High School Planning Guide
Courses  Programs  Pathways

Unique Opportunities for a Head Start on YOUR Career Path!

The Hall County School District is committed to ensuring that all students graduate both college and career ready.
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<tr>
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<th>Program of Choice</th>
<th>Career Technology Programs</th>
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<tr>
<td>Cherokee Bluff High School</td>
<td>Program of Choice: LEGACY Program</td>
<td>Career Technology Programs: Criminal Justice with Forensics, Engineering, Health Science, Information Technology, Marketing, Metals Technology</td>
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<tr>
<td>Johnson High School</td>
<td>Program of Choice: Johnson International Scholars Academy (JISA) and International Baccalaureate (IB) Diploma Program</td>
<td>Career Technology Programs: Audio-Video Technology, Business, Construction, Education &amp; Training, Family Consumer Science, Graphic Arts, Health Science, Information Technology</td>
</tr>
<tr>
<td>Chestatee High School</td>
<td>Program of Choice: Renaissance Academy for Creative Enterprises (RACE) and the AP Capstone Program</td>
<td>Career Technology Programs: Audio-Video Technology, Business, Construction, Graphic Arts, Health Science, Information Technology, Marketing</td>
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<tr>
<td>Lanier College High School</td>
<td>Program of Choice: Part-time CTAE Pathways, Full-time Specialized Work-Ready Programs of Choice and Dual Enrollment Opportunities</td>
<td>Career Technology Programs: Agriculture Mechanics, Cosmetology, Culinary Arts, Hospitality &amp; Tourism, HVAC</td>
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<tr>
<td>Flowery Branch High School</td>
<td>Program of Choice: STEAM (Science, Technology, Engineering, Arts and Mathematics) Academy</td>
<td>Career Technology Programs: Business, Education &amp; Training, Engineering, Family Consumer Science, Graphic Arts, Health Science, Information Technology, Marketing, Metals Technology</td>
</tr>
<tr>
<td>West Hall High School</td>
<td>Program of Choice: Innovation Institute (i2), World Scholars and International Baccalaureate (IB) Diploma Program</td>
<td>Career Technology Programs: 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.

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<tr>
<th>Graduation Requirements</th>
<th>Students Entering High School in August 2012 or Later</th>
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<tbody>
<tr>
<td><strong>English/Language Arts</strong></td>
<td>4 units</td>
</tr>
<tr>
<td></td>
<td>Must include</td>
</tr>
<tr>
<td></td>
<td>9th Grade Literature &amp; American Literature</td>
</tr>
<tr>
<td><strong>Social Studies</strong></td>
<td>3 Units</td>
</tr>
<tr>
<td></td>
<td>Must include</td>
</tr>
<tr>
<td></td>
<td>World History, US History, Government, and Economics</td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td>4 Units</td>
</tr>
<tr>
<td></td>
<td>Must include</td>
</tr>
<tr>
<td></td>
<td>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</td>
</tr>
<tr>
<td><strong>Science</strong></td>
<td>4 Units</td>
</tr>
<tr>
<td></td>
<td>Must include</td>
</tr>
<tr>
<td></td>
<td>Physical Science or Physics; Biology; Chemistry, Earth Systems, Environmental Science or AP/IB courses PLUS one additional Science course</td>
</tr>
<tr>
<td><strong>Health &amp; Personal Fitness</strong></td>
<td>1 Unit</td>
</tr>
<tr>
<td></td>
<td>Must include ½ unit of each</td>
</tr>
<tr>
<td><strong>Modern Languages</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Career, Technical and Agriculture Education (CTAE)</strong></td>
<td>3 Units</td>
</tr>
<tr>
<td></td>
<td>(any combination)</td>
</tr>
<tr>
<td></td>
<td>*Students planning to attend most post-secondary institutions must take two units of the same modern language.</td>
</tr>
<tr>
<td><strong>Fine Arts, CTAE, and/or Modern Languages</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Electives</strong></td>
<td>4 Units</td>
</tr>
<tr>
<td><strong>Total Units Required</strong></td>
<td>23 Units</td>
</tr>
</tbody>
</table>

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

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

Career Clusters/Pathways
Georgia students will choose a Career Cluster/Pathway. Under this model, you – with the help of parents, teachers and guidance counselors – will choose a Pathway in one of 17 Career Clusters, and/or in the areas of Advanced Academics, World Language, or Fine Arts. You can select your Pathway based on what you want to do after graduation and take a core set of classes and electives based on your chosen field. You have the freedom to switch Pathways or Clusters if you discover a particular area is not your passion. You can choose Pathways that lead to two-year, four-year, or technical colleges, or directly into a career of your choice.

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

**Language Arts – 4 units**
- 9th Grade Literature and Composition*
- American Literature/Composition*
- Multicultural Literature/World Literature/British Literature
- AP/IB/DE ELA courses

**Mathematics – 4 units**
- Coordinate Algebra*
- Analytic Geometry*
- Advanced Algebra
- PreCalculus/Calculus/Advanced Mathematical Decision Making/Statistics/AP/IB/DE Courses

**Science – 4 units**
- Biology
- Physical Science or Physics
- Chemistry, Earth Systems or Environmental Science
- Other Physical or Life Science Courses
  Or AP/IB/DE Courses

**Social Studies – 3 units**
- World History*
- US History*
- American Government (1/2 unit)*
- Economics (1/2 unit)*

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

**CTAE, Fine Arts, Modern Language – 3 units**
- Any CTAE, Fine Arts or Modern Language courses may be selected
  **CTAE – Career Technical & Agricultural Education**

**Additional Required Electives – 4 units**
- Any combination of courses may be selected.

*Required courses for graduation
Hall County Schools
TENTATIVE SIX-YEAR PLAN OF STUDY FOR STUDENTS
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.

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<tr>
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<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>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
<th>Post-Secondary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Record Carnegie unit courses earned</td>
<td>For promotion to 10th grade: 6 credits</td>
<td>For promotion to 11th grade: 12 credits*</td>
<td>For promotion to 12th grade: 18 credits**</td>
<td>23 credits required in order to receive a high school diploma (refer to chart above)</td>
<td>Record courses taken and earned through Dual Enrollment.</td>
</tr>
</tbody>
</table>

- ELA ____________________
- MA ____________________
- SC ____________________
- HPE ____________________
- CTAE ____________________
-或其他__________________
- FA ____________________
-或其他__________________
- ML ____________________
- ELA ____________________
- MA ____________________
- SC ____________________
- HPE ____________________
- CTAE ____________________
-或其他__________________
- FA ____________________
-或其他__________________
- ML ____________________

*2 Core English, Math, Science plus 1 Core Social Studies

**2 Core English, Science, Social Studies plus 3 Core Math and a planned program to graduate
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 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/</td>
<td>Non-Core</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*

NORTH HALL HIGH SCHOOL

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<th>AGRICULTURE, FOOD &amp; NATURAL RESOURCES</th>
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<tr>
<td>Agricultural Mechanics/Metals Fabrication Pathway (N)</td>
</tr>
</tbody>
</table>
  #3015 Basic Agricultural Science and Technology |
  #3001 Agricultural Mechanics Technology I |
  #3016 Agricultural Metals Fabrication - FY20 |
  Capstone Experience: WBL Internship |
| Veterinary Science Pathway (N) |
  #3015 Basic Agricultural Science and Technology |
  #3064 Animal Science & Biotechnology |
  #3063 Veterinary Science - FY20 |
  Capstone Experience: WBL Internship |
| Agriculture Leadership in Animal Production (N) |
  #3015 Basic Agricultural Science and Technology |
  #3064 Animal Science & Biotechnology |
  #3024 Agribus Mgt/Leadership - FY2 |
  Capstone Experience: WBL Internship |

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<tr>
<th>ARCHITECTURE &amp; CONSTRUCTION</th>
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<td>Heating, Vent, Air Conditioning &amp; Refrigeration (L)</td>
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</table>
  #3135 Industry Fundamentals & Occupational Safety |
  #3137 Introduction to HVACR Systems |
  Capstone Experience: WBL Internship |
| HVACR Electrical Pathway (L) |
  #3135 Industry Fundamentals & Occupational Safety |
  #3137 Introduction to HVACR Systems |
  #3139 Low Voltage Electrical |
  Capstone Experience: WBL Internship |

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<thead>
<tr>
<th>BUSINESS, MANAGEMENT &amp; ADMINISTRATION</th>
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<tbody>
<tr>
<td>Entrepreneurship Pathway (N)</td>
</tr>
</tbody>
</table>
  #3306 Intro to Business and Technology |
  #3320 Legal Environment of Business - FY2 |
  #3360 Entrepreneurship - FY2 |
  Capstone Experience: WBL Internship |

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<thead>
<tr>
<th>EDUCATION &amp; TRAINING</th>
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<tbody>
<tr>
<td>Early Childhood Education Pathway (N)</td>
</tr>
</tbody>
</table>
  #3846 Early Childhood Education I |
  #3843 Early Childhood Education II |
  #3844 Early Childhood Education III |
  Capstone Experience: WBL Internship |

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<tr>
<th>EDUCATION &amp; TRAINING</th>
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<tbody>
<tr>
<td>Teaching As A Profession Pathway (N)</td>
</tr>
</tbody>
</table>
  #3501 Examining the Teaching Profession |
  #3506 Contemporary Issues in Education |
  #3510 Teaching as a Professional Practicum |
  Capstone Experience: WBL Internship |

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<tr>
<th>HEALTH SCIENCE</th>
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<tbody>
<tr>
<td>Diagnostics/Non-Invasive Technology (N)</td>
</tr>
</tbody>
</table>
  #3600/3604 Introduction to Healthcare Science |
  #3602/3612 Essentials of Healthcare |
  Capstone Experience: WBL Internship |
| Biotechnology Research & Development (N) |
  #3600/3604 Introduction to Healthcare Science |
  #3684/3685 Essentials of Biotechnology |
  #3680/3681 Applications of Biotechnology |
  Capstone Experience: WBL Internship |
| Allied Health & Medicine Pathway (N) |
  #3600/3604 Introduction to Healthcare Science |
  #3602/3612 Essentials of Healthcare |
  #3635/3654 Allied Health & Medicine |
  Capstone Experience: WBL Internship |
| Therapeutic Services-Sports Medicine (N) |
  #3600/3604 Introduction to Healthcare Science |
  #3602/3612 Essentials of Healthcare |
  #3657 Sports Medicine |
  Capstone Experience: WBL Internship |

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<tr>
<th>HOSPITALITY &amp; TOURISM</th>
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<tbody>
<tr>
<td>Hospitality, Recreation &amp; Tourism Pathway (L)</td>
</tr>
</tbody>
</table>
  #4205 Marketing Principles |
  #3702 Hospitality, Recreation & Tourism Essentials |
  #3706 Hospitality, Recreation & Tourism Management |
  Capstone Experience: WBL Internship |
| Culinary Arts Pathway (L) |
  #3870 Introduction to Culinary Arts |
  #3871 Culinary Arts I |
  #3872 Culinary Arts II |
  Capstone Experience: WBL Internship |
| Food & Nutrition Pathway (N) |
  #3875 Food, Nutrition & Wellness |
  #3821 Food for Life |
  #3877 Food Science |
  Capstone Experience: WBL Internship |

<table>
<thead>
<tr>
<th>HUMAN SERVICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Care Services-Cosmetology Pathway (L)</td>
</tr>
</tbody>
</table>
  #3800 Intro to Personal Care Services |
  #3814 Cosmetology Serv II |
  Capstone Experience: WBL Internship |
| Computer Science Pathway (N) |
  #3916 Introduction to Digital Technology |
  #3918 Digital Design |
  #3931 Web Design |
  Capstone Experience: WBL Internship |
| Welding Pathway (N) |
  #3135 Occupational Safety and Fundamentals |
  #4105 Machining Operations I |
  Capstone Experience: WBL Internship |

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<tr>
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<td>Machine Operations Pathway (N)</td>
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</table>
  #3135 Occupational Safety and Fundamentals |
  #4105 Machining Operations I |
  Capstone Experience: WBL Internship |
| Veterinary Science Pathway (N) |
  #3139 Low Voltage Electrical |
  #3137 Introduction to HVACR Systems |
  #3135 Industry Fundamentals & Occupational Safety |
  Capstone Experience: WBL Internship |
| Agricultural Metals Fabrication Pathway (N) |
  #3016 Agricultural Metals Fabrication - FY20 |
  Capstone Experience: WBL Internship |

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<td>Sports &amp; Entertainment Marketing Pathway (N)</td>
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  #4205 Marketing Principles |
  #4250 Intro to Sports & Entertainment Marketing |
  Capstone Experience: WBL Internship |
| Marketing Comm & Promotions Pathway (N) |
  #4205 Marketing Principles |
  #4246 Promotion and Professional Sales |
  #4248 Marketing Communications Essentials |
  Capstone Experience: WBL Internship |

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<td>Engineering &amp; Technology Pathway (N)</td>
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</table>
  #4431 Foundations of Engineering/Technology |
  #4446 Engineering Concepts |
  Capstone Experience: WBL Internship |

**Transportation is provided for students from students’ home school to attend the specialty programs at LCCA. Please see your counselor for additional information.**

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

N = North Hall
L = Lanier College Career Academy**

**Please see your counselor for additional information.**

Character Competency Rigor - For All

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)*
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)*
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)*
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)*
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^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^x.M
Prerequisite: Teacher recommendation
Credit Type: L3; Core or elective credit; Does not satisfy the American Literature course requirement

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

International Baccalaureate (IB) English A Literature, Year 1 (American Literature)  1 Unit
International Baccalaureate (IB) English A Literature, Year 2 (World Literature)
CIP #: 23.06800  Hall County #: 1165 (Year 1)^x.M
CIP #: 23.06800  Hall County #: 1165.x.M (Year 1)^
CIP #: 23.06900  Hall County #: 1166 (Year 2)^x.M
CIP #: 23.06900  Hall County #: 1166.x.M (Year 2)^
Prerequisite: Approval of the school IB coordinator; courses must be taken in sequence
Credit Type: L3; Core or elective credit; IB English A, Year 1 may substitute for American Literature course requirement

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

International Baccalaureate (IB) English B, Year 1  1 Unit
International Baccalaureate (IB) English B, Year 2
CIP #: 23.06120  Hall County #: 1167 (Year 1)^x
CIP #: 23.06120  Hall County #: 1167.x.M (Year 1)^
CIP #: 23.06130  Hall County #: 1168 (Year 2)^x
CIP #: 23.06130  Hall County #: 1168.x.M (Year 2)^
Prerequisite: Approval of the school IB coordinator & completion of at least two units of ESOL or other core English credits; courses must be taken in sequence
Credit Type: L3; Core or elective credit; IB English B, Year 1 may substitute for American Literature course requirement

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

Journalism I, II, III, IV  1 Unit
CIP #: 23.03200  Hall County #: 1170 (I)
CIP #: 23.03200  Hall County #: 1171 (II)
CIP #: 23.03300  Hall County #: 1171 (II – Honors)*x
CIP #: 23.03300  Hall County #: 1171.x.H (II – Honors)^
CIP #: 23.03500  Hall County #: 1172 (III)
CIP #: 23.03500  Hall County #: 1175 (III – Honors)*x
CIP #: 23.03500  Hall County #: 1172.x.H (III – Honors)^
Description: Explores journalistic writing through analysis of newspapers, yearbooks, literary magazines, and broadcast journalism publications; concentrates on purpose, influence, structure, and language use through reading, writing, and critical thinking; covers news gathering, ethics, copy writing, editing, and revising; may include typesetting, circulation, and production.

**Advanced Composition**

| CIP #: 23.03400 | Hall County #: 1163 |
| CIP #: 23.03400 | Hall County #: 1163.x.H |

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.

**Writer's Workshop**

| CIP #: 23.03100 | Hall County #: 1160 |
| CIP #: 23.03100 | Hall County #: 1161 |
| CIP #: 23.03100 | Hall County #: 1160.x.H (Honors) |

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.

**English ESOL I – VI**

| CIP #: 23.09100 | Hall County #: 1104 |
| CIP #: 23.09200 | Hall County #: 1105 |
| CIP #: 23.09300 | Hall County #: 1106 |
| CIP #: 23.09400 | Hall County #: 1107 |
| CIP #: 23.09500 | Hall County #: 1108 |
| CIP #: 23.09600 | Hall County #: 1109 |

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.

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

| CIP #: 55.02500 | Hall County #: 1754 |

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**

| CIP #: 55.02700 | Hall County #: 1784 |

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.

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

| CIP #: 23.7114 | Hall County #: 1010 (Year 1) |
| CIP #: 23.7114 | Hall County #: 1011 (Year 1) |
| CIP #: 23.7124 | Hall County #: 1012 (Year 1) |

Description: Must be taken in sequence

Credit Type: L1 or L2; Elective credit only
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

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td><strong>GSE Foundations of Algebra</strong></td>
<td>1</td>
</tr>
<tr>
<td>CIP: 27.04810</td>
<td>Hall County #: 1311</td>
</tr>
<tr>
<td>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.</td>
<td></td>
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<tr>
<td>Credit Type: L1</td>
<td></td>
</tr>
<tr>
<td>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.</td>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td><strong>GSE Coordinate Algebra</strong></td>
<td>1</td>
</tr>
<tr>
<td>CIP: 27.09710</td>
<td>Hall County #: 1325*</td>
</tr>
<tr>
<td>CIP: 27.09710</td>
<td>Hall County #: 1328* (Honors)∞</td>
</tr>
<tr>
<td>CIP: 27.09710</td>
<td>Hall County #: 1325.x.H* (Honors)^</td>
</tr>
<tr>
<td>Prerequisite: None</td>
<td></td>
</tr>
<tr>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>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.</td>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td><strong>GSE Coordinate Algebra Support</strong></td>
<td>1</td>
</tr>
<tr>
<td>CIP: 27.09810</td>
<td>Hall County #: 1307</td>
</tr>
<tr>
<td>Prerequisite: None</td>
<td></td>
</tr>
<tr>
<td>Credit Type: L1; Elective credit only</td>
<td></td>
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<tr>
<td>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.</td>
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<th>Course</th>
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<tr>
<td><strong>GSE Analytic Geometry</strong></td>
<td>1</td>
</tr>
<tr>
<td>CIP #: 27.09720</td>
<td>Hall County #: 1332* (Honors)∞</td>
</tr>
<tr>
<td>CIP #: 27.09720</td>
<td>Hall County #: 1331.x.H* (Honors)^</td>
</tr>
<tr>
<td>Prerequisite: Coordinate Algebra</td>
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<tr>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>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.</td>
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<th>Course</th>
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<tbody>
<tr>
<td><strong>GSE Analytic Geometry Support</strong></td>
<td>1</td>
</tr>
<tr>
<td>CIP #: 27.09820</td>
<td>Hall County #: 1308</td>
</tr>
<tr>
<td>Prerequisite: Coordinate Algebra</td>
<td></td>
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<tr>
<td>Credit Type: L1; Elective credit only</td>
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<tr>
<td>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.</td>
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<th>Course</th>
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<tbody>
<tr>
<td><strong>GSE Accelerated Analytic Geometry B/Advanced Algebra</strong></td>
<td>1</td>
</tr>
<tr>
<td>CIP #: 27.09760</td>
<td>Hall County #: 1342* (Honors)∞</td>
</tr>
<tr>
<td>CIP #: 27.09760</td>
<td>Hall County #: 1342.x.H* (Honors)^</td>
</tr>
<tr>
<td>Prerequisite: Teacher recommendation</td>
<td></td>
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<tr>
<td>Credit Type: L2; Core or elective credit for students entering ninth grade in 2012-2013 or later; may substitute for GSE Analytic Geometry</td>
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</tbody>
</table>
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
GSE Advanced Algebra (Honors)
CIP #: 27.09730 Hall County #: 1326
CIP #: 27.09730 Hall County #: 1327 (Honors)*
CIP #: 27.09730 Hall County #: 1326.x.H (Honors)^
Prerequisite: Analytic Geometry
Credit Type: L1 or L2; Required for students entering ninth grade in 2012-2013 or later; May substitute for Mathematics III for students entering ninth grade in 2008-2009, 2009-2010, 2010-2011 and 2011-2012.

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

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

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

GSE Precalculus
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
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
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) Calculus AB
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 1**  
1 Unit

| CIP #: 27.05220 | Hall County #: 1361
| CIP #: 27.05220 | Hall County #: 1361.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: Course where students develop their mathematics and problem-solving skills with practical applications to real-world problems. Students will harness the power of technology as they explore mathematical models. This subject is appropriate for students who will go on to study subjects such as social sciences, natural sciences, statistics, business, some economics, psychology, design, etc.

**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 1**  
1 Unit

| CIP #: 27.06120 | Hall County #: 1363 (Year 1)
| CIP #: 27.06120 | Hall County #: 1363.x.M (Year 1)

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

Credit Type: L3; Core or elective credit

Description: Course where students develop strong skills in mathematical arguments and thinking. Students explore real and abstract applications of mathematical ideas. This subject is appropriate for students who will go on to study subjects with substantial mathematics content such as mathematics itself, engineering, physical sciences, economics, etc.

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

| CIP #: 27.06130 | Hall County #: 1364 (Year 2)
| CIP #: 27.06130 | Hall County #: 1364.x.M (Year 2)

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

Credit Type: L3; Core or elective credit

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

**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

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

<table>
<thead>
<tr>
<th>CIP</th>
<th>Hall County</th>
<th>Note</th>
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</thead>
<tbody>
<tr>
<td>26.01200</td>
<td>1400*</td>
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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∞  
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∞  
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  
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.

Environmental Science  
Environmental Science (Honors)  
Advanced Placement (AP) Environmental Science

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

Prerequisite: Teacher recommendation for Honors or AP
Credit Type: L1, L2 or L3; Core or elective credit; life science course; students enrolling in ninth grade for the first time in 2008 or later must take Chemistry I or Earth Systems or Environmental Science

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

Forensic Science  
Forensic Science (Honors)

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

Human Anatomy and Physiology  
Human Anatomy and Physiology (Honors)

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

Prerequisite: Teacher recommendation for Honors
Credit Type: L1 or L2; Core or elective credit; life science course

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

International Baccalaureate (IB) Chemistry, Year 1

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

Prerequisite: Approval of the school IB coordinator, Chemistry & Advanced Algebra recommended
Credit Type: L3; Core or elective credit; physical science course

Description: Provides a rigorous survey of university level topics in chemistry presented in a global/international context; students will review current and historical research from all nations with students from a variety of cultural origins.
International Baccalaureate (IB) Chemistry, Year 2  1 Unit
CIP #: 40.05600  Hall County #: 1447
CIP #: 40.05600  Hall County #: 1447.x.M
Prerequisite: Approval of the school IB coordinator, Chemistry & Advanced Algebra recommended
Credit Type: L3; Core or elective credit; physical science course

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

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

CIP #: 40.09500  Hall County #: 1475
CIP #: 40.09500  Hall County #: 1475.x.M
CIP #: 40.09500  Hall County #: 1476
CIP #: 40.09500  Hall County #: 1476.x.M
Prerequisite: Approval of the school IB coordinator, Advanced Algebra recommended
Credit Type: L3; Core or elective credit; general advanced science course

Description: Inquiry and problem-solving are at the heart of the subject. The design cycle is used as a tool, or methodology to structure the inquiry and analysis of problems, the development of feasible solutions, and the 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
CIP #: 40.07100  Hall County #: 1473
Prerequisite: None
Credit Type: L1; Core or elective credit; physical science course

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

Physics I  1 Unit
Physics I (Honors)
Advanced Placement (AP) Physics 1
CIP #: 40.08100  Hall County #: 1454
CIP #: 40.08100  Hall County #: 1455 (Honors)
CIP #: 40.08100  Hall County #: 1454.x.H (Honors)
CIP #: 40.08310  Hall County #: 1456 (AP)
CIP #: 40.08310  Hall County #: 1456.x.M (AP)
Prerequisite: Teacher recommendation for Honors; Accelerated Analytic Geometry/Advanced Algebra; Analytic Geometry; Advanced Algebra for AP
Credit Type: L1, L2 or L3; Core or elective credit; physical science course; students first entering ninth grade in 2008 or later must take Physical Science or Physics I

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

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

CIP #: 40.08500  Hall County #: 1458
CIP #: 40.08500  Hall County #: 1458.x.M
CIP #: 40.08600  Hall County #: 1459
CIP #: 40.08600  Hall County #: 1459.x.M
Prerequisite: Approval of the school IB coordinator; Year 2 requires IB Physics SL
Credit Type: L3; Core or elective credit; physical science course

Description: Year 1 introduces laws of physics, experimental skills required in physics, and social and historical aspects of physics as an evolving body of human knowledge about nature. Includes measurement, mechanics, thermal physics and properties of matter, waves, electricity and magnetism, and atomic and nuclear physics. Year 2 focuses on electricity and magnetism, atomic physics, optics, and relativity. Students complete two of five options on similar topics. To meet this aim, twenty-five percent of a student’s classroom time must be devoted to performing practical (lab) work that covers a range of topics and skills, including a multi-disciplinary group science project.
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 #: 55.026600  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^ (Year 1)
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

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)^ (Year 1)
CIP #: 45.08300  Hall County #: 1200.x.H (Honors)^ (Year 1)
CIP #: 45.08110  Hall County #: 1204 (AP)^ (Year 1)
CIP #: 45.08110  Hall County #: 1204.x.M (AP)^ (Year 1)
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, Sectionism, 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 #: 1235.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

Advanced Placement (AP) Microeconomics

1 Unit

CIP #: 45.06100  Hall County #: 1240*
CIP #: 45.06100  Hall County #: 1245* (Honors)∞
CIP #: 45.06100  Hall County #: 1240.x.H* (Honors)^
CIP #: 45.06200  Hall County #: 1246 (AP Macro)∞
CIP #: 45.06200  Hall County #: 1246.x.M (AP Macro)^
CIP #: 45.06300  Hall County #: 1247 (AP Micro)∞
CIP #: 45.06300  Hall County #: 1247.x.M (AP Micro)

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

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

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

1 Unit

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

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

Prerequisite: Approval of the school IB coordinator
Credit Type: L3; Elective credit; May substitute for the U.S. History course requirement
Description: Comprehensive examination of major events that have shaped the history of the western hemisphere, and a look at the individuals from the past and their struggles for basic goals such as freedom, equality, and economic opportunity; includes the importance of historical evidence and various perspectives in the western hemisphere during 1845-1945.

International Baccalaureate (IB) Psychology, Year 1
1 Unit
International Baccalaureate (IB) Psychology, Year 2
CIP #: 45.01700 Hall County #: 1257
CIP #: 45.01700 Hall County #: 1257.x.M (Year 1)^
CIP #: 45.01710 Hall County #: 1258
CIP #: 45.01710 Hall County #: 1258.x.M (Year 2)^
Prerequisite: Approval of the school IB coordinator; courses must be taken in sequence
Credit Type: L3; Elective credit

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

Psychology
.5 or 1 Unit
Advanced Placement (AP) Psychology
1 Unit
CIP #: 45.01500 Hall County #: 1253
CIP #: 45.01600 Hall County #: 1255 (AP)^
Prerequisite: None; teacher recommendation for AP
Credit Type: L1 or L3; Elective credit

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

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

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

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

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

Personal Financial Literacy
.5 or 1 Unit
CIP #: 45.09200 Hall County #: 1251
Prerequisite: None
Credit Type: L1; Elective credit

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

Communication Skills in Social Studies (ELL)
1 Unit
CIP #: 55.02130 Hall County #: 1787
Prerequisite: Special placement for limited English speaking students determined through language proficiency testing
Credit Type: L1; Elective credit only

Description: This course supports and enhances literacy and listening skills necessary for success in the social studies content areas; particular emphasis is on vocabulary, speaking, listening and reading skills in social studies.
Social Sciences Work-Based Learning (WBL) Placement   .5 or 1 Unit

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

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

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

MODERN LANGUAGES

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

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

Prerequisite: Courses must be taken in sequence; Virtual format available with approval of Instructional Coordinator
Credit Type: L1 or L2; Core or elective credit; Spanish I, II, and I – IV Honors available as E-courses

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

Spanish for Native Spanish Speakers I, II, III  1 Unit

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

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

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

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

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

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

Description: Advanced courses designed to expand the students’ ability to communicate in Spanish and discuss issues related to literature, history, social issues, politics, and current events; classes will be conducted in Spanish, and the students will have many proficiency-based opportunities to practice their skills in listening, speaking, reading and writing.
International Baccalaureate (IB) Spanish ab initio, Year 1  1 Unit
International Baccalaureate (IB) Spanish ab initio, Year 2

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.

Spoken Languages Work-Based Learning (WBL) Placement .5 or 1 Unit

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

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

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

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<tr>
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<td>52.03100</td>
<td>2110.x.HX (I - Honors)</td>
</tr>
<tr>
<td>52.03100</td>
<td>2110.x.H (I - Honors)</td>
</tr>
<tr>
<td>52.03200</td>
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</tr>
<tr>
<td>52.03200</td>
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</tr>
<tr>
<td>52.03300</td>
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<td>52.03300</td>
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</tr>
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<tr>
<td>52.03400</td>
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<tr>
<td>52.03400</td>
<td>2113.x.HX (IV - Honors)</td>
</tr>
<tr>
<td>52.03400</td>
<td>2113.x.H (IV - Honors)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>CIP #</th>
<th>Hall County #</th>
</tr>
</thead>
<tbody>
<tr>
<td>52.04100</td>
<td>2120 (I)</td>
</tr>
<tr>
<td>52.04100</td>
<td>2120.x.HX (I - Honors)</td>
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<td>52.04200</td>
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<td>52.04200</td>
<td>2121.x.HX (II - Honors)</td>
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<td>52.04200</td>
<td>2121.x.H (II - Honors)</td>
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<tr>
<td>52.04300</td>
<td>2130 (III)</td>
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<td>52.04300</td>
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<td>52.04300</td>
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</tr>
<tr>
<td>52.04400</td>
<td>2131.x.H (IV - Honors)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>CIP #</th>
<th>Hall County #</th>
</tr>
</thead>
<tbody>
<tr>
<td>52.05300</td>
<td>2123 (Year 1)</td>
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### International Baccalaureate (IB) Theatre, Year 2

<table>
<thead>
<tr>
<th>CIP #</th>
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<tbody>
<tr>
<td>52.05400</td>
<td>2124 (Year 2)</td>
</tr>
</tbody>
</table>

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

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

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

<table>
<thead>
<tr>
<th>CIP #</th>
<th>Hall County #</th>
</tr>
</thead>
<tbody>
<tr>
<td>52.7114</td>
<td>2140 (Year 1)</td>
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<tr>
<td>52.7114</td>
<td>2141 (Year 1)</td>
</tr>
<tr>
<td>52.7124</td>
<td>2142 (Year 1)</td>
</tr>
<tr>
<td>52.7124</td>
<td>2143 (Year 1)</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 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.
<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Music Appreciation I, II</strong></td>
<td>.5 or 1</td>
<td>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.</td>
</tr>
<tr>
<td>CIP #: 53.014</td>
<td>2200  (I)</td>
<td></td>
</tr>
<tr>
<td>CIP #: 53.015</td>
<td>2201  (II)</td>
<td></td>
</tr>
<tr>
<td>Prerequisite: None</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Credit Type: L1; Core or elective credit</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Music Theory &amp; Composition</strong></td>
<td>1 Unit</td>
<td></td>
</tr>
<tr>
<td>Advanced Placement (AP) Music Theory</td>
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<tr>
<td>CIP #: 53.02100</td>
<td>2205  (Beginning)</td>
<td></td>
</tr>
<tr>
<td>CIP #: 53.02200</td>
<td>2206  (Intermediate)</td>
<td></td>
</tr>
<tr>
<td>CIP #: 53.02270</td>
<td>2207  (Advanced)</td>
<td></td>
</tr>
<tr>
<td>CIP #: 53.02300</td>
<td>2290  (AP)</td>
<td></td>
</tr>
<tr>
<td>CIP #: 53.02300</td>
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<tr>
<td>Prerequisite: None</td>
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<td></td>
</tr>
<tr>
<td>Credit Type: L1 or L3; Core or elective credit</td>
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<td></td>
</tr>
<tr>
<td><strong>Intermediate Band I – IV</strong></td>
<td>.5 or 1</td>
<td>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.</td>
</tr>
<tr>
<td>CIP #: 53.03710</td>
<td>2210  (I)</td>
<td></td>
</tr>
<tr>
<td>CIP #: 53.03720</td>
<td>2211  (II)</td>
<td></td>
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<tr>
<td>CIP #: 53.03730</td>
<td>2212  (III)</td>
<td></td>
</tr>
<tr>
<td>CIP #: 53.03740</td>
<td>2213  (IV)</td>
<td></td>
</tr>
<tr>
<td>Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Credit Type: L1; Core or elective credit</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Intermediate Instrumental Ensemble I – IV</strong></td>
<td>1 Unit</td>
<td>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.</td>
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<tr>
<td>CIP #: 53.07510</td>
<td>2411  (I)</td>
<td></td>
</tr>
<tr>
<td>CIP #: 53.07520</td>
<td>2412  (II)</td>
<td></td>
</tr>
<tr>
<td>CIP #: 53.07530</td>
<td>2413  (III)</td>
<td></td>
</tr>
<tr>
<td>CIP #: 53.07540</td>
<td>2414  (IV)</td>
<td></td>
</tr>
<tr>
<td>Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence</td>
<td></td>
<td></td>
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<tr>
<td>Credit Type: L1; Core or elective credit</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Intermediate Jazz I – IV</strong></td>
<td>1 Unit</td>
<td>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.</td>
</tr>
<tr>
<td>CIP #: 53.06510</td>
<td>2224  (I)</td>
<td></td>
</tr>
<tr>
<td>CIP #: 53.06520</td>
<td>2225  (II)</td>
<td></td>
</tr>
<tr>
<td>CIP #: 53.06530</td>
<td>2226  (III)</td>
<td></td>
</tr>
<tr>
<td>CIP #: 53.06540</td>
<td>2227  (IV)</td>
<td></td>
</tr>
<tr>
<td>Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence</td>
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<td></td>
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<tr>
<td>Credit Type: L1; Core or elective credit</td>
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<td></td>
</tr>
<tr>
<td><strong>Advanced Band I – IV</strong></td>
<td>.5 or 1</td>
<td></td>
</tr>
<tr>
<td>CIP #: 53.03810</td>
<td>2214  (I)</td>
<td></td>
</tr>
<tr>
<td>CIP #: 53.03820</td>
<td>2215  (II)</td>
<td></td>
</tr>
<tr>
<td>CIP #: 53.03830</td>
<td>2216  (III)</td>
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<tr>
<td>CIP #: 53.03830</td>
<td>2218  (III – Honors)</td>
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<tr>
<td>CIP #: 53.03830</td>
<td>2216.x.H (III – Honors)</td>
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</tr>
<tr>
<td>CIP #: 53.03840</td>
<td>2217  (IV)</td>
<td></td>
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</tbody>
</table>
Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence; teacher recommendation required for Honors
Credit Type: L1 or L2; Core or elective credit

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

Advanced Instrumental Ensemble I – IV 1 Unit
CIP #: 53.07610 Hall County #: 2421 (I)
CIP #: 53.07620 Hall County #: 2422 (II)
CIP #: 53.07630 Hall County #: 2423 (III)
CIP #: 53.07630 Hall County #: 2428 (III – Honors)
CIP #: 53.07630 Hall County #: 2423 (III – Honors)
CIP #: 53.07640 Hall County #: 2424 (IV)
CIP #: 53.07640 Hall County #: 2429 (IV – Honors)
CIP #: 53.07640 Hall County #: 2424 (IV – Honors)
Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence
Credit Type: L1 or L2; Core or elective credit

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

Advanced Jazz I – IV 1 Unit
CIP #: 53.06610 Hall County #: 2441 (I)
CIP #: 53.06620 Hall County #: 2442 (II)
CIP #: 53.06630 Hall County #: 2443 (III)
CIP #: 53.06630 Hall County #: 2448 (III – Honors)
CIP #: 53.06630 Hall County #: 2443.x.H (III – Honors)
CIP #: 53.06640 Hall County #: 2444 (IV)
CIP #: 53.06640 Hall County #: 2449 (IV – Honors)
CIP #: 53.06640 Hall County #: 2444.x.H (IV – Honors)
Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence
Credit Type: L1 or L2; Core or elective credit

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

Intermediate Choral Ensemble I – III .5 or 1 Unit
CIP #: 53.07210 Hall County #: 2280 (I)
CIP #: 53.07220 Hall County #: 2281 (II)
CIP #: 53.07230 Hall County #: 2282 (III)
Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence
Credit Type: L1; Core or elective credit

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

Intermediate Chorus I – IV .5 or 1 Unit
CIP #: 54.02210 Hall County #: 2311 (I)
CIP #: 54.02220 Hall County #: 2312 (II)
CIP #: 54.02230 Hall County #: 2313 (III)
CIP #: 54.02270 Hall County #: 2314 (IV)
Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence
Credit Type: L1; Core or elective credit

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

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

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.

International Baccalaureate (IB) Music, Year 1

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.

Music 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.

VISUAL ARTS

Visual Arts Comprehensive I - IV

Credit Type: L1 or 1 Unit

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

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

Drawing I, II  
1 Unit

Prerequisite: Visual Arts Comprehensive I; Courses must be taken in sequence.
Credit Type: L1; Core or elective credit

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

Drawing & Painting I, II  
1 Unit

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.

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

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

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 art in a holistic and individualistic manner; develops aesthetic, artistic and cultural knowledge of visual art 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

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

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.
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.

HEALTH and PHYSICAL EDUCATION

Health                      .5 Unit
CIP #: 17.01100  Hall County #: 1503
Prerequisite: None
Credit Type: L1; Required for all students; available as E-course

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

Personal Fitness             .5 Unit
CIP #: 36.05100  Hall County #: 1506
Prerequisite: None
Credit Type: L1; Required for all students; available as E-course

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

Weight Training  .5 or 1 Unit

Weight Training (Advanced)
CIP #: 36.05400  Hall County #: 1530
CIP #: 36.06400  Hall County #: 1531 (Advanced)
Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence
Credit Type: L1; Elective credit only

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

Body Sculpting  .5 or 1 Unit

Body Sculpting (Advanced)
CIP #: 36.05600  Hall County #: 1532
CIP #: 36.06600  Hall County #: 1533 (Advanced)
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
Physical Conditioning (Advanced)
CIP #: 36.05200 Hall County #: 1528
CIP #: 36.06200 Hall County #: 1529 (Advanced)
Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence
Credit Type: L1; Elective credit only

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

Exercise and Weight Control
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)
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)
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.

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

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

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
<th>CIP #:</th>
<th>Hall County #:</th>
<th>Prerequisite</th>
<th>Credit Type</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Basic Agriculture Science</strong></td>
<td>1</td>
<td>02.471</td>
<td>3015</td>
<td>None</td>
<td>L1; Core or elective credit</td>
<td>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.</td>
</tr>
<tr>
<td><strong>Animal Science &amp; Biotechnology</strong></td>
<td>1</td>
<td>02.421</td>
<td>3064</td>
<td>Basic Agriculture recommendd</td>
<td>L1; Core or elective credit</td>
<td>Introduces the scientific principles that underlie the breeding and husbandry of agricultural animals, and the production, processing, and distribution of agricultural animal products.</td>
</tr>
<tr>
<td><strong>Veterinary Science</strong></td>
<td>1</td>
<td>01.432</td>
<td>3063</td>
<td>Basic Agriculture recommended</td>
<td>L1; Core or elective credit</td>
<td>Covers the basics of animal care. Topics covered include disease, parasites, feeding, shelter, grooming, and general animal care.</td>
</tr>
<tr>
<td><strong>Agricultural Mechanics Technology I – II</strong></td>
<td>1</td>
<td>01.421</td>
<td>3001 (I)</td>
<td>Basic Agriculture recommended</td>
<td>L1; Core or elective credit</td>
<td>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.</td>
</tr>
<tr>
<td><strong>Agricultural Metals Fabrication</strong></td>
<td>1</td>
<td>01.42400</td>
<td>3018</td>
<td>Basic Agriculture and Agricultural Mechanics I recommended</td>
<td>L1; Core or elective credit</td>
<td>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.</td>
</tr>
<tr>
<td><strong>Agribusiness Management and Leadership</strong></td>
<td>1</td>
<td>01.412</td>
<td>3024</td>
<td>Basic Agriculture recommended</td>
<td>L1; Core or elective credit</td>
<td></td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>CIP #:</th>
<th>Hall County #:</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>01.7114</td>
<td>3081</td>
<td></td>
</tr>
<tr>
<td>01.7214</td>
<td>3082</td>
<td>Year 1</td>
</tr>
<tr>
<td>01.7124</td>
<td>3083</td>
<td>Year 1</td>
</tr>
<tr>
<td>01.7224</td>
<td>3084</td>
<td>Year 1</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.

ARCHITECTURE & CONSTRUCTION

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

**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

<table>
<thead>
<tr>
<th>CIP #:</th>
<th>Hall County #:</th>
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<tbody>
<tr>
<td>46.545</td>
<td>3135</td>
</tr>
</tbody>
</table>

Prerequisite: None

Credit Type: L1; Core or elective credit

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

**Introduction to HVACR Systems** 1 Unit

<table>
<thead>
<tr>
<th>CIP #:</th>
<th>Hall County #:</th>
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</thead>
<tbody>
<tr>
<td>47.41400</td>
<td>3137</td>
</tr>
</tbody>
</table>

Prerequisite: Industry Fundamentals and Occupational Safety

Credit Type: L1; Core or elective credit

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

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

<table>
<thead>
<tr>
<th>CIP #:</th>
<th>Hall County #:</th>
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</thead>
<tbody>
<tr>
<td>47.41500</td>
<td>3138</td>
</tr>
</tbody>
</table>

Prerequisite: Introduction to HVACR Systems

Credit Type: L1; Core or elective credit

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

**Low Voltage Electrical** 1 Unit

<table>
<thead>
<tr>
<th>CIP #:</th>
<th>Hall County #:</th>
</tr>
</thead>
<tbody>
<tr>
<td>47.416</td>
<td>3139</td>
</tr>
</tbody>
</table>

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

Prerequisite: Application process required and acceptance into the program

Credit Type: L1; Core or elective credit; courses are designed as yearlong courses; up to three units may be earned at one time

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

Construction Technology Work-Based Learning (WBL) Placement

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

Prerequisite: Application process required and acceptance into the program

Credit Type: L1; Core or elective credit; courses are designed as yearlong courses; up to three units may be earned at one time

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

Architecture & Construction Work-Based Learning (WBL) Placement

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

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

Credit Type: L1; Core or elective credit

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

ARTS, A/V TECHNOLOGY & COMMUNICATIONS

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

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

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

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

Credit Type: L1; Core or elective credit

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

Precision Production Occupations Work-Based Learning (WBL) Placement

| 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) |

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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.

**Entrepreneurship Pathway (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
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.

**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.

**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 #: 07.7124 Hall County #: 3392 (Year 1)
CIP #: 07.7114 Hall County #: 3393 (Year 1) CIP #: 07.7124 Hall County #: 3394 (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 #: 3392.7.H (Year 1) Honors
CIP #: 07.7114 Hall County #: 3392.7.HX (Year 1) Honors
CIP #: 07.7124 Hall County #: 3395.7.H (Year 1) Honors
CIP #: 07.7124 Hall County #: 3395.7.HX (Year 1) Honors
CIP #: 07.7124 Hall County #: 3396.7.H (Year 1) Honors
CIP #: 07.7124 Hall County #: 3396.7.HX (Year 1) Honors

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

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

EDUCATION & TRAINING

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

Teaching As A Profession Pathway (N) Early Childhood Care & Education Pathway* (N)
- Examining the Teaching Profession (#3501)
- Contemporary Issues in Education (#3506)
- Teaching as a Profession Practicum (#3510)
- Early Childhood Education I (#3846)
- Early Childhood Education II (#3843)
- Early Childhood Education III (#3844)

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

Examining the Teaching Profession 1 Unit

CIP #: 13.011 Hall County #: 3501 (Honors)"
CIP #: 13.011 Hall County #: 3501.0.H (Honors)✓
Prerequisite: Must be in grades 10-12
Credit Type: L2; Elective credit; course may be blocked for two periods in a semester

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

Contemporary Issues in Education 1 Unit

CIP #: 13.012 Hall County #: 3506 (Honors)"
CIP #: 13.012 Hall County #: 3506.0.H (Honors)✓
Prerequisite: Examining the Teaching Profession
Credit Type: L2; Elective credit; course may be blocked for two periods in a semester

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

Teaching as a Profession Practicum 1 Unit

CIP #: 13.01300 Hall County #: 3510 (Honors)"
CIP #: 13.01300 Hall County #: 3510.0.H (Honors)✓
Prerequisite: Examining the Teaching Profession or approval of WBL Coordinator
Credit Type: L2; Elective credit; course may be blocked for two periods in a semester

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

CIP #: 20.42400  
Prerequisite: Early Childhood Education I  
Credit Type: L1; Core or elective credit

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

Early Childhood Education III

CIP #: 20.42500  
Prerequisite: Early Childhood Education II  
Credit Type: L1; Core or elective credit

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

Education & Training Work-Based Learning (WBL) Placement

CIP #: 13.7114  
Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; junior or senior; able to provide own transportation; & concurrently enrolled in a CTAE course or previously taken a CTAE course  
Credit Type: L1 or L2; Core or elective credit

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

Early Childhood Work-Based Learning (WBL) Placement

CIP #: 20.7114  
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.
Introduction to Business & Technology  1 Unit
CIP #: 07.4413  Hall County #: 3306
Prerequisite: None
Credit Type: L1; Core or elective credit

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

Business Computer Science Work-Based Learning (WBL) Placement  .5 or 1 Unit
CIP #: 07.7114  Hall County #: 3391 (Year 1)  CIP #: 07.7214  Hall County #: 3395 (Year 2)
CIP #: 07.7114  Hall County #: 3392 (Year 1)  CIP #: 07.7214  Hall County #: 3396 (Year 2)
CIP #: 07.7124  Hall County #: 3393 (Year 1)  CIP #: 07.7224  Hall County #: 3397 (Year 2)
CIP #: 07.7124  Hall County #: 3394 (Year 1)  CIP #: 07.7224  Hall County #: 3398 (Year 2)

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.

HEALTH SCIENCE

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

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

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

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

Biotechnology Research & Development (N)
- Introduction to Healthcare Science (#3600/3604)
- Essentials of Healthcare (#3602/3612)
- Applications of Biotechnology (#3680/3681)

Introduction to Healthcare Science  1 Unit
CIP #: 25.521  Hall County #: 3600
CIP #: 25.521  Hall County #: 3600.0.H (Honors)ˆ
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)ˆ
CIP #: 25.44000  Hall County #: 3612 (Honors)∞
Prerequisite: Introduction to Healthcare Science
Credit Type: L1 or L2; Core or elective credit; course meets fourth science requirement for students entering ninth grade in 2008 and later and is recognized by the Board of Regents as such; beginning in 2015, students who earn credit for this course will also receive credit for Human Anatomy and Physiology, CIP #: 26.07300

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

Allied Health and Medicine 1 Unit
CIP #: 25.43700  Hall County #: 3654
CIP #: 25.43700  Hall County #: 3654.0.H (Honors)*
CIP #: 25.43700  Hall County #: 3653 (Honors)**
Prerequisite: Essentials of Healthcare
Credit Type: L1 or L2; Core or elective credit

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

Sports Medicine 1 Unit
CIP #: 25.44600  Hall County #: 3657
Prerequisite: Introduction to Healthcare Science
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: 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.

Essentials of Biotechnology 1 Unit
CIP #: 25.570  Hall County #: 3684
CIP #: 25.570  Hall County #: 3684.0.H (Honors)*
CIP #: 25.570  Hall County #: 3685 (Honors)**
Prerequisite: None
Credit Type: L1 or L2; Core or elective credit; course meets fourth science requirement for students entering ninth grade in 2008 and later and is recognized by the Board of Regents as such

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

Applications of Biotechnology 1 Unit
CIP #: 25.569  Hall County #: 3680
CIP #: 25.569  Hall County #: 3680.0.H (Honors)*
CIP #: 25.569  Hall County #: 3681 (Honors)**
Prerequisite: None
Credit Type: L1 or L2; Core or elective credit; course meets fourth science requirement for students entering ninth grade in 2008 and later and is recognized by the Board of Regents as such

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

Non-Invasive Diagnostic Technology 1 Unit
CIP #: 25.44500  Hall County #: 3614
Prerequisite: Introduction to Healthcare Science; Essentials of Healthcare
Credit Type: L1; Core or elective credit

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

Health Science Technology Work-Based Learning (WBL) Placement .5 or 1 Unit
CIP #: 25.7114  Hall County #: 3661 (Year 1)  CIP #: 25.7214  Hall County #: 3665 (Year 2)
CIP #: 25.7114  Hall County #: 3662 (Year 1)  CIP #: 25.7214  Hall County #: 3666 (Year 2)
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**

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<th>CIP #: 08.7114</th>
<th>Hall County #: 3741 (Year 1)</th>
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<td>CIP #: 08.7124</td>
<td>Hall County #: 3742 (Year 1)</td>
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Prerequisite: Application process required

Credit Type: L1; Core or elective credit

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

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

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<tr>
<th>CIP #: 08.7114</th>
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<td>CIP #: 08.7114</td>
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<td>CIP #: 08.7114</td>
<td>Hall County #: 4262.7.HX (Year 2) Honors</td>
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Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; junior or senior; able to provide own transportation; & concurrently enrolled in a CTAE course or previously taken a CTAE course

Credit Type: L1; Core or elective credit

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

**Introduction to Culinary Arts**

| CIP #: 20.53100 | Hall County #: 3870 |

Prerequisite: None

Credit Type: L1; Core or elective credit

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

**Culinary Arts I**

| CIP #: 20.53210 | Hall County #: 3871 |

Prerequisite: Introduction to Culinary Arts

Credit Type: L1; Core or elective credit

Description: Building from techniques and skills learned in Introduction to Culinary Arts, this fundamentals course begins to involve in-depth knowledge and hands on skill master of Culinary Arts. Course available only at Lanier College Career Academy (LCCA).

**Culinary Arts II**

| CIP #: 20.53310 | Hall County #: 3872 |

Prerequisite: Culinary Arts I

Credit Type: L1; Core or elective credit

Description: Course build on techniques and skills learned in Culinary Arts I with strong importance given to refining hands on production of the classic fundamentals in the commercial kitchen. Course available only at Lanier College Career Academy (LCCA).

**Culinary Practicum**

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<tr>
<th>CIP #: 20.7114</th>
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<tr>
<td>CIP #: 20.7124</td>
<td>Hall County #: 3892</td>
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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

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<tr>
<th>Course Code</th>
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<th>Hall County #: 3881 (Year 1)</th>
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<td>CIP #: 20.7124</td>
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<td>CIP #: 20.7114</td>
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<td>CIP #: 20.7124</td>
<td>Hall County #: 3882.0.HX (Year 1)</td>
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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)

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

Introduction to Personal Care Services

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<tr>
<th>Course Code</th>
<th>CIP #: 12.544</th>
<th>Hall County #: 3800</th>
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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

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<tr>
<th>Course Code</th>
<th>CIP #: 12.41000</th>
<th>Hall County #: 3814</th>
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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

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<tr>
<th>Course Code</th>
<th>CIP #: 12.41100</th>
<th>Hall County #: 3815</th>
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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

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<tr>
<th>Course Code</th>
<th>CIP #: 12.549</th>
<th>Hall County #: 3803</th>
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Prerequisite: Cosmetology Services III
Credit Type: L1; Core or elective credit
Description: Provides in-depth competencies in chemical procedures, including permanent waving, chemical relaxing and hair coloring. Course available only at Lanier College Career Academy (LCCA).

**Advanced Cosmetology Services**  
**1 Unit**

CIP #: 12.550  
Hall County #: 3808  
Prerequisite: Cosmetology Services III  
Credit Type: L1; Core or elective credit

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

**Cosmetology Practicum I (Internship I)**  
**1 Unit**

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

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

**Cosmetology Practicum II (Internship II)**  
**1 Unit**

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

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

**Cosmetology Practicum III (Internship III)**  
**1 Unit**

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

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

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

CIP #: 12.7114  
Hall County #: 3831 (Year 1)  
CIP #: 12.7214  
Hall County #: 3833 (Year 2)  
CIP #: 12.7124  
Hall County #: 3832 (Year 1)  
CIP #: 12.7224  
Hall County #: 3834 (Year 2)

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

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

**Food, Nutrition & Wellness**  
**1 Unit**

CIP #: 20.41610  
Hall County #: 3875  
Prerequisite: None  
Credit Type: L1; Core or elective credit

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

**Food for Life**  
**1 Unit**

CIP #: 20.414  
Hall County #: 3821  
Prerequisite: Food, Nutrition & Wellness recommended  
Credit Type: L1; Core or elective credit; course meets fourth science requirement for students entering ninth grade in 2008 and later and is recognized by the Board of Regents as such. Beginning in school year 2017-18, students will earn one unit of credit in Food for Life with successful completion of all three courses in the Early Childhood Care & Education pathway. All three Early Childhood Education pathway courses must have been completed while enrolled in the Hall County School District. A grade of “P” (Pass) will be awarded.
Food Science

1 Unit

CIP #: 20.41810  Hall County #: 3877

Prerequisite: Food, Nutrition & Wellness

Credit Type: L1; Core or elective credit; course satisfies the fourth science requirement for students entering ninth grade in 2008 and later, but is recognized by the Board of Regents as such. Beginning in school year 2017-18, students will earn one unit of credit in Food Science with successful completion of all three courses in the Culinary Arts pathway. All three Culinary Arts pathway courses must have been completed while enrolled in the Hall County School District. A grade of “P” (Pass) will be awarded.

Description: 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.

Human Services Work-Based Learning (WBL) Placement

.5 or 1 Unit

CIP #: 20.7114  Hall County #: 3861 (Year 1)

CIP #: 20.7124  Hall County #: 3864 (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 or previously taken a CTAE course

Credit Type: L1; Core or elective credit

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.

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 (N)

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

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)

Introduction to Digital Technology

1 Unit

CIP #: 11.415  Hall County #: 3916

Prerequisite: None

Credit Type: L1; Core or elective credit

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

Digital Design

1 Unit

CIP #: 11.45100  Hall County #: 3918

Prerequisite: Introduction to Digital Technology

Credit Type: L1; Core or elective credit

Description: Using web design as the platform for product design and presentation, students will create and learn digital media applications using elements of text, graphics, animation, sound, video and digital imaging for various format. Emphasis will be placed on effective use of tools for interactive multimedia production including storyboarding, visual development, project management, digital citizenship, and web processes. Students will create and design web sites that incorporate digital media elements to enhance content of web site.
Web Design 1 Unit
CIP #: 11.45200  Hall County #: 3931
Prerequisite: Digital Design
Credit Type: L1; Core or elective credit

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

Computer Science Principles 1 Unit
CIP #: 11.471  Hall County #: 3911 (Honors)*
CIP #: 11.471  Hall County #: 3911.0.H (Honors)*

Prerequisite: Introduction to Digital Technology; teacher recommendation
Credit Type: L2; Core or elective credit; course meets fourth science requirement for students entering ninth grade in 2015 and later and is recognized by the Board of Regents as such. Course also meets fourth mathematics or world language requirement; two computer science courses from the same pathway will satisfy two years of sequenced foreign language courses for USG admissions.

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

AP Computer Science Principles 1 Unit
CIP #: 11.019  Hall County #: 3912

Prerequisite: Teacher recommendation
Credit Type: L3; Core or elective credit; course meets fourth science requirement for students entering ninth grade in 2015 and later and is recognized by the Board of Regents as such. Course also meets fourth mathematics or world language requirement; two computer science courses from the same pathway will satisfy two years of sequenced foreign language courses for USG admissions.

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

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.

Information Technology Work-Based Learning (WBL) Placement .5 or 1 Unit
CIP #: 11.7114  Hall County #: 3941 (Year 1)  CIP #: 11.7214  Hall County #: 3945 (Year 2)
CIP #: 11.7114  Hall County #: 3942 (Year 1)  CIP #: 11.7214  Hall County #: 3946 (Year 2)
CIP #: 11.7124  Hall County #: 3943 (Year 1)  CIP #: 11.7224  Hall County #: 3950 (Year 2)
CIP #: 11.7124  Hall County #: 3944 (Year 1)  CIP #: 11.7224  Hall County #: 3951 (Year 2)
CIP #: 11.7114  Hall County #: 3941.0.H (Year 1)*  CIP #: 11.7214  Hall County #: 3945.0.H (Year 2)*
CIP #: 11.7114  Hall County #: 3942.0.H (Year 1)*  CIP #: 11.7214  Hall County #: 3946.0.H (Year 2)*
CIP #: 11.7114  Hall County #: 3941.0.HX (Year 1)*∞  CIP #: 11.7214  Hall County #: 3945.0.HX (Year 2)*∞
CIP #: 11.7114  Hall County #: 3942.0.HX (Year 1)*∞  CIP #: 11.7214  Hall County #: 3946.0.HX (Year 2)*∞

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

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

LAW, PUBLIC SAFETY & SECURITY

Prepares students with basic knowledge and skills for careers in the public safety and protective services.
Law, 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) Welding Pathway (N)

- Industry Fund & Occupational Safety (#3135)
- Introduction to Metals (#4125)
- Machining Operations I (#4105)
- Industry Fund & Occupational Safety (#3135)
- Introduction to Metals (#4125)
- Welding I (#4100)

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.

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)
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.

<table>
<thead>
<tr>
<th>Marketing Comm &amp; Promotion Pathway (N)</th>
<th>Sports &amp; Entertainment Marketing Pathway (N)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Marketing Principles</strong></td>
<td><strong>Marketing Principles</strong></td>
</tr>
<tr>
<td>CIP #: 08.474 Hall County #: 4205</td>
<td>CIP #: 08.4205 Hall County #: 4246</td>
</tr>
<tr>
<td>Prerequisite: None</td>
<td>Prerequisite: None</td>
</tr>
<tr>
<td>Credit Type: L1; Core or elective credit</td>
<td>Credit Type: L1; Core or elective credit</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Promotion &amp; Professional Sales</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIP #: 08.45100 Hall County #: 4246</td>
</tr>
<tr>
<td>Prerequisite: None; courses may be taken concurrently</td>
</tr>
<tr>
<td>Credit Type: L1; Core or elective credit</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Marketing Communications Essentials</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIP #: 08.45200 Hall County #: 4248</td>
</tr>
<tr>
<td>Prerequisite: None; courses may be taken concurrently</td>
</tr>
<tr>
<td>Credit Type: L1; Core or elective credit</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Design &amp; Business Management Practicum</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIP #: 08.7114 Hall County #: 4281</td>
</tr>
<tr>
<td>CIP #: 08.7124 Hall County #: 4282</td>
</tr>
<tr>
<td>Prerequisite: Application process required</td>
</tr>
<tr>
<td>Credit Type: L1; Core or elective credit; courses are designed as yearlong courses</td>
</tr>
</tbody>
</table>

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).

<table>
<thead>
<tr>
<th>Digital High Work-Based Learning (WBL) Placement</th>
<th>.5 or 1 Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIP #: 08.7114 Hall County #: 4270 (Year 1)</td>
<td>CIP #: 08.7214 Hall County #: 4274 (Year 2)</td>
</tr>
<tr>
<td>CIP #: 08.7114 Hall County #: 4271 (Year 1)</td>
<td>CIP #: 08.7214 Hall County #: 4275 (Year 2)</td>
</tr>
<tr>
<td>CIP #: 08.7124 Hall County #: 4270.0.H (Year 1 Honors)</td>
<td>CIP #: 08.7224 Hall County #: 4274.0.H (Year 2 Honors)</td>
</tr>
<tr>
<td>CIP #: 08.7124 Hall County #: 4271.0.H (Year 1 Honors)</td>
<td>CIP #: 08.7224 Hall County #: 4275.0.H (Year 2 Honors)</td>
</tr>
<tr>
<td>CIP #: 08.7124 Hall County #: 4272∞ (Year 1 Honors)∞</td>
<td>CIP #: 08.7124 Hall County #: 4276∞ (Year 2 Honors)</td>
</tr>
</tbody>
</table>
Description: Provides work-site learning experiences for student interested in careers utilizing digital media for promotions and marketing. Students also gain general business and customer service skills with rotations through prominent departments in the media and promotions industry; mastery of a set of predetermined learning objectives identified with a training plan and training agreement evaluated by the employer and the instructor. Involves businesses, schools and community organizations working together to provide juniors and seniors with an education rich in both rigorous academics and practical work-related experiences – teaching them the tasks, skills and responsibilities associated with today’s workplace. Today’s high-skilled job market demands that all high school graduates – whatever their career destinations – have advanced academic knowledge and workplace skills. The WBL honors program will culminate their internship experiences, research on industry trends and projects in a visual format by creating and maintaining an industry recognized e-portfolio. E-portfolios will provide hands-on learning opportunities and to help students successfully make the transition from high school to college and from college into the workplace.

**Introduction to Sports & Entertainment Marketing** 1 Unit

CIP #: 08.478  Hall County #: 4250

Prerequisite: None

Credit Type: L1; Core or elective credit

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

**Advanced Sports & Entertainment Marketing** 1 Unit

CIP #: 08.485  Hall County #: 4251

Prerequisite: Introduction to Sports & Entertainment Marketing

Credit Type: L1; Core or elective credit

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

**Marketing, Sales & Service Work-Based Learning (WBL) Placement** .5 or 1 Unit

CIP #: 08.7114  Hall County #: 4261 (Year 1)  CIP #: 08.7124  Hall County #: 4265 (Year 2)

CIP #: 08.7114  Hall County #: 4262 (Year 1)  CIP #: 08.7124  Hall County #: 4266 (Year 2)

CIP #: 08.7114  Hall County #: 4263 (Year 1)  CIP #: 08.7124  Hall County #: 4267 (Year 2)

CIP #: 08.7114  Hall County #: 4264 (Year 1)  CIP #: 08.7124  Hall County #: 4268 (Year 2)

CIP #: 08.7114  Hall County #: 4265.7.H (Year 2) Honors

CIP #: 08.7114  Hall County #: 4265.7.HX (Year 2) Honors

CIP #: 08.7114  Hall County #: 4265.7.HX (Year 2) Honors

CIP #: 08.7114  Hall County #: 4266.7.H (Year 2) Honors

CIP #: 08.7114  Hall County #: 4266.7.HX (Year 2) Honors

CIP #: 08.7114  Hall County #: 4266.7.HX (Year 2) Honors

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

Credit Type: L1 or L2; Core or elective credit

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

**SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS**

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

**Engineering and Technology Pathway (N)**

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

**Foundations of Engineering and Technology** 1 Unit

CIP #: 21.425  Hall County #: 4431 (Honors)

CIP #: 21.425  Hall County #: 4431.0.H (Honors)

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

Credit Type: L2; Core or elective credit
Description: This STEM driven course provides an overview of engineering and technology including the different methods used in the engineering design process developing fundamental technology and engineering literacy. Students will demonstrate the skills and knowledge they have learned through various project based activities while using an engineering design process to successfully master the “E” in STEM.

**Engineering Concepts**

1 Unit

CIP #: 21.471  
Hall County #: 4446 (Honors)∞
CIP #: 21.471  
Hall County #: 4446.0.H (Honors)*

Prerequisite: Foundations of Engineering and Technology

Credit Type: L2; Core or elective credit

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

**Engineering Applications**

1 Unit

CIP #: 21.472  
Hall County #: 4451 (Honors)∞
CIP #: 21.472  
Hall County #: 4451.0.H (Honors)*

Prerequisite: Foundations of Engineering and Technology

Credit Type: L2; Core or elective credit

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

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

.5 or 1 Unit

CIP #: 21.7114  
Hall County #: 4461 (Year 1)
CIP #: 21.7214  
Hall County #: 4465 (Year 2)
CIP #: 21.7114  
Hall County #: 4462 (Year 1)
CIP #: 21.7214  
Hall County #: 4466 (Year 2)
CIP #: 21.7114  
Hall County #: 4463 (Year 1)
CIP #: 21.7224  
Hall County #: 4467 (Year 2)
CIP #: 21.7114  
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  
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CIP #: 21.7114  
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CIP #: 21.7114  
Hall County #: 4462.7.HX (Year 1) Honors∞
CIP #: 21.7214  
Hall County #: 4466.7.HX (Year 2) Honors∞

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

Credit Type: L1 or L2; Core or elective credit

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

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

.5 or 1 Unit

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

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

Credit Type: L1; Core or elective credit

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

**TRANSPORTATION, DISTRIBUTION & LOGISTICS**

The planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.
Transportation, Distribution & Logistics Work-Based Learning (WBL) Placement .5 or 1 Unit
CIP #: 47.7114  Hall County #: 4521 (Year 1)  CIP #: 47.7142  Hall County #: 4522 (Year 1)
CIP #: 47.7114  Hall County #: 4522 (Year 2)  CIP #: 47.7142  Hall County #: 4521 (Year 2)
CIP #: 47.7124  Hall County #: 4523 (Year 1)  CIP #: 47.7124  Hall County #: 4523 (Year 2)
CIP #: 47.7124  Hall County #: 4524 (Year 1)  CIP #: 47.7224  Hall County #: 4524 (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.

PERSONAL, INTERPERSONAL, & SOCIAL SKILLS
High School Transition IV .5 or 1 Unit
CIP #: 35.06800  Hall County #: 1730
Prerequisite: Approval of the school Instructional Coordinator
Credit Type: L1; Elective credit
Description: Focuses on strategies to improve success at the secondary level including note taking, test taking, time management, problem solving, decision making, active listening, goal setting, organizational skills, study habits, learning styles and learning strategies. Reading and writing with a focus on higher order thinking will also be emphasized along with the development of self-advocacy skills that support a successful secondary career.

International Baccalaureate (IB) Theory of Knowledge (TOK) .5 or 1 Unit
CIP #: 35.07100  Hall County #: 1735 (Year 1)^
CIP #: 35.07100  Hall County #: 1735.x.M (Year 1)^
CIP #: 35.07200  Hall County #: 1736 (Year 2)^
CIP #: 35.07200  Hall County #: 1736.x.M (Year 2)^
Prerequisite: Approval of the school IB Coordinator
Credit Type: L3; Core or elective credit
Description: TOK is a required interdisciplinary study within the IB curriculum. Students engage in critical reflection and analysis as they explore relationships and philosophical perspectives across multiple disciplines to stimulate reflection on the knowledge and the experience of students both in and outside the classroom. The course challenges students to question the basis of knowledge, to be aware of subjective and ideological biases, and to develop a personal mode of thought based on analysis of evidence and expressed in rational arguments. A group oral presentation and an essay written on prescribed topics form TOK’s assessment research projects and an oral play analysis.

Peer Facilitation I – IV .5 or 1 Unit
CIP #: 35.04100  Hall County #: 1741
CIP #: 35.04200  Hall County #: 1742
CIP #: 35.04300  Hall County #: 1743
CIP #: 35.04400  Hall County #: 1744
Prerequisite: None
Credit Type: L1; Elective credit only
Description: Introduces peer facilitation through a focus on goal setting and self-determination.

Social Skills I – IV 1 Unit
CIP #: 35.05100  Hall County #: 1740 (I)
CIP #: 35.05200  Hall County #: 1720 (II)
CIP #: 35.05300  Hall County #: 1721 (III)
CIP #: 35.05400  Hall County #: 1722 (IV)
Prerequisite: Courses must be taken in sequence
Credit Type: L1; Elective credit only
Description: Course addresses social-emotional needs of students including peer relations, problem-solving and conflict resolution. Methods introduced to improve decision-making, problem solving, and interpersonal skills. Emphasizes rule compliance and social-emotional competence; identifying personal strengths and weaknesses, communication skills and adjusting to new expectations.

Study Skills I – IV .5 or 1 Unit
CIP #: 35.061  Hall County #: 1700 (I)
CIP #: 35.062  Hall County #: 1701 (II)
CIP #: 35.063  Hall County #: 1702 (III)
CIP #: 35.064  Hall County #: 1703 (IV)
Prerequisite: Courses must be taken in sequence
Credit Type: L1; Elective credit only

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