### Student Plan of Study – Fire & Emergency Services/Firefighting

**Name_________________ Date_________________ School_________________**

**Parent/Guardian Signature_________________ Date_________________ Advisor/Counselor Signature_________________**

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**Current Area of Interest:** Law, Public Safety, Corrections & Security/Fire & Emergency Services (Firefighting) - 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.

### Grade Level 9

<table>
<thead>
<tr>
<th>I. English/Language Arts</th>
<th>II. Math</th>
<th>III. Science</th>
<th>IV. Social Studies</th>
<th>V. Health/Personal Fitness</th>
<th>VII. Possible electives in additional pathways (students should check the local course description catalog for these and other electives)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total 4 credits</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 CCGPS Cord. Algebra 1 credit</td>
<td>1 credit</td>
<td>Biology or Approved Dual Enrollment Course 1 credit</td>
<td>American Government/Civics or AP Government/Politics US or Approved Dual Enrollment Course ½ credit</td>
<td>Health ½ credit</td>
<td>Advanced Academic Pathways: English/Language Arts, Math, Science, Social Studies</td>
</tr>
<tr>
<td>2 CCGPS Analytic Geometry 1 credit</td>
<td>1 credit</td>
<td>Physical Science or Physics or AP Physics or Approved Dual Enrollment Course 1 credit</td>
<td>World History or AP World History or Approved Dual Enrollment Course 1 credit</td>
<td>Personal Fitness ½ credit</td>
<td>English/Language Arts, Math, Science, Social Studies</td>
</tr>
<tr>
<td>3 CCGPS Accel Cord. Algebra/Analytic Geometry 1 credit</td>
<td>1 credit</td>
<td>World History or AP World History or Approved Dual Enrollment Course 1 credit</td>
<td><strong>III. CTAE Pathway</strong> Total 3 credits</td>
<td>Personal Fitness ½ credit</td>
<td>English/Language Arts, Math, Science, Social Studies</td>
</tr>
<tr>
<td>4 CCGPS Accel Analytic Geometry B/Adv. Algebra 1 credit</td>
<td>1 credit</td>
<td>World History or AP World History or Approved Dual Enrollment Course 1 credit</td>
<td>43.45000 Intro to Law, Public Safety, Corrections, &amp; Security or Approved Dual Enrollment Course 1 credit</td>
<td>Personal Fitness ½ credit</td>
<td>English/Language Arts, Math, Science, Social Studies</td>
</tr>
<tr>
<td>5 Credit Earned ✔</td>
<td>1 credit</td>
<td>World History or AP World History or Approved Dual Enrollment Course 1 credit</td>
<td>43.50000 Intro to Law, Public Safety, Corrections, &amp; Security or Approved Dual Enrollment Course 1 credit</td>
<td>Personal Fitness ½ credit</td>
<td>English/Language Arts, Math, Science, Social Studies</td>
</tr>
<tr>
<td>6 Credit Earned ✔</td>
<td>1 credit</td>
<td>World History or AP World History or Approved Dual Enrollment Course 1 credit</td>
<td>43.60000 Essentials of Fire and Emergency Services or Approved Dual Enrollment Course 1 credit</td>
<td>Personal Fitness ½ credit</td>
<td>English/Language Arts, Math, Science, Social Studies</td>
</tr>
</tbody>
</table>

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**Legend:**

- **Science:** Approved 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. Students 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.**

**NOTE:** Local systems may offer courses in a different sequence; not all local systems offer every pathway. Students should explore all credit possibilities including Georgia Virtual School Program, Dual Enrollment, Advanced Placement (AP), International Baccalaureate (IB) and Work-Based Learning (WBL) to reach their educational and career goals.
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>First line supervisors of firefighting and prevention workers</td>
<td>Bachelor’s Degree</td>
<td>$53,600</td>
<td>90</td>
</tr>
<tr>
<td>Fire Inspectors</td>
<td>Some College No Degree Required</td>
<td>$46,500</td>
<td>10</td>
</tr>
<tr>
<td>Firefighters</td>
<td>Some College No Degree Required</td>
<td>$35,500</td>
<td>440</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 and/or ***World Languages, and/or Fine Arts</td>
<td>3</td>
</tr>
<tr>
<td>III. *Science</td>
<td>4</td>
<td>VII. Electives</td>
<td>4</td>
</tr>
<tr>
<td>IV. Social Studies</td>
<td>3</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. Testing 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).
- Students who will continue their education in a Program of Study at one of Georgia’s Technical Colleges 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 an electronic college and career database to select the most appropriate postsecondary opportunities including registered apprenticeships to match their selected career field.
- 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

*Related Pathway Occupations:
Fire Prevention and Safety Technology/Technicians
Fire Protection, Other
Natural Resources Law
Enforcement and Protective Services
Firefighting and Investigation
Fire Prevention and Safety Technology/Technicians

Other Related Law, Public Safety, Corrections & Security Occupations:
Forest Fire Inspectors and Prevention Specialists
Life guards, Ski Patrol, and Other
Recreational Protective Service Workers
Private Detectives and Investigators

*ONET Online

Fire & Emergency Services - Firefighting

Law, Public Safety, Corrections and Security workers plan, manage and provide legal, public safety, protection services and homeland security including professional and technical support services. Occupations are numerous and represent multiple levels of education and skills. Occupations fall into major categories based on common knowledge and skills: correction services such as, public safety communications, correctional officers and jailers; public safety communications, law enforcement, and emergency and fire management services such as fire fighters, EMTs, and paramedics; security and protective services such as information security IT specialists; law enforcement such as criminal investigators, police officers, special agents; and legal services such as a court reporters or lawyers.

Workers in the Fire & Emergency area work in potentially risky situations protecting the public against fires and other dangers.

Every year, fires and other emergencies take thousands of lives and destroy property worth billions of dollars. Firefighters and emergency service workers help protect the public against these dangers by rapidly responding to a variety of emergencies. They are frequently the first emergency personnel at the scene of a traffic accident or medical emergency and may be called upon to put out a fire, treat injuries or perform other vital functions.

Firefighters control and extinguish fires or respond to emergency situations where life, property, or the environment is at risk. Duties may include fire prevention, emergency medical service, hazardous material response, search and rescue, and disaster assistance. The Georgia jobs for firefighters will increase by 9% between 2008 and 2018.