**Student Plan of Study – Fire & Emergency Services/Emergency Medical Responder**

**Name_______________________________________**

**Date_____________**

**Advisor/Counselor________________________________**

**Current Area of Interest:** Law, Public Safety, Corrections & Security (Fire and Emergency Services/Emergency Medical Responder) - 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>VII. Possible electives in additional pathways (students should check the local course description catalog for these and other electives) Total 4 credits</th>
</tr>
</thead>
</table>
| 9th         | 1 CCGPS Cord Algebra                   | 1 CCGPS Analytic Geometry | Biology or Approved Dual Enrollment Course | American Government/Civics or AP Government/Politics US or Approved Dual Enrollment Course | Health ½ credit | **Advanced Academic Pathways**
|             | 2 CCGPS Analytic Geometry              | 3 CCGPS Accel Cord. Algebra/Analytic Geometry | Physical Science or Physics or AP Physics or Approved Dual Enrollment Course | World History or AP World History or Approved Dual Enrollment Course | Personal Fitness ½ credit | English/Language Arts, Math, Science, Social Studies
|             | 4 CCGPS Accel Analytic Geometry BI/Adv. Algebra | 1 credit * | 1 credit * | Credit Earned | Credit Earned | 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. |
| 10th        | 1 CCGPS Analytic Geometry              | 2 CCGPS Adv Algebra     | Physical Science or Physics or AP Physics or Approved Dual Enrollment Course | World History or AP World History or Approved Dual Enrollment Course | 1 credit | **World Language Pathways**
|             | 3 CCGPS Accel Analytic Geometry BI/Adv. Algebra | 4 CCGPS Pre-Calculus   | 1 credit * | 1 credit * | Credit Earned | **Two credits are required for admissions to University System Institutions.** For a listing of world language courses offered at your high school, please check with your advisor, counselor, or local course description catalog. 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. |
|             | 4 CCGPS Cal or AP Cal                 | 1 credit * | 1 credit * | Credit Earned | Credit Earned | **Fine Arts/Performing Arts Pathways**
|             |                                        |                       | Chemistry or Environmental Science or Earth Systems or AP/IB or Approved Dual Enrollment Course | United States History or AP US History or IB History of the Americas or Approved Dual Enrollment Course | 1 credit | Visual Arts, Dance, Music, Journalism, Theatre
|             |                                        |                       | 1 credit | 1 credit | Credit Earned | 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. |
|             |                                        |                       | **VI. CTAE Pathway** Total 3 credits | 43.45000 Intro to Law, Public Safety, Corrections & Security or Dual Enrollment | 1 credit | **Legend:**
|             |                                        |                       | 1 credit | 1 credit | Credit Earned | *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. Student may take science courses in any sequence.
|             |                                        |                       | ½ credit | ½ credit | Credit Earned | "Math: Selected Math sequence 1, 2, 3, 4, based on 9th grade entry course.
|             |                                        |                       | ½ credit | ½ credit | Credit Earned | **Students must complete two credits of the same world language for admission to University System of Georgia institutions.
|             |                                        |                       | ½ credit | ½ credit | Credit Earned | "Students should complete a CTAE pathway and take the related end of pathway assessment.
|             |                                        |                       | ½ credit | ½ credit | Credit Earned | "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’s 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>Ambulance Drivers &amp; Attendants</td>
<td>High School</td>
<td>$22,800</td>
<td>20</td>
</tr>
<tr>
<td>Police, Fire, &amp; Ambulance Dispatchers</td>
<td>High School</td>
<td>$28,800</td>
<td>140</td>
</tr>
<tr>
<td>Emergency Medical Technicians &amp; Paramedics</td>
<td>Associate’s Degree</td>
<td>$29,500</td>
<td>190</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.

*Related Pathway Occupations:
Emergency Medical Technicians & Paramedics
Police, Fire, & Ambulance Dispatchers
Medical Equipment Preparers
Ambulance Drivers & Attendants, except EMTs

Other Related: Fire Safety, Occupations:
Fire Inspectors
Fire Protection Engineer
Forest Officer
Forest Ranger
Fire Marshal
Arson Investigator

*ONET Online

### 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. <strong>Career, Technical &amp; Agricultural Education</strong></td>
<td>3</td>
</tr>
<tr>
<td>III. <em>Science</em></td>
<td>4</td>
<td>and/or *<strong>World Languages, and/or Fine Arts</strong></td>
<td>4</td>
</tr>
<tr>
<td>IV. Social Studies</td>
<td>3</td>
<td>VII. Electives</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 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](http://www.gadoe.org/Curriculum-Instruction-and-Assessment/CTAE/Pages/CTAE-Georgia-Assessments.aspx)

Fire & Emergency/Emergency Medical Responder

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 correctional officers and jailers; emergency and fire management services such as fire fighters, EMTs, paramedics, and public safety communications; 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.

The primary focus of the Emergency Medical Responder is to initiate lifesaving care to critical patients who access the emergency medical system. This individual possesses the basic knowledge and skills necessary to provide lifesaving interventions while awaiting additional Emergency Medical Services (EMS) response and to assist higher level personnel at the scene and during transport. Emergency Medical Responders function as part of a comprehensive EMS response, under medical oversight. Emergency Medical Responders perform basic interventions with minimal equipment.

Emergency Medical Service includes Emergency Medical Technicians (EMTs) and Paramedics that care for the sick or injured in emergency medical settings. EMTs and paramedics respond to emergency calls, performing medical services and transporting patients to medical facilities. They work both indoors and outdoors, in all types of weather. Their work is physically strenuous and can be stressful, sometimes involving life-or-death situations and patients who are suffering. All EMTs and paramedics must complete a formal training program. All states require EMTs and paramedics to be licensed; requirements vary by state. Employment of EMTs and paramedics is expected to grow by 33 percent from 2010 to 2020, much faster than the average for all occupations.