

Program of Study: Therapeutic Services - Emergency Medical Responder



This Program of Study may serve as a graduation guide for the next four plus years, along with other career planning and educational materials. Courses listed in this model may include recommended coursework and should be individualized to students' educational and career goals. Each graduation plan needs to meet minimum high school graduation requirements. Dual Enrollment courses can be high school academic and/or career technical education courses.

Secondary: Therapeutic Services - Emergency Medical Responder					Postsecondary		
Course/Grade	Ninth	Tenth	Eleventh	Twelfth	TCC	Diploma or AAS	Bachelor of Science
English	9 th grade Lit/Composition	10 th grade Lit/Composition	American Lit/Composition	World Lit/Composition / British Lit	Entrance or Exit Point	EB71 TCC Emergency Medical Responder - ALHS 1011: Structure and Function of the Human Body - EMSP 1010: Emergency Medical Responder - ALHS 1090: Medical Terminology	Entrance or Exit Point
Mathematics	Coordinate Algebra / Algebra I	Analytic Geometry / Geometry	Advanced Algebra / Algebra II	Pre-calculus			
Science	Physical Science	Biology	Chemistry	Physics			
Social Studies	Psychology	World History	US History	Government (½ unit) Economics (½ unit)			
Pathway Completer	Introduction to Healthcare Science **	Essentials of Healthcare	Emergency Medical Responder	Work-Based Learning, Youth Apprenticeship, or Capstone Project			
Industry Recognized Credential (Pathway Completer)		Visit the End of Pathway Assessment Page (see note below)					
Required/ Selective Electives	Health & Personal Fitness (can be taken in grades 9-12)	Latin I	Latin II	AP Biology			
	Modern Language/Latin 2 units required for admissions to Georgia University System Colleges/Universities For a listing of Modern Language/Latin courses offered at your high school, please contact your advisor, counselor, or curriculum handbook.		Other Electives For a listing of other elective courses offered at your high school, please check with your advisor, counselor, or curriculum handbook.				

NOTE: Students have many options to **ENTER** and **EXIT** from their academic studies into the workforce. When a student graduates from high school, they are eligible to choose one of many **ENTRANCE POINT** options: **1.** Enroll in either a 2 or 4 year post-secondary program; **2.** Enroll in an apprenticeship program or the military; or **3.** Enter the workforce using technical skills learned in high school. When a student finishes a 2- or 4-year degree program, they may choose to **EXIT** and **1.** Enroll in an apprenticeship program or the military; **2.** Enroll in a professional university degree program; or **3.** Enter the workforce using technical skills learned.

Therapeutic Services - Emergency Medical Responder Career Pathway - Industry Credentialing for High School Students

Upon completion of sequenced courses in the Therapeutic Services – Emergency Medical Responder Career Pathway, students are eligible to complete the Industry-Recognized student credential for fulfillment of the End of Pathway Assessment. Secondary students completing the Emergency Medical Responder pathway will be able to sit for the National Industry Credentialed assessment offered on-line from FEMA, NCHSE, and NREMT. Once mastery is reached, students will receive recognition for completion and use this credential in conjunction with their job or continuing training. For specific assessment information, refer to: <http://bit.ly/GAHealthScience>

** = Statewide Articulation

Sample High Demand Careers in Georgia

Occupation Specialties	Level of Education Needed	Georgia Average Salary	Annual Average Openings in Georgia	2014 – 2024 Employment Outlook
Ambulance Drivers & Attendants	High School Diploma	\$25,575	29	High Demand
Police, Fire, & Ambulance Dispatchers	High School Diploma	\$30,714	87	High Demand
Emergency Medical Technicians & Paramedics	Postsecondary Certificate	\$33,534	4	High Demand, High Skill

GDOL Labor Market Explorer

Go to GAfutures at www.gafutures.org for more information about your education and career planning, including valuable financial information (grants and scholarships including HOPE Program, grants and loans, FAFSA, and CSS forms).

Career Enhancement Opportunities	Career-Related Education Activities	Postsecondary Options:	Earning Postsecondary Credits While in High School
	<input type="checkbox"/> Career Awareness <input type="checkbox"/> Career Exploration <input type="checkbox"/> Instructional Related <input type="checkbox"/> Connecting <input type="checkbox"/> Work-Based Learning <ul style="list-style-type: none"> • Employability Skill Dev. • Cooperative Education • Internship • Youth Apprenticeship • Clinicals 	<ul style="list-style-type: none"> • 4-Year Universities/Colleges • 2-Year Colleges • Technical Colleges • State Registered Apprenticeships • Special Purpose Schools • On-the-Job Training • Military 	<p>A vital way to get ahead and realize you can pass college courses is by earning postsecondary credits as a high school student. Georgia offers a dual credit program titled Dual Enrollment. You need to talk with your parents, school counselor, or advisor about the proper courses to take each year in high school and dual credit.</p> <p>Students completing the course work in this Plan, will have earned/completed an Industry Credential, Technical Certificate of Credit (TCC), Associates of Applied Science Degree, and/or Bachelor's Degree.</p>

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. (https://www.usg.edu/assets/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 complete a placement exam.
- Students who will continue their education and training in the US Military should take the ASVAB assessment.
- Students should utilize electronic college and career databases 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 Dual Enrollment, in which high school students may earn their high school course credits while taking college courses.

Related Pathway Occupations	Other Related Occupations
<ul style="list-style-type: none"> • Emergency Medical Technicians & Paramedics • Police, Fire, & Ambulance Dispatchers • Medical Equipment Preparers • Ambulance Drivers & Attendants, except EMTs 	<ul style="list-style-type: none"> • Registered Nurses • Radiologic Technicians • Respiratory Therapists • Medical & Health Services Managers <p style="text-align: right;">*ONET Online</p>

Emergency Medical Responder Pathway Description

Students that successfully complete the Essentials of Healthcare course will also earn credit for the Science course Anatomy/Physiology as an embedded credit. The grade earned in Essentials will be the same grade for Anatomy/Physiology.

Occupations in the Health Sciences represent the largest and fastest growing industry in the United States, employing over 10 million workers in more than 200 careers.

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 Responders include Emergency Medical Technicians (EMTs) and paramedics that care for the sick or injured in emergency medical settings. EMTs and paramedics respond to emergency calls, perform medical services and transport patients to medical facilities. Work is performed both indoors and outdoors and in all types of weather. The 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, but 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.