**Student Plan of Study – Carpentry**

Name __________________________ Date ____________ School __________________________

Parent/Guardian Signature __________________________ Date ____________ Advisor/Counselor Signature __________________________ Date ____________

*Current Area of Interest: Architecture & Construction/Carpentry* - This PLAN OF STUDY should serve as a guide for the next four years. Courses listed in this plan are only recommended coursework and should be individualized to meet each student’s educational and career goals. All plans will meet minimum high school graduation requirements. Applicants to the University System of Georgia and the Technical College System of Georgia institutions should be advised that meeting minimum requirements will not guarantee admission. Postsecondary institutions may set additional requirements.

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>I. English/Language Arts Total 4 credits</th>
<th>II. Math Total 4 credits</th>
<th>III. Science Total 4 credits</th>
<th>IV. Social Studies Total 3 credits</th>
<th>V. Health/Personal Fitness Total 1 credit</th>
<th>VI. Possible electives in additional pathways (students should check the local course description catalog for these and other electives) Total 4 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>9th Literature &amp; Composition or Approved Dual Enrollment Course</td>
<td>1 CCGPS Cord Algebra</td>
<td>Biology or Approved Dual Enrollment Course</td>
<td>American Government/Civics or AP Government/Politics US or Approved Dual Enrollment Course</td>
<td>1/2 credit</td>
<td>Advanced Academic Pathways English/Language Arts, Math, Science, Social Studies</td>
</tr>
<tr>
<td></td>
<td>1 credit</td>
<td>Credit Earned</td>
<td>1 credit *</td>
<td>1 credit *</td>
<td>1 credit</td>
<td>An advanced academic pathway may be followed in any one of the content subjects listed above. Upon graduation, students earn an advanced academic pathway when they complete the required coursework to include at least one AP or one IB or one Dual Enrollment course. An advanced academic pathway should also include at least two credits in one world language. AP, Dual Enrollment and Georgia Virtual School courses may be available.</td>
</tr>
<tr>
<td>10</td>
<td>10th Literature &amp; Composition or World Literature &amp; Composition or Approved Dual Enrollment Course</td>
<td>1 CCGPS Analytic Geometry</td>
<td>Physical Science or Physics or AP Physics or Approved Dual Enrollment Course</td>
<td>World History or AP World History or Approved Dual Enrollment Course</td>
<td>1 credit</td>
<td>World Language Pathways <strong>Two credits are required for admissions to University System Institutions.</strong> For a listing of world language courses offered at your high school, please consult your advisor. AP, IB or Dual Enrollment course. A world language pathway may be followed in any of the world language areas included in the state list of approved courses. Upon graduation, students earn a world language pathway when they complete three credits in one language. The third course may reflect an AP, IB or Dual Enrollment designation. Georgia Virtual School and ACCEL courses may be available.</td>
</tr>
<tr>
<td></td>
<td>1 credit</td>
<td>Credit Earned</td>
<td>1 credit *</td>
<td>1 credit</td>
<td>1 credit</td>
<td>Fine Arts/Performing Arts Pathways Visual Arts, Dance, Music, Journalism, Theatre</td>
</tr>
<tr>
<td>11</td>
<td>American Literature/Composition or AP English Language &amp; Composition/American Lit or Approved Dual Enrollment Course</td>
<td>1 CCGPS Adv Alg</td>
<td>Chemistry or Environmental Science or Earth Systems or APII/B or Approved Dual Enrollment Course</td>
<td>United States History or AP US History or IB History of the Americas or Approved Dual Enrollment Course</td>
<td>1 credit</td>
<td>A fine arts pathway may be followed in any one of the five areas listed above. Upon graduation, students complete a fine arts/performing arts pathway when three courses have been successfully completed in any one of the five areas. A student should consult a counselor or advisor for related coursework. AP, Dual Enrollment and Georgia Virtual School courses may be available.</td>
</tr>
<tr>
<td></td>
<td>1 credit</td>
<td>Credit Earned</td>
<td>1 credit *</td>
<td>1 credit</td>
<td>1 credit</td>
<td>Legend:</td>
</tr>
</tbody>
</table>
| 12          | Advanced Composition or British Literature or AP/IB English Literature & Composition or Approved Dual Enrollment Course | CCGPS Pre-Cal or Adv Math Decision Making or Math of Ind & Govern or AP Stats or IB Math or Approved Dual Enrollment Course | Any other of the previous courses or Ecology or Geology or Approved Dual Enrollment Course | EconBusiness/Free Enterprise or AP Macro Econ or AP Micro Econ or IB Econ or Approved Dual Enrollment Course | 1 credit | **Science: Advanced 4th Sciences** may be used to meet both the required science and required elective in a Career, Technical and Agricultural Education (CTAE) sequence of courses; see Fourth Science Requirements for more information. The student may take science courses in any sequence. **Math:** Select Math sequence 1, 2, 3, 4, based on 9th grade entry course. **Students must complete two credits of the same world language for admission to University System of Georgia institutions.** **Students should complete a CTAE pathway and take the related end of pathway assessment.**
|             | 1 credit                                  | Credit Earned           | 1 credit *                   | 1 credit                          | 1 credit | NOTE: Local systems may offer core courses in a different sequence; not all local systems offer every pathway. Students should explore all credit possibilities including Georgia’s Virtual School Program, Dual Enrollment, Advanced Placement (AP), International Baccalaureate (IB) and Work-Based Learning (WBL) to reach their educational and career goals. |

At the end of the 11th grade, students planning to enter a University System of Georgia institution or Technical College System of Georgia institution should take the appropriate admissions test (SAT, ACT, Compass).

Richard Woods, Georgia’s School Superintendent

"Educating Georgia’s Future"
Revision #4 June 2015

**SAMPLE Pathway OCCUPATIONS**

See *Georgia’s HOT Careers to 2020* for more information on high-skilled, high-wage and high-demand occupations.

<table>
<thead>
<tr>
<th>Occupation Specialties</th>
<th>Entry Level of Education Needed</th>
<th>2012 Annual Wage</th>
<th>Annual Openings 2012-2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carpenters</td>
<td>High School</td>
<td>$35,700</td>
<td>730</td>
</tr>
<tr>
<td>Construction Managers</td>
<td>Associate’s Degree</td>
<td>$78,300</td>
<td>490</td>
</tr>
<tr>
<td>Construction Inspectors</td>
<td>High School</td>
<td>$44,900</td>
<td>80</td>
</tr>
</tbody>
</table>

Source: Georgia Department of Labor/ONET

For more information about your education and career planning, including valuable financial aid information that includes grants and scholarships, see your school counselor.

**Current Georgia Graduation Rule**

<table>
<thead>
<tr>
<th>Coursework</th>
<th>Credits</th>
<th>Coursework</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. English/Language Arts</td>
<td>4</td>
<td>V. Health &amp; Physical Education</td>
<td>1</td>
</tr>
<tr>
<td>II. Math</td>
<td>4</td>
<td>VI. **Career, Technical &amp; Agricultural Education</td>
<td>3</td>
</tr>
<tr>
<td>III. *Science</td>
<td>4</td>
<td>and/or ***World Languages, and/or Fine Arts</td>
<td>3</td>
</tr>
<tr>
<td>IV. Social Studies</td>
<td>3</td>
<td>VII. Electives</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TOTAL</td>
<td>23</td>
</tr>
</tbody>
</table>

*Selected 4th Science courses may be used to meet both the required science and required elective in a CTAE sequence of courses.

**Students must complete three credits to complete a CTAE pathway and take the end of pathway assessment.

***Students must complete two credits of the same world language for admission to Georgia Board of Regents colleges/universities.

****Current graduation requirements should be met in all content areas.

NOTE: This plan represents minimum graduation requirements. Local systems may require additional coursework.

**Postsecondary Transition:**

- Students who will continue their education in a Program of Study at one of the University System of Georgia institutions should prepare to take the ACT or SAT for admissions. Tests for admissions may vary from institution to institution. Contact the selected institution for specific testing information. Additional admissions information can be found at Staying On Course. ([www.usg.edu/student_affairs/documents/Staying_on_Course.pdf](http://www.usg.edu/student_affairs/documents/Staying_on_Course.pdf))

- Students who will continue their education in a Program of Study at one of the Technical College System of Georgia institutions should prepare to take the COMPASS test for admissions.

- Students who will continue their education and training in the US Military should take the ASVAB assessment.

- Students should utilize electronic college and career data bases to select the most appropriate postsecondary opportunities to match their selected career field, including registered apprenticeships.

- Georgia’s dual-credit programs have been combined into one program entitled Move on When Ready, in which high school students may earn their high school course credits while taking college courses.

**Possible Student Pathway Credentialing Opportunities:**

Students completing a pathway are eligible to take a Credentialing/End of Pathway Assessment (EOPA) upon successful completion of the three required courses in the pathway. For specific assessment information, refer to [http://www.gadoe.org/Curriculum-Instruction-and-Assessment/CTAE/Pages/CTAE-Georgia-Assessments.aspx](http://www.gadoe.org/Curriculum-Instruction-and-Assessment/CTAE/Pages/CTAE-Georgia-Assessments.aspx).

*Related Pathway Occupations:*

- Carpenters
- Construction Craft Laborers
- Construction Foremen
- Construction Inspectors
- Construction Managers
- Drywall Installers
- Floor Layers

**Other Related Architecture & Construction Occupations:*

- Construction Engineers
- Painters
- Paperhangers
- Project Inspectors
- Project Managers
- Roofers

**Architecture & Construction/Carpentry**

Construction is one of the nation’s largest industries with over 7 million wage and salary jobs and 1.9 million self-employed workers. Construction includes the building of new structures as well as additions and modifications to existing ones. The construction industry also includes maintenance, repair and improvements on these structures.

Carpenters construct and repair building frameworks and structures—such as stairways, doorframes, partitions, and rafters—made from wood and other materials. They also may install kitchen cabinets, siding, and drywall.

Because carpenters are involved in many types of construction, from building highways and bridges to installing kitchen cabinets, they may work both indoors and out. The work is sometimes strenuous.

Although most carpenters learn their trade through a formal apprenticeship, some learn on the job, starting as a helper.

Employment of carpenters is projected to grow 20 percent from 2010 to 2020, faster than the average for all occupations. Job prospects for carpenters should improve over the decade as construction activity rebounds from the recent recession.

Carpenters are one of the most versatile construction occupations, with workers usually doing a variety of tasks. For example, some carpenters insulate office buildings; others install drywall or kitchen cabinets in homes. Those who help construct large buildings or bridges often make the wooden concrete forms for cement footings or pillars. Some carpenters build braces and scaffolding for buildings.

Carpenters use many different hand and power tools to cut and shape wood, plastic, fiberglass, or drywall. They commonly use handtools, including squares, levels, and chisels, as well as many power tools, such as sanders, circular saws, and nail guns. Carpenters put materials together with nails, screws, staples, and adhesives, and do a final check of their work to ensure accuracy.

Richard Woods, Georgia’s School Superintendent

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