphics ............................ 67
Teaching as a Profession Practicum ....................... 49
Team Sports ....................................................... 41
Technical College Readiness English ..................... 13
Technical College Readiness Mathematics ............... 19
Theatre Arts/Advanced Drama .............................. 31
Theatre Arts/Fundamentals .................................. 29
Theatre Arts/Theater Marketing ............................ 32
Theatre Arts/Musical Theater ............................... 31
Theatre Arts/Technical Theater ............................. 32
Theatre Arts WBL .............................................. 32
Tools for College Success ..................................... 69
Transportation/Distrib Logistics WBL .................... 68
United States History .......................................... 24
US History in Film ............................................. 26
Veterinary Science .............................................. 42
Visual Arts Comprehensive .................................. 37
Visual Arts Web Design ........................................ 39
Web Design ....................................................... 60
Web Development ............................................. 61
Weight Training .................................................. 40
Wiring .............................................................. 60
World Area Studies ............................................ 26
World Geography .............................................. 27
World History ..................................................... 24
Writing ............................................................. 12
World Literature & Composition ......................... 12
Writer’s Workshop ............................................. 14
### Advanced Placement Course Index

<table>
<thead>
<tr>
<th>Course</th>
<th>Year</th>
<th>Course</th>
<th>Year</th>
<th>Course</th>
<th>Year</th>
<th>Course</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP Art History</td>
<td>38</td>
<td>AP Language &amp; Composition</td>
<td>13</td>
<td>AP Seminar, ELA</td>
<td>14</td>
<td>AP English B</td>
<td>20</td>
</tr>
<tr>
<td>AP Biology</td>
<td>20</td>
<td>AP Literature &amp; Composition</td>
<td>13</td>
<td>AP Spanish Language &amp; Culture</td>
<td>28</td>
<td>AP English</td>
<td>21</td>
</tr>
<tr>
<td>AP Calculus AB</td>
<td>18</td>
<td>AP Macroeconomics</td>
<td>25</td>
<td>AP Spanish Literature &amp; Culture</td>
<td>28</td>
<td>AP Design Technology Year 1</td>
<td>20</td>
</tr>
<tr>
<td>AP Calculus BC</td>
<td>18</td>
<td>AP Microeconomics</td>
<td>25</td>
<td>AP Statistics</td>
<td>18</td>
<td>AP Design Technology Year 2</td>
<td>20</td>
</tr>
<tr>
<td>AP Chemistry</td>
<td>20</td>
<td>AP Music Theory</td>
<td>33</td>
<td>AP Studio: Drawing</td>
<td>38</td>
<td>AP Computer Science A</td>
<td>61</td>
</tr>
<tr>
<td>AP Computer Science A</td>
<td>61</td>
<td>AP Physics 1</td>
<td>22</td>
<td>AP Studio Art: 2-D Design Portfolio</td>
<td>38</td>
<td>AP Computer Science Principles</td>
<td>60</td>
</tr>
<tr>
<td>AP Computer Science Principles</td>
<td>60</td>
<td>AP Physics C: Mechanics</td>
<td>22</td>
<td>AP Studio Art: 3-D Design Portfolio</td>
<td>38</td>
<td>AP Environmental Science</td>
<td>21</td>
</tr>
<tr>
<td>AP Environmental Science</td>
<td>21</td>
<td>AP Psychology</td>
<td>25</td>
<td>AP United States History</td>
<td>24</td>
<td>AP European History</td>
<td>25</td>
</tr>
<tr>
<td>AP European History</td>
<td>25</td>
<td>AP Research</td>
<td>70</td>
<td>AP World History</td>
<td>24</td>
<td>AP Government/Politics: United States</td>
<td>24</td>
</tr>
<tr>
<td>AP Government/Politics: United States</td>
<td>24</td>
<td>AP Research, ELA</td>
<td>70</td>
<td></td>
<td></td>
<td>AP Human Geography</td>
<td>24</td>
</tr>
<tr>
<td>AP Human Geography</td>
<td>24</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### International Baccalaureate Course Index

<table>
<thead>
<tr>
<th>Course</th>
<th>Year</th>
<th>Course</th>
<th>Year</th>
<th>Course</th>
<th>Year</th>
<th>Course</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>IB Biology Year 1</td>
<td>20</td>
<td>IB Environmental Systems Year 1</td>
<td>23</td>
<td>IB Physics Year 2</td>
<td>22</td>
<td>IB Biology Year 2</td>
<td>20</td>
</tr>
<tr>
<td>IB Biology Year 2</td>
<td>20</td>
<td>IB History of the Americas Year 1</td>
<td>25</td>
<td>IB Psychology Year 1</td>
<td>25</td>
<td>IB Business &amp; Management Year 1</td>
<td>48</td>
</tr>
<tr>
<td>IB Business &amp; Management Year 1</td>
<td>48</td>
<td>IB History of the Americas Year 2</td>
<td>25</td>
<td>IB Psychology Year 2</td>
<td>25</td>
<td>IB Business &amp; Management Year 2</td>
<td>48</td>
</tr>
<tr>
<td>IB Business &amp; Management Year 2</td>
<td>48</td>
<td>IB Language A</td>
<td>30</td>
<td>IB Spanish A Year 1</td>
<td>28</td>
<td>IB Chemistry Year 1</td>
<td>21</td>
</tr>
<tr>
<td>IB Chemistry Year 1</td>
<td>21</td>
<td>IB Mandarin Chinese ab initio Year 1</td>
<td>30</td>
<td>IB Spanish A Year 2</td>
<td>28</td>
<td>IB Chemistry Year 2</td>
<td>22</td>
</tr>
<tr>
<td>IB Chemistry Year 2</td>
<td>22</td>
<td>IB Mandarin Chinese ab initio Year 2</td>
<td>30</td>
<td>IB Spanish ab initio I Year 1</td>
<td>29</td>
<td>IB Chinese Year 1</td>
<td>30</td>
</tr>
<tr>
<td>IB Chinese Year 1</td>
<td>30</td>
<td>IB Mathematical Studies Year 2</td>
<td>18</td>
<td>IB Spanish ab initio II Year 2</td>
<td>29</td>
<td>IB Chinese Year 2</td>
<td>30</td>
</tr>
<tr>
<td>IB Chinese Year 2</td>
<td>30</td>
<td>IB Mathematics Year 2</td>
<td>18</td>
<td>IB Spanish Year 1</td>
<td>29</td>
<td>IB Computer Science</td>
<td>61</td>
</tr>
<tr>
<td>IB Computer Science</td>
<td>61</td>
<td>IB Mathematics: Analysis &amp; Appr., Year 1</td>
<td>19</td>
<td>IB Spanish Year 2</td>
<td>29</td>
<td>IB Design Technology Year 1</td>
<td>22</td>
</tr>
<tr>
<td>IB Design Technology Year 1</td>
<td>22</td>
<td>IB Mathematics: App. &amp; Inter, Year 1</td>
<td>19</td>
<td>IB Theater Arts Year 1</td>
<td>32</td>
<td>IB Design Technology Year 2</td>
<td>22</td>
</tr>
<tr>
<td>IB Design Technology Year 2</td>
<td>22</td>
<td>IB Music Year 1</td>
<td>36</td>
<td>IB Theater Arts Year 2</td>
<td>32</td>
<td>IB English A Literature Year 1</td>
<td>13</td>
</tr>
<tr>
<td>IB English A Literature Year 1</td>
<td>13</td>
<td>IB Music Year 2</td>
<td>36</td>
<td>IB Theory of Knowledge</td>
<td>70</td>
<td>IB English A Literature Year 2</td>
<td>13</td>
</tr>
<tr>
<td>IB English A Literature Year 2</td>
<td>13</td>
<td>IB Personal &amp; Professional Skills Year 1</td>
<td>69</td>
<td>IB Visual Arts Year 1</td>
<td>38</td>
<td>IB English B Year 1</td>
<td>13</td>
</tr>
<tr>
<td>IB English B Year 1</td>
<td>13</td>
<td>IB Personal &amp; Professional Skills Year 2</td>
<td>69</td>
<td>IB Visual Arts Year 2</td>
<td>38</td>
<td>IB English B Year 2</td>
<td>13</td>
</tr>
<tr>
<td>IB English B Year 2</td>
<td>13</td>
<td>IB Physics Year 1</td>
<td>22</td>
<td>IB Visual Arts Year 2</td>
<td>38</td>
<td>IB Design Technology Year 2</td>
<td>22</td>
</tr>
</tbody>
</table>

---

Don’t Delay – Start Planning for Your Future TODAY!
Preventing 21st Century Learners for the Future!

School Board Members
Nath Morris, Chairman, North Hall District, Post 4
Craig Herrington, Vice-Chairman, West Hall District, Post 3
Sam Chapman, East Hall District, Post 1
Mark Pettitt, South Hall District, Post 2
Bill Thompson, County At-Large, Post 5

Mr. William Schofield, Superintendent
Mr. Kevin Bales, Assistant Superintendent, Teaching & Learning

The Hall County Board of Education is an equal opportunity employer and does not discriminate on the basis of race, color, national origin, age, religion, handicapping condition, or sex in its educational programs or employment. Mr. Gordon Higgins is the Title IX Coordinator. Dr. Karla Swafford is the Americans with Disabilities Coordinator; Dr. Steve McDaniel is the Section 504 Coordinator.

Direct inquiries to the Hall County Board of Education, 711 Green Street, Gainesville, GA 30501-0298, Tel. (770) 534-1080, Fax (770) 535-7404, website: www.hallco.org