The Hall County School District is committed to ensuring that all students graduate both college and career ready.
<table>
<thead>
<tr>
<th>School</th>
<th>Program of Choice</th>
<th>Career Technology Programs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cherokee Bluff High School</td>
<td>LEGACY Program, AP Capstone Program and Virtual Program of Choice</td>
<td>Animation &amp; Digital Media, Criminal Justice with Forensics, Engineering, Government &amp; Public Administration, Health Science, Information Technology, Marketing, Metals Technology and Workforce Ready</td>
</tr>
<tr>
<td>Johnson High School</td>
<td>Johnson International Scholars Academy (JISA), International Baccalaureate (IB) Diploma Program and Virtual Program of Choice</td>
<td>Audio-Video Technology, Business, Construction, Cybersecurity, Education &amp; Training, Graphic Arts, Health Science, and Information Technology</td>
</tr>
<tr>
<td>Chestatee High School</td>
<td>Renaissance Academy for Creative Enterprises (RACE), AP Capstone Program and Virtual Program of Choice</td>
<td>Audio-Video Technology, Automotive, Construction, Graphic Arts, Health Science, Information Technology, and Marketing</td>
</tr>
<tr>
<td>Lanier College Career Academy</td>
<td>Part-time CTAE Pathways, Full-time Specialized Career-Ready Programs of Choice, Dual Enrollment Opportunities and Virtual Program of Choice</td>
<td>Agriculture Mechanics, Cosmetology, Culinary Arts, Government &amp; Public Administration, Hospitality &amp; Tourism, HVAC and Workforce Ready</td>
</tr>
<tr>
<td>East Hall High School</td>
<td>Endless Possibilities in Creativity and Collaboration (EPiCC) Academy, Navy Junior ROTC Program, and Virtual Program of Choice</td>
<td>Agriculture/Horticulture, Business, Graphic Arts, Health Science, Navy ROTC, Transportation and Workforce Ready</td>
</tr>
<tr>
<td>Flowery Branch High School</td>
<td>STEAM (Science, Technology, Engineering, Arts and Mathematics) Academy and AP Capstone Program</td>
<td>Education &amp; Training, Engineering, Family Consumer Science, Graphic Arts, Health Science, Information Technology, Marketing, Metals Technology and Workforce Ready</td>
</tr>
<tr>
<td>West Hall High School</td>
<td>Innovation Institute (i2), International Baccalaureate (IB) Diploma Programme and International Baccalaureate (IB) Career Related Programme</td>
<td>Audio-Video Technology, Construction, Education &amp; Training, Graphic Arts, Health Science, Information Technology, Manufacturing, Marketing, and Workforce Ready</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 develop a six-year plan that includes high school and at least two additional years of study or training. Consider your strengths, interests, goals, and aspirations as you prepare for this most important and significant part of your life.

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

Using the Six-Year Plan

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

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

Every effort is made to present accurate and current information; however, Georgia law, Georgia Department of Education guidelines, local policy or other critical information may need to be added, omitted, or changed. Hall County Schools reserves the right to amend any and all information contained herein at any time deemed appropriate. Addendums will be distributed through the school counseling department.
Shown below are Georgia’s High School Graduation requirements. All requirements must be met to earn a High School Diploma. A course shall count only once for satisfying any credit required for graduation. Selected course substitutions have been approved by the Georgia State Board of Education. See your counselor to determine if course substitutions are appropriate for your plan of study.

<table>
<thead>
<tr>
<th>Graduation Requirements</th>
<th>Students Entering High School in August 2012 or Later</th>
</tr>
</thead>
<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 Algebra I, GSE Geometry, and GSE Algebra II</td>
</tr>
<tr>
<td></td>
<td>PLUS</td>
</tr>
<tr>
<td></td>
<td>one additional GSE/AP/IB/DE Math course</td>
</tr>
<tr>
<td></td>
<td>OR</td>
</tr>
<tr>
<td></td>
<td>GSE Accelerated Algebra I/Geometry A</td>
</tr>
<tr>
<td></td>
<td>GSE Accelerated Geometry B/Algebra II, GSE Precalculus</td>
</tr>
<tr>
<td></td>
<td>PLUS</td>
</tr>
<tr>
<td></td>
<td>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</td>
</tr>
<tr>
<td></td>
<td>Earth Systems, Environmental Science or AP/IB courses</td>
</tr>
<tr>
<td></td>
<td>PLUS</td>
</tr>
<tr>
<td></td>
<td>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</td>
</tr>
<tr>
<td></td>
<td>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 (any combination)</td>
</tr>
<tr>
<td></td>
<td></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>4 Units</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 Milestones End of Course Test. Students may demonstrate subject area competency and earn course credit by scoring “Distinguished Learner” on the EOC Test. This process for earning course credit is identified as “testing-out.” Students may not be enrolled in or previously enrolled in the course in which the “Test-Out” is attempted. A test fee is required. Contact the school counselor to learn more about the “Test-Out” requirements.
GRADUATION PLAN

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

Career Clusters/Pathways
Georgia students will choose a Career Cluster/Pathway. Under this model, you – with the help of parents, teachers and guidance counselors – will choose a Pathway in one of 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
- GSE Algebra I*
- GSE Geometry*
- GSE Algebra II*
- GSE/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.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits Required</th>
<th>English Language Arts – ELA</th>
<th>Math – MA</th>
<th>Science – SC</th>
<th>Social Studies – SS</th>
<th>Health &amp; Physical Education - HPE</th>
<th>CTAE, Fine Arts, Modern Language</th>
<th>Electives</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>4 units – must include 9th Grade Literature &amp; American Literature</td>
<td>4 units – must include GSE Algebra I, GSE Geometry, GSE Algebra II 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

8th Grade
Record Carnegie unit courses earned

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits Required</th>
<th>ELA</th>
<th>MA</th>
<th>SC</th>
<th>SS</th>
<th>HPE</th>
<th>CTAE</th>
<th>FA</th>
<th>ML</th>
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</tbody>
</table>

9th Grade
For promotion to 10th grade: 6 credits

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits Required</th>
<th>ELA</th>
<th>MA</th>
<th>SC</th>
<th>SS</th>
<th>HPE</th>
<th>CTAE</th>
<th>FA</th>
<th>ML</th>
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</tbody>
</table>

10th Grade
For promotion to 11th grade: 12 credits*
*2 Core English, Math, Science plus 1 Core Social Studies

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits Required</th>
<th>ELA</th>
<th>MA</th>
<th>SC</th>
<th>SS</th>
<th>HPE</th>
<th>CTAE</th>
<th>FA</th>
<th>ML</th>
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</table>

11th Grade
For promotion to 12th grade: 18 credits**
**2 Core English, Science, Social Studies plus 3 Core Math and a planned program to graduate

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits Required</th>
<th>ELA</th>
<th>MA</th>
<th>SC</th>
<th>SS</th>
<th>HPE</th>
<th>CTAE</th>
<th>FA</th>
<th>ML</th>
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</tbody>
</table>

12th Grade
23 credits required in order to receive a high school diploma (refer to chart above).

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits Required</th>
<th>ELA</th>
<th>MA</th>
<th>SC</th>
<th>SS</th>
<th>HPE</th>
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12th Grade
23 credits required in order to receive a high school diploma (refer to chart above).

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits Required</th>
<th>ELA</th>
<th>MA</th>
<th>SC</th>
<th>SS</th>
<th>HPE</th>
<th>CTAE</th>
<th>FA</th>
<th>ML</th>
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</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits Required</th>
<th>ELA</th>
<th>MA</th>
<th>SC</th>
<th>SS</th>
<th>HPE</th>
<th>CTAE</th>
<th>FA</th>
<th>ML</th>
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</tr>
</tbody>
</table>
Hall County Schools
Frequently Asked Questions

What is a Program of Choice?

Hall County School District currently has a variety of choice programs at the high school level. Programs of Choice are designed to match students with clearly defined strengths, interests, abilities, and goals with specialized programming options that focus on those traits. Interested students submit applications, and the most highly qualified students are invited to participate in the Program of Choice.

- Leadership, Experience, Grit, Achievement, Character, and Youth-led acts of service (LEGACY) Program and AP Capstone at Cherokee Bluff High School
- Renaissance Academy for Creative Enterprises (RACE) and AP Capstone at Chestatee High School
- Endless Possibilities in Creativity and Collaboration (EPiCC) Academy and Navy ROTC at East Hall High School
- Science, Technology, Engineering, Arts and Math (STEAM) and AP Capstone at Flowery Branch High School
- Johnson International Scholars Academy (JISA) and International Baccalaureate (IB) Diploma Programme at Johnson High School
- ATLAS and STEM Academies and International Baccalaureate (IB) Diploma Programme at North Hall High School
- Innovation Institute (i²), International Baccalaureate (IB) Diploma Programme, International Baccalaureate (IB) Career Related Programme at West Hall High School
- The Honors Mentorship Program (HMP) is a district-wide program for high-achieving 11th and 12th grade students who desire a challenging career internship experience
- Howard E. Ivester Early College is available to all Hall County High School students accepted into Lanier Technical College, University of North Georgia, and/or Brenau University
- Lanier College Career Academy (LCCA) provides specialized part-time career ready pathways, post-secondary Dual Enrollment certificate opportunities, and a full-time Specialized Career-Ready Program of Choice to students from all high schools

What are “levels” of academic classes?

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

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

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

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

**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 Ivester Early College campus, Lanier College and Career Academy campus, or online following acceptance to the post-secondary institution. Dual Enrollment core courses include all English, Math, Science, Social Studies and Modern Language courses.
How can levels of academic classes affect my GPA (Grade Point Average)?

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

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

**Calculation of Course Average**

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

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

<table>
<thead>
<tr>
<th>Final Numeric Course Grade</th>
<th>LEVEL 3</th>
<th>LEVEL 2</th>
<th>LEVEL 1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>AP/IB/</td>
<td>Honors/</td>
<td>All other courses</td>
</tr>
<tr>
<td></td>
<td>DE Core</td>
<td>Accelerated/</td>
<td></td>
</tr>
<tr>
<td>95 – 100</td>
<td>5.0</td>
<td>4.5</td>
<td>4.0</td>
</tr>
<tr>
<td>90 – 94</td>
<td>4.5</td>
<td>4.0</td>
<td>4.0</td>
</tr>
<tr>
<td>85 – 89</td>
<td>4.0</td>
<td>3.5</td>
<td>3.0</td>
</tr>
<tr>
<td>80 – 84</td>
<td>3.5</td>
<td>3.0</td>
<td>3.0</td>
</tr>
<tr>
<td>75 – 79</td>
<td>3.0</td>
<td>2.5</td>
<td>2.0</td>
</tr>
<tr>
<td>70 – 74</td>
<td>2.5</td>
<td>2.0</td>
<td>2.0</td>
</tr>
<tr>
<td>BELOW 70</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>&lt;70 with earned credit*</td>
<td>2.0</td>
<td>1.5</td>
<td>1.0</td>
</tr>
</tbody>
</table>

NOTE: AP = Advanced Placement, IB = International Baccalaureate, DE = Dual Enrollment
*Quality points will be applied to GPA calculations when the transferring institution awards credit for numerical scores below 70.

<table>
<thead>
<tr>
<th>Final Numeric Course Grade</th>
<th>LEVEL 3</th>
<th>LEVEL 2</th>
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<td>90 – 100</td>
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<tr>
<td>BELOW 70</td>
<td>0</td>
<td>0</td>
<td>0</td>
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<td>&lt;70 with earned credit*</td>
<td>2.0</td>
<td>1.5</td>
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</tr>
</tbody>
</table>

NOTE: AP = Advanced Placement, IB = International Baccalaureate, DE = Dual Enrollment
*Quality points will be applied to GPA calculations when the transferring institution awards credit for numerical scores below 70.

**What is the “Test-Out” option?**

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

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

The Dual Enrollment program provides funding for Hall County High School students to take approved college-level coursework for credit towards both high school and college graduation requirements. Dual Enrollment classes are available at the college campus, Lanier College Career Academy and Howard E. Ivester Early College.

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

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

CTAE Courses and Pathways

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

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

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

Extended Instructional Programs

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

What is Ivester Early College?

Hall County’s Howard E. Ivester College (IEC) is an innovative way for high school students to earn a high school diploma while also earning college credits. Hall County Schools partners with Lanier 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 teach courses on the Howard E. Ivester Early College campus, and transportation is provided for all students during the school day. Unique to this program is that all students are offered learning supports that include tutoring, career guidance, and personalized planning to meet college and career goals.

Students have the opportunity to take multiple LTC/UNG/Brenau courses per semester at the Howard E. Ivester campus in combination with classes at their high school campus, Work-Based Learning, Honors Mentorship, or main college campuses. Dual Enrollment funds cover all tuition, textbooks, and mandatory fees for each course up to 30 hours. Some courses with labs (Nurse Aide, Art, Biology, etc.) may require that students purchase course supplies. In order to ensure that every student has access to required technology, Hall County Schools offers a Chromebook or laptop for students to use while taking specific core academic and certificate courses at IEC. See your Counselor for program details and eligibility requirements.
2022-2023 CTAE Career Pathway Offerings

**Agriculture, Food & Natural Resources**
- **Agriculture Mechanics Systems Pathway (L)**
  02.47100 Basic Agricultural Science
  01.42100 Agricultural Mechanics Technology I
  01.42200 Agricultural Mechanics Technology II
  Capstone Experience: WBL Internship
- **Agriculture Mechanics/Metal Fabrication Pathway (L)**
  02.47100 Basic Agricultural Science
  01.42100 Agricultural Mechanics Technology I
  01.42400 Agricultural Metals Fabrication
  Capstone Experience: WBL Internship
- **Forest Mechanical Systems Pathway (L)**
  02.47100 Basic Agricultural Science
  01.42100 Agricultural Mechanics Technology I
  03.45100 Forest Science *
  Capstone Experience: WBL Internship

**Arts, A/V Technology & Communications**
- **Audio-Video Technology Film I Pathway (C)**
  10.51810 Audio-Video Technology Film I
  10.51910 Audio-Video Tech Film II
  10.52010 Audio-Video Tech Film III *
  Capstone Experience: WBL Internship
- **Audio-Video Technology & Film II Pathway (C)**
  10.51810 Audio-Video Technology Film I
  10.51910 Audio-Video Tech Film II
  10.51410 Broadcast Video Applications *
  Capstone Experience: WBL Internship

**Architecture & Construction**
- **Carpentry Pathway (C)**
  46.54500 Industry Fundamentals & Occupational Safety
  46.54400 Introduction to Construction
  46.55000 Carpentry I
  Capstone Experience: WBL Internship
- **Electrical Pathway (C)**
  46.54500 Industry Fundamentals & Occupational Safety
  46.54400 Introduction to Construction
  46.56000 Electrical I
  Capstone Experience: WBL Internship
- **Heating, Vent, Air Cond & Refrigeration Pathway (L)**
  46.54500 Industry Fundamentals & Occupational Safety
  47.41400 Introduction to HVACR Systems
  47.41500 Heating, Ventilation, Air Cond, & Refrigeration
  Capstone Experience: WBL Internship
- **HVACR Electrical Pathway (L)**
  46.54500 Industry Fundamentals & Occupational Safety
  47.41400 Introduction to HVACR Systems
  47.41600 Low Voltage Electrical
  Capstone Experience: WBL Internship

**Health Science**
- **Allied Health & Medicine Pathway (L)**
  25.44600 Essentials of Healthcare *
  25.43700 Allied Health & Medicine
  Capstone Experience: WBL Internship
- **Emergency Medical Responder Pathway (C)**
  25.52100 Introduction to Healthcare Science
  25.44000 Essentials of Healthcare *
  25.45000 Emergency Medical Responder
  Capstone Experience: WBL Internship
- **Patient Care Pathway (C)**
  25.52100 Introduction to Healthcare Science
  25.44000 Essentials of Healthcare *
  25.43600 Patient Care Fundamentals
  Capstone Experience: WBL Internship
- **Therapeutic Services-Sports Medicine Pathway (C)**
  25.52100 Introduction to Healthcare Science
  25.44000 Essentials of Healthcare *
  25.44600 Sports Medicine *
  Capstone Experience: WBL Internship
- **Therapeutic Services-Exercise Physiology Pathway (C)**
  25.52100 Introduction to Healthcare Science
  25.44000 Essentials of Healthcare *
  25.45400 Fundamentals of Exercise Physiology
  Capstone Experience: WBL Internship

**Information Technology**
- **Computer Science Pathway (C)**
  11.41500 Introduction to Digital Technology OR
  11.44600 Introduction to Software Technology
  11.47100 Comp Sci Principles ^ ^ OR
  11.01900 AP Comp Sci Principles ^ ~
  11.01600 AP Computer Science ^ ~
  Capstone Experience: WBL Internship
- **Web Development Pathway (C)**
  11.41500 Introduction to Digital Technology OR
  11.44600 Introduction to Software Technology
  11.47100 Comp Sci Principles ^ ~ OR
  11.01900 AP Comp Sci Principles ^ ~
  11.42500 Web Development ^ ~
  Capstone Experience: WBL Internship

**Marketing**
- **Marketing & Management Pathway (C)**
  08.47400 Marketing Principles
  08.44100 Marketing & Entrepreneurship
  08.44200 Marketing & Management
  Capstone Experience: WBL Internship
- **Marketing Comm & Promotions Pathway (L)**
  08.47400 Marketing Principles
  08.45100 Promotional and Digital Marketing
  08.45200 Integrated Marketing Communications
  Capstone Experience: WBL Internship

**Transportation, Distribution & Logistics**
- **General Automotive Technology Pathway (C)**
  47.45000 Automotive Technologies 1
  47.45100 Automotive Technologies 2
  47.45200 Automotive Technologies 3
  Capstone Experience: WBL Internship

**Pathway Requirements**
* To fulfill the state pathway requirements, students must complete the three courses shown in the pathway and take the COVD (Credentials of Value assessment) where available. If successful, students will earn an industry credential.
* * Honors Pathway Available
* Meets 4th Science requirement; approved by Board of Regents.
* ^ Meets 4th Math or World Language requirement for high school graduation. Two Computer Science courses from the same pathway will satisfy two years of sequenced foreign language courses for USG Admissions.
* ~ Embedded credit earned upon completion of course.
* ¤ Integrated credit can be earned upon completion of pathway.
**Plan ahead! Complete more than one pathway and work to earn additional certifications!**

**School Locations**
- **C = Chestatee High School**
- **L = Lanier College Career Academy**
  **Transportation is provided for students from students’ home school to attend the specialty programs at LCCA. Please see your counselor for additional information.**

**Capstone Experience for All Pathways**
- Work-Based Learning (WBL) internship opportunities are available in ALL career cluster areas. Please see your school’s WBL Coordinator/Career Specialist for additional information.
The following list of course descriptions encompasses all courses offered in Hall County high schools. However, some courses may not have sufficient enrollment to justify instruction each school year.

* Georgia Milestones EOC assessment required.

### ENGLISH/LANGUAGE ARTS

#### Ninth Grade Literature/Composition

<table>
<thead>
<tr>
<th>Unit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>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.</td>
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#### World Literature/Composition

<table>
<thead>
<tr>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>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.</td>
</tr>
</tbody>
</table>

#### American Literature/Composition

<table>
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<th>Unit</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>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.</td>
</tr>
</tbody>
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#### Multicultural Literature

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<tr>
<th>Unit</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>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.</td>
</tr>
</tbody>
</table>

#### British Literature/Composition

<table>
<thead>
<tr>
<th>Unit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>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).</td>
</tr>
</tbody>
</table>
Technical College Readiness English  
1 Unit
CIP #: 23.05400
Prerequisite: Score of less than 224 on Next Generation ACCUPLACER Placement Test or score of “Beginning Learner” or “Developing Learner” on Milestones EOC in 9th Grade Lit/Comp or American Lit/Comp.
Credit Type: L1; Core or elective credit; course meets English/Language Arts requirement for high school graduation but is not recognized by NCAA for student athletes.

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

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

Advanced Placement (AP) Literature/Composition  
1 Unit
CIP #: 23.06500
Prerequisite: Teacher recommendation
Credit Type: L3; Core or elective credit; Does not satisfy the American Literature course requirement

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

Journalism I, II, III, IV

Journalism II, III, IV (Honors)  
1 Unit
CIP #: 23.03200 (I)
CIP #: 23.03300 (II)
CIP #: 23.03500 (III)
CIP #: 23.03600 (IV)
Prerequisite: Must be taken in sequence
Credit Type: L1 or L2; Elective credit only

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

Advanced Composition  
.5 or 1 Unit
CIP #: 23.03400
Prerequisite: Teacher Recommendation
Credit Type: L2; Core or elective credit

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

Advanced Placement Research, ELA  
1 Unit
CIP #: 23.03700
Prerequisite: Approval of school AP Coordinator
Credit Type: L3; Core or elective credit

Description: AP Research allows students to deeply explore an academic topic, problem or issue of individual interest. Students design, plan, and conduct a year-long mentored, research-based investigation to address a research question. Students further their skills acquired in AP Seminar by understanding research methods; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. Course culminates in an academic thesis paper of approximately 5000 words and a presentation, performance, or exhibition with an oral defense.
Advanced Placement Seminar, ELA
CIP #: 23.03800
Prerequisite: Approval of school AP Coordinator
Credit Type: L3; Core or elective credit

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

Reading Enrichment
CIP #: 23.08200
Prerequisite: Score of <25%tile on ITBS, or <300 on Reading CRCT
Credit Type: L1; Elective credit only

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

Writer’s Workshop
Writer’s Workshop (Honors)
CIP #: 23.03100
Prerequisite: None
Credit Type: L1 or L2; Elective credit only

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

Communication Skills
CIP #: 23.08100
Prerequisite: Approval of Instructional Coordinator
Credit Type: L1; Elective credit only

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

English ESOL I – VI
CIP #: 23.09100 (I)
CIP #: 23.09200 (II)
CIP #: 23.09300 (III)
CIP #: 23.09400 (IV)
CIP #: 23.09500 (V)
CIP #: 23.09600 (VI)
Prerequisite: Special placement for limited English speaking students determined through language proficiency testing
Credit Type: L1 only; Core or elective credit

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

Oral Communication in the Content Areas (ELL)
CIP #: 55.02400
Prerequisite: Special placement for limited English speaking students determined through language proficiency testing
Credit Type: L1; Elective credit only

Description: This course focuses on communicating effectively with a variety of audiences using academic language which is needed to be successful in the content areas. This includes further development of critical thinking skills and organization of ideas. Continued emphasis is given on how grammar, vocabulary, listening, speaking, and writing skills play an integral part in how to effectively deliver information through oral communication.
Reading and Listening in the Content Areas (ELL)  1 Unit
CIP #:  55.02300
Prerequisite:   Special placement for limited English speaking students determined through language proficiency testing
Credit Type:   L1; Elective credit only

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

Writing in the Content Areas (ELL)  1 Unit
CIP #:  55.02500
Prerequisite:   Special placement for limited English speaking students determined through language proficiency testing
Credit Type:   L1; Elective credit only

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

Academic Language of Science and Math  1 Unit
CIP #:  55.02700
Prerequisite:   Special placement for limited English speaking students determined through language proficiency testing scoring CPL 2-3.  
Credit Type:   L1; Elective credit only

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

Basic Reading/Writing I, II, III, IV  .5 or 1 Unit
CIP #:  23.08300 (I)
CIP #:  23.08400 (II)
CIP #:  23.08500 (III)
CIP #:  23.08600 (IV)
Prerequisite:   Approval of LCA/LCCA Project Search/Project Success Program Director
Credit Type:   L1; Elective credit only

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

Language Arts Work-Based Learning (WBL) Placement   .5 or 1 Unit
Language Arts Work-Based Learning (WBL) Placement (Honors)
CIP #:  23.7XXX0XX
Prerequisite:   Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course
Credit Type:   L1 or L2; Core or elective credit

Description:  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.
GSE Foundations of Algebra  
CIP: 27.04810  
Prerequisite: Low middle school mathematics standardized test scores and/or demonstration of significant difficulties in middle school mathematics courses; qualifying IKAN score and completion of University System of Georgia High School Mathematics Curriculum document.  
Credit Type: L1; core or elective credit  
Description: A first-year high school mathematics course for students who need substantial support to bolster success in high school mathematics. Course emphasizes algebra and numeracy in a variety of contexts including number sense, proportional reasoning, quantitative reasoning with functions, and solving equations and inequalities.

GSE Algebra I*  
GSE Algebra I (Honors)*  
CIP: 27.09900  
Prerequisite: None  
Credit Type: L1 or L2; Required for students entering ninth grade in 2012-2013 or later; May substitute for Mathematics I (Algebra/Geometry/Statistics) for students entering ninth grade in 2008-2009, 2009-2010, 2010-2011 and 2011-2012.  
Description: The first in a sequence of three required high school courses designed to ensure career and college readiness. The course represents a discrete study of algebra with correlated statistics applications.

GSE Algebra I Support  
CIP: 27.09970  
Prerequisite: None  
Credit Type: L1; Elective credit only  
Description: Provides additional support to students enrolled in the GSE Algebra I course and should be taken concurrently with GSE Algebra I. 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 Geometry  
GSE Geometry (Honors)  
CIP #: 27.09910  
Prerequisite: GSE Algebra I  
Credit Type: L1 or L2; Required for students entering ninth grade in 2012-2013 or later; May substitute for Mathematics II (Geometry/Algebra II/Statistics) for students entering ninth grade in 2008-2009, 2009-2010, 2010-2011 and 2011-2012.  
Description: The second in a sequence of three required high school courses designed to ensure career and college readiness. The course embodies a discrete study of geometry with correlated statistics applications.

GSE Geometry Support  
CIP #: 27.09980  
Prerequisite: GSE Algebra I  
Credit Type: L1; Elective credit only  
Description: Provides additional support to students enrolled in the GSE Geometry course and should be taken concurrently with GSE Geometry. This course provides extra time and utilizes a variety of strategies to help students build a stronger foundation for success in their current and future mathematics courses.

GSE Algebra II  
GSE Algebra II (Honors)  
CIP #: 27.09920  
Prerequisite: 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 Algebra II Support**  
CIP #: 27.09990  
Prerequisite: Geometry  
Credit Type: L1; Elective credit only  

Description: Provides additional support to students enrolled in the Algebra II course and should be taken concurrently with Algebra II. 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 Pre-Calculus**  
**GSE Pre-Calculus (Honors)**  
CIP #: 27.09740  
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  
Prerequisite: Pre-Calculus  
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  
Prerequisite: CCGPS Advanced Algebra or Accelerated CCGPS Analytic Geometry B/Advanced Algebra  
Credit Type: L1; Core or elective credit  

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

**Advanced Placement (AP) Statistics**  
CIP #: 27.07400  
Prerequisite: Teacher recommendation  
Credit Type: L3; Core or elective credit  

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

**Advanced Placement (AP) Calculus AB**  
CIP #: 27.07200  
Prerequisite: Teacher recommendation and Accelerated Math III, Math IV or Pre-Calculus  
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**  
CIP #: 27.07300  
Prerequisite: Teacher recommendation and Accelerated Math III, Math IV, Pre-Calculus or AP Calculus AB  
Credit Type: L3; Core or elective credit  

Description: Conforms to College Board topics for the AP Calculus BC Examination; includes AP Calculus AB topics, as well as vector functions, parametric equations, conversions, parametrically defined curves, tangent lines, and sequence and series. Enrollment in AP includes the commitment to take the AP exam.
Technical College Readiness Mathematics  1 Unit
CIP #:  27.09000
Prerequisite:  Score of less than 229 on Next Generation ACCUPLACER Arithmetic Placement Test or score of “Beginning Learner” or “Developing Learner” on Coordinate Algebra EOC
Credit Type:  L1; Core or elective credit; course meets Mathematics requirement for high school graduation but is not recognized by NCAA for student athletes.
Description:  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
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
Prerequisite:  Mathematics III, Accelerated Mathematics II or Advanced Algebra
Credit Type:  L1; Core or elective credit; course meets Mathematics requirement for high school graduation and satisfies University System of Georgia’s fourth mathematics requirements for admission, but is not recognized by NCAA for student athletes.
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
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.
Physical Science 1 Unit
Physical Science (Honors)
CIP #: 40.01100
Prerequisite: Teacher recommendations for Honors
Credit Type: L1 or L2; Core or elective credit; physical science course; students in ninth grade for the first time in 2008 or later must take Physical Science or Physics I
Description: Promotes science process skills through study of properties of matter, atomic theory, chemical symbols, stoichiometry, periodic table, organic chemistry, energy, mechanics, waves and energy transfer, electricity and magnetism.

Biology I* 1 Unit
Biology I (Honors)*
Advanced Placement (AP) Biology*
CIP #: 26.01200
CIP #: 26.01400 (AP)
Prerequisite: Teacher recommendations for Honors; Biology I and credit for or concurrent enrollment in Chemistry required for AP
Credit Type: L1, L2 or L3; required for students in ninth grade for the first time in 2008 or later (may substitute with AP Biology, or IB Biology, Year 1)
Description: Introduces science process skills and laboratory safety, research, nature of biology, cellular biology, biochemistry, genetics, evolution, classification, diversity of life, human body, and ecology. AP Biology conforms to the College Board topics for the AP Biology Examination; covers biological chemistry, cells, energy transformations, molecular genetics, heredity, evolution, taxonomy, systematic, and Monera, Protista, fungi, plants, animals, and ecology.

Chemistry I 1 Unit
Chemistry I (Honors)
Advanced Placement (AP) Chemistry
CIP #: 40.05100
CIP #: 40.05300 (AP)
Prerequisite: Teacher recommendation for Honors and AP; Chemistry I recommended for AP
Credit Type: L1, L2 or L3; Core or elective credit; physical science course; students enrolling in ninth grade for the first time in 2008 or later must take Earth Systems, Chemistry I (or AP or IB), or Environmental Science (or AP or IB)
Description: Introduces chemistry; covers science process skills, units of chemistry, atoms and collections of atoms, periodicity and bonding, compounds and reactions, characteristics of states of matter, acid/base chemistry, chemical dynamics and equilibrium, reference, research skills, and lab safety. AP Chemistry conforms to College Board topics for the AP Chemistry Exam; covers atomic theory and structure, chemical bonding, nuclear chemistry, gases, liquids, solids, solutions, types of reactions, stoichiometry, equilibrium, kinetics, and thermodynamics. Enrollment in AP includes the commitment to take the AP exam.

Earth Systems 1 Unit
Earth Systems (Honors)
CIP #: 40.06400
Prerequisite: None
Credit Type: L1; Core or elective credit; physical science course; students first entering ninth grade in 2008 or later must take Earth Systems, Chemistry I (or AP or IB), or Environmental Science (or AP or IB)
Description: Develops explanations of phenomena fundamental to the sciences of geology and physical geography, including the early history of the earth, plate tectonics, landform evolution, the Earth's geologic record, weather and climate, and the history of life on earth.

Environmental Science 1 Unit
Environmental Science (Honors)
Advanced Placement (AP) Environmental Science
CIP #: 26.06110
CIP #: 26.06200 (AP)
Prerequisite: Teacher recommendation for Honors or AP
Credit Type: L1, L2 or L3; Core or elective credit; life science course; students enrolling in ninth grade for the first time in 2008 or later must take Chemistry I or Earth Systems or Environmental Science
Description: Provides the student with the scientific principles, concepts, and the methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Enrollment in AP includes the commitment to take the AP exam.
Forensic Science (Honors) 1 Unit
CIP #: 40.09300
Prerequisite: None
Credit Type: L1 or L2; Elective credit only for students enrolling in ninth grade for the first time prior to 2008; Core or elective for students first entering ninth grade in 2008 or later; physical science course

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

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

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

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

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

Advanced Placement (AP) Physics C: Mechanics 1 Unit
CIP #: 40.08410
Prerequisite: Physics I; Teacher recommendation
Credit Type: L3; Core or elective credit; physical science course

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

Communication Skills in Science (ELL) 1 Unit
CIP #: 55.02120
Prerequisite: Special placement for limited English speaking students determined through language proficiency testing
Credit Type: L1; Elective credit only

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

Reading and Writing in Science (ELL) 1 Unit
CIP #: 55.02600
Prerequisite: Special placement for limited English speaking students determined through language proficiency testing
Credit Type: L1; Elective credit only

Description: This course supports and enhances reading and writing skills in science and provides students with strategies for reading and comprehending scientific texts.
Scientific Research I (Honors) .5 or 1 Unit
CIP #: 40.09210
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
Life Sciences Work-Based Learning (WBL) Placement (Honors)
CIP #: 26.7XXX0XX
Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course
Credit Type: L1 or L2; Core or elective credit

Description: 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
Physical Sciences Work-Based Learning (WBL) Placement (Honors)
CIP #: 40.7XXX0XX
Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course
Credit Type: L1 or L2; Core or elective credit

Description: 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.
Advanced Placement (AP) Human Geography  
1 Unit
CIP #: 45.07700
Prerequisite: Teacher recommendation
Credit Type: L3; Elective credit only

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

World History
World History (Honors)
Advanced Placement (AP) World History: Modern
CIP #: 45.08300
CIP #: 45.08110 (AP)
Prerequisite: Teacher recommendation for Honors/AP
Credit Type: L1, L2 or L3; Required for all students first entering ninth grade in 2008 or later

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

United States History*
United States History (Honors)*
Advanced Placement (AP) United States History*
CIP #: 45.08100
CIP #: 45.08200 (AP)
Prerequisite: Teacher recommendation for Honors and AP
Credit Type: L1, L2 or L3; Required for all students (may substitute with AP U.S. History or IB History of the Americas, Year 1)

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

American Government/Civics
American Government/Civics (Honors)
Advanced Placement (AP) Government/Politics: United States
CIP #: 45.05700
CIP #: 45.05200 (AP)
Prerequisite: Teacher recommendation for Honors and AP
Credit Type: L1, L2 or L3; Required for all students (may substitute with AP Government/Politics: United States)

Description: Focuses on the foundation, principles and structure of the American system of government, examines the role of political parties, social factors as they relate to the role of the citizen, and analyzes the decision-making process that are a part of the system of American political behavior. This course meets the state’s Citizenship requirement for graduation. AP course conforms to College Board topics for the AP exam; includes federalism, separation of powers, influences on the formulation and adoption of the Constitution, political beliefs, political parties and elections, interest groups, institutions and policy processes and civil liberties and civil rights. Enrollment in AP includes the commitment to take the AP exam.
Personal Finance and Economics          .5 Unit
Personal Finance and Economics (Honors)         .5 Unit
Advanced Placement (AP) Macroeconomics  1 Unit
Advanced Placement (AP) Microeconomics  1 Unit
CIP #:  45.06100
CIP #:  45.06200 (AP Macroeconomics)
CIP #:  45.06300 (AP Microeconomics)
Prerequisite:  Teacher recommendation for Honors
Credit Type:   L1, L2 or L3, Required for all students (may substitute with AP Macro or Microeconomics, or IB Economics, Year 1)

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

Advanced Placement (AP) European History  1 Unit
CIP #:  45.08400
Prerequisite:   Teacher recommendation
Credit Type:   L3; Elective credit

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

Current Issues   .5 or 1 Unit
CIP #:  45.01200
Prerequisite:  None
Credit Type:   L1; Elective credit
Description:  Analyzes current issues and influences that are related to these issues and examines how decisions are made concerning those issues. Integrates and reinforces social studies skills

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

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

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

Description:  First half of course investigates principles of sociology, the individual in groups, social institutions, social control and the use of research methods to examine social problems. Second half of course investigates the principles of social institutions, economy, politics, education, religion, and the current issues in sociology including population shifts, collective behavior and social change. Methodologies for study and research development for these areas will be investigated. Integrates and reinforces social studies skills.
Individual and the Law  .5 or 1 Unit
CIP #:  45.05600
Prerequisite:  None
Credit Type:  L1; Elective credit

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

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

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

World Geography  .5 or 1 Unit
CIP #:  45.07110
Prerequisite:  None
Credit Type:  L1; Elective credit

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

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

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

Social Sciences Work-Based Learning (WBL) Placement  .5 or 1 Unit
Social Sciences Work-Based Learning (WBL) Placement (Honors)
CIP #:  45.7XXX0XX
Prerequisite:  Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course
Credit Type:  L1 or L2; Core or elective credit

Description:  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 (I)
CIP #: 60.07200 (II)
CIP #: 60.07300 (III)
CIP #: 60.07400 (IV)
CIP #: 60.07500 (V)
CIP #: 60.07600 (VI)

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

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

Advanced Placement (AP) Spanish Language and Culture  
1 Unit

CIP #: 60.07700
Prerequisite: Spanish I-III
Credit Type: L3; Core or elective credit

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

Advanced Placement (AP) Spanish Literature and Culture  
1 Unit

CIP #: 60.08110
Prerequisite: Spanish I-III
Credit Type: L3; Core or elective credit

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

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

Spanish for Native Spanish Speakers I, II, III (Honors)

CIP #: 60.07900 (I)
CIP #: 60.07910 (II)
CIP #: 60.07920 (III)

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

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

German I, II  
1 Unit

German I – IV (Honors)

CIP #: 61.01100 (I)
CIP #: 61.01200 (II)
CIP #: 61.01300 (III)
CIP #: 61.01400 (IV)

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

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

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

CIP #: 63.7XXX0XX

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

Credit Type: L1 or L2; Core or elective credit

Description: 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.
Theatre Arts/Fundamentals I – IV
CIP #: 52.02100 (I)
CIP #: 52.02200 (II)
CIP #: 52.02300 (III)
CIP #: 52.02400 (IV)
Prerequisite: Courses must be taken in sequence
Credit Type: L1; Core or elective credit
Description: Develops and applies performance strategies of basic vocal, physical and emotional exercises in scene study, while including improvisation and technical art forms. Year II develops and applies performance skills through basic vocal, physical and emotional exercises; includes improvisation and scene study and related technical art forms. Year II-IV provides producing and studying children's theater and literature in depth with performance opportunities. Year IV engages students in writing plays; explores the role of the playwright; students learn by researching, evaluating and synthesizing cultural and historical information to support artistic choice, and analyzing, critiquing, and constructing meanings form informal and formal theatre, film and electronic media.

Theatre Arts/Advanced Drama I, II, III, IV
Theatre Arts/Advanced Drama I, II, III, IV (Honors)
CIP #: 52.05100 (I)
CIP #: 52.05200 (II)
CIP #: 52.05230 (III)
CIP #: 52.05240 (IV)
Prerequisite: Courses must be taken in sequence
Credit Type: L1 or L2; Core or elective credit
Description: Introduces acting and theater as disciplined art forms; covers methods to observe and understand human behavior and to use these observations to create a character; includes basic techniques of stage movement and use of physical expression for communication. Enhances vocal techniques; uses historical, textual and improvisational studies.

Theatre Arts/Musical Theater I, II, III, IV
Theatre Arts/Musical Theater I, II, III, IV (Honors)
CIP #: 52.03100 (I)
CIP #: 52.03200 (II)
CIP #: 52.0330 (III)
CIP #: 52.03400 (IV)
Prerequisite: Courses must be taken in sequence
Credit Type: L1 or L2; Core or elective credit
Description: Introduces the style and characteristic elements of modern musical theater. Covers production staging, orchestration, voice and dance; offers an opportunity for team teaching through interdisciplinary collaboration with the chorus, band, art, technology, physical education and dance instructors. Focuses on voice production, character study, and choreography as related to production.

Theatre Arts/Technical Theater I, II, III, IV
Theatre Arts/Technical Theater I, II, III, IV (Honors)
CIP #: 52.04100 (I)
CIP #: 52.04200 (II)
CIP #: 52.04300 (III)
CIP #: 52.04400 (IV)
Prerequisite: Courses must be taken in sequence
Credit Type: L1 or L2; Core or elective credit
Description: Introduces students to the fundamentals of technical theatre: sound, lights, stage management, scenic design, costumes, etc. Students will also be members of the running crew for theatre productions.

Theatre Arts Work-Based Learning (WBL) Placement
Theatre Arts Work-Based Learning (WBL) Placement (Honors)
CIP #: 52.7XXX0XX
Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course
Credit Type: L1 or L2; Core or elective credit
Description: Develops transferrable employability skills and awareness of workplace culture; mastery of a set of predetermined learning objectives identified with a training plan between the employer and student; understanding of the workplace and self-awareness of related career interests; identification of specific work tasks that will develop workplace competency, soft skills and portfolio development.
Music Appreciation I, II
CIP #: 53.01400
CIP #: 53.01500
Prerequisite: None
Credit Type: L1; Core or elective credit

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

Music Theory & Composition
Advanced Placement (AP) Music Theory
CIP #: 53.02100 (Beginning)
CIP #: 53.02200 (Intermediate)
CIP #: 53.02270 (Advanced)
CIP #: 53.02300 (AP)
Prerequisite: None
Credit Type: L1 or L3; Core or elective credit

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

Beginning Band I, II
CIP #: 53.03610
CIP #: 53.03620
Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence
Credit Type: L1; Core or elective credit

Description: Opportunities to develop performance skills on wind or percussion instrument; emphasizes performance and production, analysis, historical and cultural influences, improvisation and appreciation of music. Concepts and demands found in Grade 1 level literature.

Intermediate Band I – IV
CIP #: 53.03710 (I)
CIP #: 53.03720 (II)
CIP #: 53.03730 (III)
CIP #: 53.03740 (IV)
Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence
Credit Type: L1; Core or elective credit

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

Intermediate Instrumental Ensemble I – IV
CIP #: 53.07510 (I)
CIP #: 53.07520 (II)
CIP #: 53.07530 (III)
CIP #: 53.07540 (IV)

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

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

Intermediate Jazz I – IV
CIP #: 53.06510 (I)
CIP #: 53.06520 (II)
CIP #: 53.06530 (III)
CIP #: 53.06540 (IV)

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

Description: Offers opportunities for intermediate-level performers to increase performance skills and knowledge on instruments or voice in a jazz idiom; includes performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music (especially improvisation and composition) and appreciation of music. Emphasizes jazz as an indigenous American art form and a major component of our cultural heritage. Concepts and demands found in Grades 2 and 3 level literature.
Advanced Band I – IV .5 or 1 Unit
Advanced Band III, IV (Honors)
CIP #: 53.03810 (I)
CIP #: 53.03820 (II)
CIP #: 53.03830 (III)
CIP #: 53.03840 (IV)
Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence; teacher recommendation required for Honors
Credit Type: L1 or L2; Core or elective credit
Description: For the advanced-level performer to increase, develop and refine performance skills and precision; covers performance and production, analysis and theoretical studies, aspects of music and appreciation of music at advanced levels of understanding; stresses self-paced progress in an increasing breadth of repertoire, individual learning strategies and ensemble experiences. Concepts and demands found in Grades 4 and 5 level literature.

Advanced Instrumental Ensemble I – IV 1 Unit
Advanced Instrumental Ensemble III, IV (Honors)
CIP #: 53.07610 (I)
CIP #: 53.07620 (II)
CIP #: 53.07630 (III)
CIP #: 53.07640 (IV)
Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence
Credit Type: L1 or L2; Core or elective credit
Description: For the advanced-level performer to increase, develop and refine performance skills and precision; covers performance and production, analysis and theoretical studies, aspects of music and appreciation of music at advanced levels of understanding; stresses self-paced progress in an increasing breadth of repertoire, individual learning strategies and ensemble experiences. Concepts and demands found in Grades 4 and 5 level literature.

Advanced Jazz I – IV 1 Unit
CIP #: 53.06610 (I)
CIP #: 53.06620 (II)
CIP #: 53.06630 (III)
CIP #: 53.06640 (IV)
Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence
Credit Type: L1 or L2; Core or elective credit
Description: Offers opportunities for advanced-level performers to increase performance skills & knowledge on instruments or voice in a jazz idiom; includes performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music (especially improvisation and composition) and appreciation of music. Emphasizes jazz as an indigenous American art form and a major component of our cultural heritage. Concepts and demands found in Grades 4 and 5 level literature.

Mastery Band I – IV 1 Unit
Mastery Band I – IV (Honors)
CIP #: 53.03910 (I)
CIP #: 53.03920 (II)
CIP #: 53.03930 (III)
CIP #: 53.03940 (IV)
Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence
Credit Type: L1 or L2 Core or elective credit
Description: For the advanced-level performer to increase, develop and refine performance skills and precision; covers performance and production, analysis and theoretical studies, aspects of music and appreciation of music at advanced levels of understanding; stresses self-paced progress in an increasing breadth of repertoire, individual learning strategies and ensemble experiences. Concepts and demands found in Grade 6 level literature.

Beginning Chorus I – IV .5 or 1 Unit
CIP #: 54.02110 (I)
CIP #: 54.02120 (II)
CIP #: 54.02130 (III)
CIP #: 54.02170 (IV)
Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence
Credit Type: L1; Core or elective credit
Description: Provides opportunities to develop performance skills and knowledge in ensemble singing; may include choral literature from any style period; covers analysis and theoretical studies, historical and cultural influences, and creative aspects of music. Concepts and demands found in Class C – D choral literature.
Intermediate Choral Ensemble I – III .5 or 1 Unit
CIP #: 53.07210 (I)
CIP #: 53.07220 (II)
CIP #: 53.07230 (III)
Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence Credit
Type: L1; Core or elective credit

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

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

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

Advanced Choral Ensemble I – IV .5 or 1 Unit
CIP #: 53.07310 (I)
CIP #: 53.07320 (II)
CIP #: 53.07330 (III)
CIP #: 53.07340 (IV)
Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence
Credit Type: L1 or L2; Core or elective credit

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

Advanced Chorus I – IV .5 or 1 Unit
CIP #: 54.02310 (I)
CIP #: 54.02320 (II)
CIP #: 54.02330 (III)
CIP #: 54.02340 (IV)
Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence
Credit Type: L1 or L2; Core or elective credit

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

Mastery Mixed Chorus I – IV 1 Unit
CIP #: 54.02350 (I)
CIP #: 54.02360 (II)
CIP #: 54.02370 (III)
CIP #: 54.02380 (IV)
Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence
Credit Type: L1 or L2; Core or elective credit

Description: For the advanced-level performer to increase, develop and refine performance skills and precision; covers performance and
production, analysis and theoretical studies, aspects of music and appreciation of music at advanced levels of understanding; stresses
self-paced progress in an increasing breadth of repertoire, individual learning strategies and ensemble experiences. Concepts and
demands found in Class A literature.
**Music Work-Based Learning (WBL) Placement**

**Music Work-Based Learning (WBL) Placement (Honors)**

<table>
<thead>
<tr>
<th>CIP #: 53.7XXX0XX</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; able to provide own transportation; &amp; concurrently enrolled in a related course or previously taken a related course</td>
</tr>
<tr>
<td>Credit Type: L1 or L2; Core or elective credit</td>
</tr>
</tbody>
</table>

| 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. |

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**VISUAL ARTS**

**Visual Arts Comprehensive I - IV**

<table>
<thead>
<tr>
<th>CIP #: 50.02110 (I)</th>
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<tbody>
<tr>
<td>CIP #: 50.02120 (II)</td>
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<tr>
<td>CIP #: 50.02130 (III)</td>
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<tr>
<td>CIP #: 50.02400(IV)</td>
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<tr>
<td>CIP #: 50.02600 (V)</td>
</tr>
<tr>
<td>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</td>
</tr>
<tr>
<td>Credit Type: L1; Core or elective credit</td>
</tr>
</tbody>
</table>

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

**Visual Arts/Ceramics I – IV**

<table>
<thead>
<tr>
<th>CIP #: 50.04110 (I)</th>
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<tbody>
<tr>
<td>CIP #: 50.04120 (II)</td>
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<tr>
<td>CIP #: 50.04130 (III)</td>
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<tr>
<td>CIP #: 50.04140 (IV)</td>
</tr>
<tr>
<td>Prerequisite: Visual Arts Comprehensive I; Courses must be taken in sequence</td>
</tr>
<tr>
<td>Credit Type: L1; Core or elective credit</td>
</tr>
</tbody>
</table>

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

**Visual Arts/Drawing I, II**

<table>
<thead>
<tr>
<th>CIP #: 50.03110 (I)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIP #: 50.03120 (II)</td>
</tr>
<tr>
<td>Prerequisite: Visual Arts Comprehensive I; Courses must be taken in sequence</td>
</tr>
<tr>
<td>Credit Type: L1; Core or elective credit</td>
</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>CIP #: 50.03130 (I)</th>
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</thead>
<tbody>
<tr>
<td>CIP #: 50.03140 (II)</td>
</tr>
<tr>
<td>Prerequisite: Visual Arts Comprehensive I; Courses must be taken in sequence</td>
</tr>
<tr>
<td>Credit Type: L1; Core or elective credit</td>
</tr>
</tbody>
</table>

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

1 Unit

CIP #: 50.07110 (I)
CIP #: 50.07120 (II)
CIP #: 50.07130 (III)
CIP #: 50.07140 (IV)

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

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

Visual Arts Work-Based Learning (WBL) Placement

.5 or 1 Unit

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

CIP #: 50.7XXX0XX

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

Description: 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.
Mentorship I – IV (Honors) .5 or 1 Unit
CIP #: 70.01100 (I)
CIP #: 70.01200 (II)
CIP #: 70.01300 (III)
CIP #: 70.01400 (IV)
Prerequisite: Students must be in 11th or 12th grade and must apply (and be selected) to participate
Credit Type: L2; Elective credit

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

Directed Study I – IV (Honors) 1 Unit
CIP #: 70.03100 (I)
CIP #: 70.03200 (II)
CIP #: 70.03300 (III)
CIP #: 70.03400 (IV)
Prerequisite: Approval of school’s Gifted Coordinator
Credit Type: L2; Elective credit

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

Community Service Learning I – IV 1 Unit
CIP #: 70.04100 (I)
CIP #: 70.04200 (II)
CIP #: 70.04300 (III)
CIP #: 70.04400 (IV)
Prerequisite: Recommendation of IEP team
Credit Type: L1; Elective credit

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

**Health**

CIP #: 17.01100  
Prerequisite: None  
Credit Type: L1; **Required for all students; available as E-course**

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

**Personal Fitness**

**Advanced Personal Fitness**  
CIP #: 36.05100 (Personal Fitness)  
CIP #: 36.06100 (Advanced Personal Fitness)  
Prerequisite: None  
Credit Type: L1; **Required for all students; available as E-course**

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

**Weight Training**

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

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

**Body Sculpting**

**Body Sculpting (Advanced)**  
CIP #: 36.05600  
CIP #: 36.06600  
Prerequisite: Courses must be taken in sequence  
Credit Type: L1; **Elective credit only**

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

**Physical Conditioning**

**Physical Conditioning (Advanced)**  
CIP #: 36.05200  
CIP #: 36.06200  
Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence  
Credit Type: L1; **Elective credit only**

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

**Exercise and Weight Control**

**Exercise and Weight Control (Advanced)**  
CIP #: 36.05500  
CIP #: 36.06500  
Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence  
Credit Type: L1; **Elective credit only**

Description: Provides safe, effective and physiologically sound ways to manage weight and alter body composition and metabolism; includes consumer information on products, programs and fitness concepts for developing healthy lifetime habits. The advanced course provides self-management and adherence strategies to continue weight control through a safe and effective exercise program.
Recreational Games (Introductory)  .5 or 1 Unit
Recreational Games (Intermediate)
Recreational Games (Advanced)

CIP #:  36.02700
CIP #:  36.03700
CIP #:  36.04700

Prerequisite: Courses must be taken in sequence; full unit must be earned before enrolling for the next course in the sequence
Credit T:  L1; Elective credit only

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

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

CIP #:  36.02100
CIP #:  36.03100
CIP #:  36.04100

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

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

development.
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.

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<thead>
<tr>
<th>Agriculture Mechanics Systems Pathway (L)</th>
<th>Forest Mechanical Systems (L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>● Basic Agricultural Science</td>
<td>● Basic Agricultural Science</td>
</tr>
<tr>
<td>● Agricultural Mechanics Technology I</td>
<td>● Agricultural Mechanics Technology I</td>
</tr>
<tr>
<td>● Agricultural Mechanics Technology II</td>
<td>● Forest Science</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Agriculture Mechanics/Metal Fabrication (L)</th>
<th>Agriculture Mechanics and Electrical Systems (L)</th>
</tr>
</thead>
<tbody>
<tr>
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<td>● Basic Agricultural Science</td>
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<td>● Agricultural Mechanics Technology I</td>
<td>● Agricultural Mechanics Technology I</td>
</tr>
<tr>
<td>● Agricultural Metals Fabrication</td>
<td>● Agriculture Electricity and Electric Controls</td>
</tr>
</tbody>
</table>

#### Basic Agricultural Science

- **CIP #: 02.47100**
- **Prerequisite:** None
- **Credit Type:** L1; Core or elective credit

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

#### Agricultural Mechanics Technology I – II

- **CIP #: 01.42100**
- **CIP #: 01.42200**
- **Prerequisite:** Basic Agriculture recommended
- **Credit Type:** L1; Core or elective credit

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

#### Agricultural Metals Fabrication

- **CIP #: 01.42400**
- **Prerequisite:** Basic Agriculture and Agricultural Mechanics I recommended
- **Credit Type:** L1; Core or elective credit

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

#### Agriculture Electricity and Electric Controls

- **CIP #: 01.42600**
- **Prerequisite:** Basic Agriculture recommended
- **Credit Type:** L1; Core or elective credit

**Description:** Designed to provide students with introductory level experiences in selected major areas of agricultural mechanics technology associated with the design and installation of electric motor and non-motor load electrical circuits designed for use in agricultural structures, and agricultural industry applications. Topics covered include electrical terms and theory, branch and feeder circuit design and installation, service entrance equipment selection and installation, electric motors and motor controllers, switching devices including thermostats, proximity sensors, float switches, clock timers, relays, and similar devices. **Course available only at Lanier College Career Academy (LCCA).**
Forest Science  
CIP #: 03.45100  
Prerequisite: Basic Agriculture recommended  
Credit Type: L1; Core or elective credit

Description: Provides entry-level skills for employment in the forest industry and for further study. The course covers establishing forests by natural and artificial means, maintaining and surveying forests, identifying and protecting trees, practicing silviculture, measuring trees and land, mapping, preparing for timber sales and harvest, employing multiple-use resource management, keeping records, and figuring taxes. Course meets fourth science requirement for students entering ninth grade in 2008 and later and is recognized by the Board of Regents as such. Course available only at Lanier College Career Academy (LCCA).

Agriculture Work-Based Learning (WBL) Placement .5 or 1 Unit
Agriculture Work-Based Learning (WBL) Placement (Honors)
CIP #: 01.7XXX0XX  
Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course  
Credit Type: L1 or L2; Core or elective credit

Description: 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.

Agriscience Work-Based Learning (WBL) Placement .5 or 1 Unit
Agriculture, Science & Technology Work-Based Learning (WBL) Placement (Honors)
CIP #: 02.7XXX0XX  
Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course  
Credit Type: L1 or L2; Core or elective credit

Description: 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.

Natural Resources Work-Based Learning (WBL) Placement .5 or 1 Unit
Agriculture, Science & Technology Work-Based Learning (WBL) Placement (Honors)
CIP #: 03.7XXX0XX  
Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course  
Credit Type: L1 or L2; Core or elective credit

Description: 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.

ARCHITECTURE & CONSTRUCTION

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

**Carpentry Pathway (C)**
- Industry Fund & Occupational Safety
- Introduction to Construction
- Carpentry I

**Electrical Pathway (C)**
- Industry Fund & Occupational Safety
- Introduction to Construction
- Electrical I

**Heating, Vent, Air Conditioning & Refrigeration (L)**
- Industry Fund & Occupational Safety
- Introduction to HVACR Systems
- Heating, Ventilation, Air Cond, & Refrigeration

**HVACR Electrical Pathway (L)**
- Industry Fund & Occupational Safety
- Introduction to HVACR Systems
- Low Voltage Electrical
Industry Fundamentals & Occupational Safety  
CIP #: 46.54500  
Prerequisite: None  
Credit Type: L1; Core or elective credit  
Description: Develops basic knowledge to function safely on or around a construction site and in the industry in general and is the foundational course that prepares students for a pursuit of any career in the fields of Carpentry, Plumbing, Electrical, Masonry, Machining, or Welding. Course includes: basic content of OSHA standards, construction math, hand and power tools used in the field, general blueprints and basics of rigging safety.

Introduction to Construction  
CIP #: 46.54600  
Prerequisite: Industry Fundamentals and Occupational Safety  
Credit Type: L1; Core or elective credit  
Description: Students will build on their knowledge and skills developed in Occupational Safety and will be introduced to the history and traditions of the carpentry, masonry, plumbing and electrical craft trades. Course will also include knowledge of the care and safe use of hand and power tools and the differentiation between blueprints as related to each individual craft area.

Carpentry I  
CIP #: 46.55000  
Prerequisite: Introduction to Construction  
Credit Type: L1; Core or elective credit  
Description: Provides an overview of the building materials used in the carpentry craft. It teaches techniques for reading and using blueprints and specifications especially as related to the carpentry craft. Includes specific knowledge and skills in site layout floor and wall framing systems. Also includes the basic industry terminology for a carpentry craftsperson.

Carpentry II  
CIP #: 46.55100  
Prerequisite: Approval of Habitat High Instructor; Carpentry I  
Credit Type: L1; Core or elective credit  
Description: This course includes knowledge and skills in various kinds of roof systems, layout and cutting types of roof rafters; installing exterior doors and windows; code requirements of building a house. On-site experience in the craft trade areas of building a residential house. Habitat High students only.

Construction Internship  
CIP #: 46.54700  
Prerequisite: Approval of Habitat High Instructor  
Credit Type: L1; Core or elective credit  
Description: This course provides work-based learning experience on a job site. Students work under the supervision of an assigned company mentor who is an accomplished craft journeyman. Students have the opportunity to practice finished work and develop problem solving skills. Students practice adaptability to job equipment and technology and exhibit progressive productivity and acceptable job performance. Habitat High students only.

Electrical I  
CIP #: 46.56000  
Prerequisite: Introduction to Construction  
Credit Type: L1; Core or elective credit  
Description: Builds on the concepts of electrical safety introduced in Occupational Safety; provides knowledge of the hardware and systems used by an electrical and the basic skills to install them. Also provides the knowledge and skills of: electrical systems, including series, parallel, and series-parallel circuits; the National Electrical Code; and conduit bending and installation.

Introduction to HVACR Systems  
CIP #: 47.41400  
Prerequisite: Industry Fundamentals and Occupational Safety  
Credit Type: L1; Core or elective credit  
Description: Students will be introduced to two-construction craft areas. The goal of the course is to introduce students to the basic building blocks of the HVACR and Low Voltage Electrical craft trades. Students will explore how the crafts affect the mechanical systems in a building and will learn and apply knowledge of the electrical, electronic, and mechanical components related to each trade. In addition, students will be introduced to, and develop skills to differentiate between tools used in each individual craft area. Course available only at Lanier College Career Academy (LCCA).
Heating, Ventilation, Air-Conditioning Refrigeration  
1 Unit  
CIP #: 47.41500  
Prerequisite: Introduction to HVACR Systems  
Credit Type: L1; Core or elective credit

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

Low Voltage Electrical  
1 Unit  
CIP #: 47.416  
Prerequisite: Introduction to HVACR Systems  
Credit Type: L1; Core or elective credit

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

Construction Technology Work-Based Learning (WBL) Placement  
.5 or 1 Unit  
CIP #: 46.7XXX0XX  
Prerequisite: Application process required and acceptance into the program  
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.

HVAC/Transportation Work-Based Learning (WBL) Placement  
.5 or 1 Unit  
CIP #: 47.7XXX0XX  
Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course  
Credit Type: L1 or L2; Core or elective credit

Description: 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.

ARTS, A/V TECHNOLOGY & COMMUNICATIONS

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

Audio-Video Technology & Film I (C)  
- Audio-Video Technology Film I  
- Audio-Video Technology Film II  
- Audio-Video Technology Film III

Audio-Video Technology & Film II (C)  
- Audio-Video Technology Film I  
- Audio-Video Technology Film II  
- Broadcast Video Applications

Graphics Communications Pathway (C) H  
- Introduction to Graphics and Design  
- Graphic Design and Production  
- Advanced Graphic Output Processes

Audio-Video Technology Film I  
1 Unit  
CIP #: 10.51810  
Prerequisite: None  
Credit Type: L1; Core or elective credit

Description: The foundational course in the Audio & Video Technology & Film Pathway which helps prepares students for employment or entry into a postsecondary education program in the audio and video technology career field. Topics covered include: terminology, safety, basic equipment, script writing, production teams, production and programming, lighting, recording and editing, studio production, and professional ethics.
Audio-Video Technology and Film II
CIP #: 10.51910
Prerequisite: Audio-Video Technology Film I
Credit Type: L1; Core or elective credit

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

Audio-Video Technology and Film III
CIP #: 10.52010
Prerequisite: Audio-Video Technology and Film II
Credit Type: L1; Core or elective credit

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

Broadcast Video Applications
CIP #: 10.51410
Prerequisite: Audio-Video Technology Film II
Credit Type: L1; Core or elective credit

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

Introduction to Graphics and Design
Introduction to Graphics and Design (Honors)
CIP #: 48.56100
Prerequisite: None; Teacher recommendation for honors
Credit Type: L1 or L2; Core or elective credit

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

Graphic Design and Production
Graphic Design and Production (Honors)
CIP #: 48.56200
Prerequisite: Introduction to Graphics and Design; Teacher recommendation for honors
Credit Type: L1 or L2; Core or elective credit

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

Advanced Graphic Output Processes
Advanced Graphic Output Processes (Honors)
CIP #: 48.57000
Prerequisite: Graphic Design and Production
Credit Type: L1 or L2; Core or elective credit

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

Arts, A/V Technology & Communications Work-Based Learning (WBL) Placement
Arts, A/V Technology & Communications Work-Based Learning (WBL) Placement (Honors)
CIP #: 10.7XXX0XX
Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course
Credit Type: L1 or L2; Core or elective credit

Description: 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.
Precision Production Occupations Work-Based Learning (WBL) Placement .5 or 1 Unit
Precision Production Occupations Work-Based Learning (WBL) Placement (Honors)
CIP #: 48.7XXX0XX
Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course
Credit Type: L1 or L2; Core or elective credit

Description: 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.

BUSINESS, MANAGEMENT & ADMINISTRATION

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

Business Management Work-Based Learning (WBL) Placement .5 or 1 Unit
Business Management Work-Based Learning (WBL) Placement (Honors)
CIP #: 06.7XXX0XX
Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course
Credit Type: L1 or L2; Core or elective credit

Description: 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.

Business Computer Science Work-Based Learning (WBL) Placement .5 or 1 Unit
Business Computer Science Work-Based Learning (WBL) Placement (Honors)
CIP #: 07.7XXX0XX
Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course
Credit Type: L1 or L2; Core or elective credit

Description: 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.

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.

Education & Training Work-Based Learning (WBL) Placement .5 or 1 Unit
Education & Training Work-Based Learning (WBL) Placement (Honors)
CIP #: 13.7XXX0XX
Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course
Credit Type: L1 or L2; Core or elective credit

Description: 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.

Early Childhood/Culinary Work-Based Learning (WBL) Placement .5 or 1 Unit
Early Childhood/Culinary Work-Based Learning (WBL) Placement (Honors)
CIP #: 20.7XXX0XX
Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course
Credit Type: L1 or L2; Core or elective credit

Description: 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.
**FINANCE**

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

| .5 or 1 Unit |

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

| CIP #: 07.7XXX0XX |

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

Credit Type: L1 or L2; Core or elective credit

Description: 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.

**HEALTH SCIENCE**

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

- **Therapeutic Serv-Patient Care Pathway (C)**
  - Introduction to Healthcare Science
  - Essentials of Healthcare
  - Patient Care Fundamentals

- **Therapeutic Serv-Emergency Medical Responder (C)**
  - Introduction to Healthcare Science
  - Essentials of Healthcare
  - Emergency Medical Responder

- **Therapeutic Services-Allied Health & Medicine **
  - Introduction to Healthcare Science
  - Essentials of Healthcare
  - Allied Health & Medicine

- **Therapeutic Services-Exercise Physiology (C)**
  - Introduction to Healthcare Science
  - Essentials of Healthcare
  - Fundamentals of Exercise Physiology

- **Therapeutic Services-Sports Medicine **
  - Introduction to Healthcare Science
  - Essentials of Healthcare
  - Sports Medicine

**Introduction to Healthcare Science**

| 1 Unit |

| CIP #: 25.521 |

Prerequisite: None

Credit Type: L1 or L2; Core or elective credit

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

**Essentials of Healthcare**

| 1 Unit |

| CIP #: 25.44000 |

Prerequisite: Introduction to Healthcare Science

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

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

**Patient Care Fundamentals**

| 1 Unit |

| CIP #: 25.43600 |

Prerequisite: Introduction to Healthcare Science & Essentials of Healthcare

Credit Type: L1; Core or elective credit

Description: Designed to provide students interested in the careers that involve patient care with entry level skills most commonly associated with the career Nursing Assistant.
Emergency Medical Responder 1 Unit
CIP #: 25.45000
Prerequisite: Introduction to Healthcare Science
Credit Type: L1; Core or elective credit

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

Allied Health and Medicine 1 Unit
Allied Health and Medicine (Honors) 1 Unit
CIP #: 25.43700
Prerequisite: Essentials of Healthcare
Credit Type: L1 or L2; Core or elective credit

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

Sports Medicine 1 Unit
Sports Medicine (Honors) 1 Unit
CIP #: 25.44600
Prerequisite: Introduction to Healthcare Science
Credit Type: L1 or L2; Core or elective credit; course meets fourth science requirement for students entering ninth grade in 2008 and later and is recognized by the Board of Regents as such

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

Fundamentals of Exercise Physiology 1 Unit
CIP #: 25.45400
Prerequisite: Introduction to Healthcare Science
Credit Type: L1; Core or elective credit

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

Health Science Technology Work-Based Learning (WBL) Placement .5 or 1 Unit
Health Science Technology Work-Based Learning (WBL) Placement (Honors) .5 or 1 Unit
CIP #: 25.7XXX0XX
Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course
Credit Type: L1 or L2; Core or elective credit

Description: 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.

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.

<table>
<thead>
<tr>
<th>Hospitality, Recreation &amp; Tourism Pathway (L)</th>
<th>Culinary Arts Pathway* (L)</th>
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<tr>
<td>• Marketing Principles</td>
<td>• Introduction to Culinary Arts</td>
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<tr>
<td>• Hospitality, Recreation &amp; Tourism Essentials</td>
<td>• Culinary Arts I</td>
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<td>• Hospitality, Recreation/Tourism Management</td>
<td>• Culinary Arts II</td>
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* 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
Prerequisite: None
Credit Type: L1; Core or elective credit
Description: The foundational course for Marketing pathways and addresses all the ways in which marketing satisfies consumer and business needs and wants for products and services. Students develop a basic understanding of Employability, Foundational and Business Administration skills, Economics, Entrepreneurship, Financial Analysis, Human Resources Management, Information Management, Marketing, Operations, Professional Development, Strategic Management, and Global Marketing strategies.

Hospitality, Recreation & Tourism Essentials 1 Unit
Hospitality, Recreation & Tourism Essentials (Honors)
CIP #: 08.45300
Prerequisite: None
Credit Type: L1; Core or elective credit
Description: Focuses on the basics of marketing and business in relation to the hospitality, recreation, and tourism industry in the U.S. and abroad. Students will study destination geography, world economies, and historical timelines related to major segments of the hospitality industry and will determine how the lodging industry uses marketing to achieve goals. The vital roles of group, convention and meeting planning, human relations, communications and ethics will be discussed along with the recreation industry segment. Course available only at Lanier College Career Academy (LCCA).

Hospitality, Recreation & Tourism Management 1 Unit
Hospitality, Recreation & Tourism Management (Honors)
CIP #: 08.45400
Prerequisite: Hospitality, Recreation & Tourism Essentials; Honors requires recommendation of Hospitality teacher
Credit Type: L1 or L2; Core or elective credit
Description: Analyze operations, control systems, management structures, service levels, cost effective operations and related technology in the hospitality industry. Demonstrate skills in handling legal and liability issues and human resources functions and develop an innate understanding that exemplary customer service skills define success in the industry. Course available only at Lanier College Career Academy (LCCA).

Marketing Research (Marketing Applications in Hospitality or Advertising) 1 Unit
CIP #: 08.480
Prerequisite: Marketing Principles or approval of instructor; Honors requires recommendation of Hospitality/Advertising teacher
Credit Type: L1 or L2; Core or elective credit
Description: Students will gain an understanding of marketing research and the important role it plays in the field of hospitality or advertising. By using primary and secondary research, the students will learn the value of knowing the customer, be able to identify a viable target market, and then create and execute a marketing plan stemming from the research. Students will learn to examine collection methods, control groups, and other important aspects of conducting research within the context of the hospitality or advertising industry. Student research, experimentation, and results will be applied to the running of a business.

Hospitality Practicum .5 or 1 Unit
CIP #: 08.7XXX0X3
Prerequisite: Application process required
Credit Type: L1; Core or elective credit
Description: Introduces students to the hospitality industry through hands-on rotations in business settings related to the hotel, food, tourism, travel, and recreation industries. Exposes students to general business and marketing responsibilities needed for success in the hospitality industry. Students will work with community and business leaders from around the state in real business situations in the Meetings & Events conference facility, Get Gifted specialty retail store, and the Sales & Marketing Department of The Oaks. Course available only at Lanier College Career Academy (LCCA).

Marketing, Sales & Service Work-Based Learning (WBL) Placement .5 or 1 Unit
Marketing, Sales & Service Work-Based Learning (WBL) Placement (Honors)
CIP #: 08.7XXX0XX
Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course
Credit Type: L1 or L2; Core or elective credit
Description: 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.
Introduction to Culinary Arts
CIP #: 20.53100
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
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
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
CIP #: 20.7XXX0X3
Prerequisite: Completion of the Culinary Arts Pathway courses
Credit Type: L1; Core or elective credit

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

Culinary/Early Childhood Work-Based Learning (WBL) Placement
Culinary/Early Childhood Work-Based Learning (WBL) Placement (Honors)
CIP #: 20.7XXX0XX
Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course
Credit Type: L1 or L2; Core or elective credit

Description: 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.

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
- Cosmetology Services II
- Cosmetology Services III

Introduction to Personal Care Services
CIP #: 12.544
Prerequisite: None
Credit Type: L1; Core or elective credit

Description: Introduces both fundamental theory and practices of the personal care professions including nail technicians, estheticians, barbers, and cosmetologists. Emphasis will be placed on professional practices and safety. Areas addressed in this course include: state rules and regulations, professional image, bacteriology, decontamination and infection control, chemistry fundamentals, safety, Hazardous Duty Standards Act compliance, and anatomy and physiology. Students will experience basic hands on skills in each area to help them determine the pathway they are most interested in pursuing. Course available only at Lanier College Career Academy (LCCA).
Cosmetology Services II  
**CIP #: 12.41000**  
**Prerequisite:** Introduction to Personal Care Services; courses must be taken in sequence  
**Credit Type:** L1; Core or elective credit  

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

Cosmetology Services III  
**CIP #: 12.41100**  
**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 IV  
**CIP #: 12.41200**  
**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).

Personal Services Work-Based Learning (WBL) Placement  
**CIP #: 12.7XXX0XX**  
**Prerequisite:** Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course  
**Credit Type:** L1 or L2; Core or elective credit  

**Description:** 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.

Early Childhood/Culinary Work-Based Learning (WBL) Placement  
**CIP #: 20.7XXX0XX**  
**Prerequisite:** Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course  
**Credit Type:** L1 or L2; Core or elective credit  

**Description:** 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.

### INFORMATION TECHNOLOGY

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

**Computer Science Pathway (C)**  
- Introduction to Digital Technology OR Introduction to Software Technology  
- Computer Science Principles OR AP Computer Science Principles  
- AP Computer Science A

**Web Development (C)**  
- Introduction to Digital Technology OR Introduction to Software Technology  
- Computer Sci Prin OR AP Comp Sci Prin  
- Web Development
Introduction to Software Technology
Introduction to Software Technology (Honors)
CIP #: 11.446
Prerequisite: None
Credit Type: L1 or L2; Core or elective credit

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

Computer Science Principles
Computer Science Principles (Honors)
CIP #: 11.471

Prerequisite: Introduction to Digital Technology; teacher recommendation
Credit Type: L1 or L2; Core or elective credit; course meets fourth science requirement for students entering ninth grade in 2015 and later and is recognized by the Board of Regents as such. Course also meets fourth mathematics or world language requirement in high school graduation; two computer science courses from the same pathway will satisfy two years of sequenced foreign language courses for USG admissions.

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

AP Computer Science Principles
CIP #: 11.019
Prerequisite: Teacher recommendation
Credit Type: L3; Core or elective credit; course meets fourth science requirement for students entering ninth grade in 2015 and later and is recognized by the Board of Regents as such. Course also meets fourth mathematics or world language requirement for high school graduation; two computer science courses from the same pathway will satisfy two years of sequenced foreign language courses for USG admissions.

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

Advanced Placement Computer Science A
CIP #: 11.01600
Prerequisite: Approval by instructor
Credit Type: L3; Core or elective credit; course satisfies the fourth science requirement for students entering ninth grade in 2015 and later and is recognized by the Board of Regents as such. Course also meets fourth mathematics or world language requirement for high school graduation; two computer science courses from the same pathway will satisfy two years of sequenced foreign language courses for USG admissions.

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

Web Development
Web Development (Honors)
CIP #: 11.42500
Prerequisite: Introduction to Digital Technology
Credit Type: L1 or L2; Core or elective credit; course meets fourth science requirement for students entering ninth grade in 2015 and later and is recognized by the Board of Regents as such. Course also meets fourth mathematics or world language requirement for high school graduation; two computer science courses from the same pathway will satisfy two years of sequenced foreign language courses for USG admissions.

Description: This course, with Hypertext Markup Language (HTML) and Cascading Style Sheet (CSS) as its foundation, will teach students to develop and design responsive web sites through coding, testing, debugging and implementation of web-based services. This course will also allow students to learn about content management systems, client side languages, server side languages, and database concepts. The course is designed to give students foundational knowledge of "front-end" and "back-end" development to address the presentation and data access layers of web site development.
Information Technology Work-Based Learning (WBL) Placement .5 or 1 Unit

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

Description: 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

Law, Public Safety & Security Work-Based Learning (WBL) Placement (Honors)
CIP #: 43.7XXX0XX

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

Description: 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.

Industry Fundamentals & Occupational Safety 1 Unit

CIP #: 46.54500
Prerequisite: None
Credit Type: L1; Core or elective credit

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

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

Science, Technology, Engineering & Mathematics Work-Based Learning (WBL) Placement (Honors)
CIP #: 21.7XXX0XX

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

Description: 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.

Precision Production Occupations Work-Based Learning (WBL) Placement .5 or 1 Unit

Precision Production Occupations Work-Based Learning (WBL) Placement (Honors)
CIP #: 48.7XXX0XX

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

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

**Marketing & Management Pathway (C)**
- Marketing Principles
- Marketing & Entrepreneurship
- Marketing Management

**Marketing Comm & Promotions Pathway (L)**
- Marketing Principles
- Promotional and Digital Marketing
- Integrated Marketing Communications

**Marketing Principles** 1 Unit
CIP #: 08.474
Prerequisite: None
Credit Type: L1; Core or elective credit
Description: 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.

**Marketing & Entrepreneurship** 1 Unit
CIP #: 08.44100
Prerequisite: Marketing Principles
Credit Type: L1; Core or elective credit
Description: Begins an in-depth and detailed study of marketing while also focusing on management with specific emphasis on small business ownership. Builds on the theories learned in Marketing Principles by providing practical application scenarios which test these theories. In addition, focuses on the role of the supervisor and examines the qualities needed to be successful.

**Marketing Management** 1 Unit
CIP #: 08.44200
Prerequisite: Marketing Principles
Credit Type: L1; Core or elective credit
Description: Students assume a managerial perspective by applying economic principles in marketing, analyzing operation's needs, examining channel management and financial alternatives, managing marketing information, pricing products and services, developing product/service planning strategies, promoting products and services, purchasing, and professional sales. Includes global marketing where students analyze marketing strategies employed in the United States versus those employed in other countries.

**Promotional & Digital Marketing** 1 Unit
CIP #: 08.45100
Prerequisite: None; courses may be taken concurrently
Credit Type: L1; Core or elective credit
Description: This course focuses on the performance of key responsibilities required in a retail environment. Students develop skills in pricing, visual merchandising, advertising, special promotions, professional sales, and customer service.

**Integrated Marketing Communications** 1 Unit
CIP #: 08.45200
Prerequisite: None; courses may be taken concurrently
Credit Type: L1; Core or elective credit
Description: Focuses on the communication aspects of the business in relation to customer/consumer relationships. Students develop knowledge and skills in advertising, direct marketing, public relations, sales promotions, and digital marketing communications. Students learn how communications affects budget considerations, marketing information decision-making and all future business opportunities.
Marketing Research [Marketing Applications in Hospitality or Advertising]  
1 Unit
CIP #: 08.480
Prerequisite: Marketing Principles or approval of instructor; Honors requires recommendation of Hospitality/Advertising teacher
Credit Type: L1 or L2; Core or elective credit

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

Design & Business Management Practicum  
1 Unit
CIP #: 08.7XXX0X3
Prerequisite: Application process required
Credit Type: L1; Core or elective credit; courses are designed as yearlong courses

Description: If you have successfully completed a marketing, business, graphic design, or visual arts class, this course is for you! Students will work together in the Design 360 Promotions Lab 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).

Marketing, Sales & Service Work-Based Learning (WBL) Placement  
.5 or 1 Unit
CIP #: 08.7XXX0XX
Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course
Credit Type: L1 or L2; Core or elective credit

Description: 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.

Science, Technology, Engineering & Mathematics Work-Based Learning (WBL) Placement  
.5 or 1 Unit
CIP #: 21.7XXX0XX
Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; able to provide own transportation; & concurrently enrolled in 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.

Precision Production Occupations Work-Based Learning (WBL) Placement  
.5 or 1 Unit
CIP #: 48.7XXX0XX
Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; able to provide own transportation; & concurrently enrolled in 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.
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.

General Automotive Technology (C)
- Automotive Technologies 1
- Automotive Technologies 2
- Automotive Technologies 3

Automotive Technologies 1
CIP# 47.45000
Prerequisite: None
Credit Type: L1; Core or elective credit

Description: Designed as the foundational course for the General Automotive Technology pathway. Students in this course will learn the basic skills needed to gain employment as an entry-level automotive technician. Students will be exposed to courses in automotive preventative maintenance, brakes, steering and suspension, electrical systems, engine repair, engine performance, automatic transmission, manual transmission and differential & automotive HVAC. The hours completed in this course are aligned with ASE standards and are a base for the entry-level technician.

Automotive Technologies 2
CIP # 47.45100
Prerequisite: Automotive Technologies 1
Credit: L1; Core or elective credit

Description: Designed as the second course for the General Automotive Technology Pathway. Students in this course will learn the basic skills needed to gain employment as an entry-level automotive technician. Students will be exposed to courses in automotive preventative maintenance, brakes, steering and suspension, electrical systems, engine repair, engine performance, automatic transmission, manual transmission and differential & automotive HVAC. The hours completed in this course are aligned with ASE standards and are a base for the entry-level technician.

Automotive Technologies 3
CIP # 47.45200
Prerequisite: Automotive Technologies 2
Credit: L1; Core or elective credit

Description: Designed as the third course for the General Automotive Technology Pathway. Students in this course will learn the basic skills needed to gain employment as an entry-level automotive technician. Students will be exposed to courses in automotive preventative maintenance, brakes, steering and suspension, electrical systems, engine repair, engine performance, automatic transmission, manual transmission and differential & automotive HVAC. The hours completed in this course are aligned with ASE standards and are a base for the entry-level technician.

HVAC/Transportation Work-Based Learning (WBL) Placement
CIP #: 47.7XXX0XX
Prerequisite: Approval by Work-based Learning Coordinator; teacher recommendation; age 16 or older; able to provide own transportation; & concurrently enrolled in a related course or previously taken a related course
Credit Type: L1 or L2; Core or elective credit

Description: 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.
### Tools for College Success I
- **CIP #:** 35.06700  
- **Prerequisite:**  
- **Credit Type:** L1; Elective credit  

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

### High School Transition IV
- **CIP #:** 35.06800  
- **Prerequisite:** Approval of the school Instructional Coordinator  
- **Credit Type:** L1; Elective credit  

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

### Advanced Placement Seminar
- **CIP #:** 35.09000  
- **Prerequisite:** Approval of school AP Coordinator  
- **Credit Type:** L3; Elective credit  

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

### Advanced Placement Research
- **CIP #:** 35.09100  
- **Prerequisite:** Approval of school AP Coordinator  
- **Credit Type:** L3; Elective credit  

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

### Peer Facilitation I – IV
- **CIP #:** 35.04100 (I)  
- **CIP #:** 35.04200 (II)  
- **CIP #:** 35.04300 (III)  
- **CIP #:** 35.04400 (IV)  
- **Prerequisite:** None  
- **Credit Type:** L1; Elective credit only  

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

### Social Skills I – IV
- **CIP #:** 35.05100 (I)  
- **CIP #:** 35.05200 (II)  
- **CIP #:** 35.05300 (III)  
- **CIP #:** 35.05400 (IV)  
- **Prerequisite:** Courses must be taken in sequence  
- **Credit Type:** L1; Elective credit only  

**Description:** Course addresses social-emotional needs of students including peer relations, problem-solving and conflict resolution. Methods introduced to improve decision-making, problem solving, and interpersonal skills. Emphasizes rule compliance and social-emotional competence; identifying personal strengths and weaknesses, communication skills and adjusting to new expectations.
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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Preventing 21st Century Learners for the Future!

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