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.

<table>
<thead>
<tr>
<th>Course/Grade</th>
<th>Ninth</th>
<th>Tenth</th>
<th>Eleventh</th>
<th>Twelfth</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>English</strong></td>
<td>9th grade Lit/Composition</td>
<td>10th grade Lit/Composition</td>
<td>American Lit/Composition</td>
<td>World Lit/Composition / British Lit</td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td>Coordinate Algebra / Algebra I</td>
<td>Analytic Geometry / Geometry</td>
<td>Advanced Algebra / Algebra II</td>
<td>Pre-calculus</td>
</tr>
<tr>
<td><strong>Science</strong></td>
<td>Physical Science</td>
<td>Biology</td>
<td>Chemistry</td>
<td>Physics</td>
</tr>
<tr>
<td><strong>Social Studies</strong></td>
<td>Psychology</td>
<td>World History</td>
<td>US History</td>
<td>Government (½ unit) Economics (½ unit)</td>
</tr>
<tr>
<td><strong>Pathway Completer</strong></td>
<td>Introduction to Healthcare Science **</td>
<td>Essentials of Healthcare</td>
<td>Patient Care Fundamentals</td>
<td>Work-Based Learning, Youth Apprenticeship, or Capstone Project</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Industry Recognized Credential (Pathway Completer)</th>
<th>Visit the End of Pathway Assessment Page (see note below)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Required/Selective Electives</strong></td>
<td>Health &amp; Personal Fitness (can be taken in grades 9-12)</td>
</tr>
<tr>
<td>Modern Language/Latin</td>
<td>2 units required for admissions to Georgia University System Colleges/Universities</td>
</tr>
<tr>
<td>Other Electives</td>
<td>For a listing of other elective courses offered at your high school, please check with your advisor, counselor, or curriculum handbook.</td>
</tr>
</tbody>
</table>

**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 – Patient Care Career Pathway - Industry Credentialing for High School Students**

Upon completion of sequenced courses in the Therapeutic Services – Patient Care Career Pathway, students are eligible to complete the Industry-Recognized student credential for fulfillment of the End of Pathway Assessment. Secondary students completing the Patient Care pathway will be able to sit for the National Industry Credentialed assessment offered on-line from NACES, NCCT, NCHSE, and NHA. 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](http://bit.ly/GAHealthScience)

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### Sample High Demand Careers in Georgia

<table>
<thead>
<tr>
<th>Occupation Specialties</th>
<th>Level of Education Needed</th>
<th>Georgia Average Salary</th>
<th>Annual Average Openings in Georgia</th>
<th>2014 – 2024 Employment Outlook</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certified Nursing Assistant</td>
<td>High School Diploma, some postsecondary coursework</td>
<td>$23,097</td>
<td>1,534</td>
<td>High Demand</td>
</tr>
<tr>
<td>Registered Nurse</td>
<td>Associate’s Degree</td>
<td>$64,111</td>
<td>2,982</td>
<td>High Demand, High Skill</td>
</tr>
<tr>
<td>Medical &amp; Health Services Managers</td>
<td>Bachelor’s Degree</td>
<td>$104,956</td>
<td>320</td>
<td>High Demand, High Skill</td>
</tr>
<tr>
<td>Healthcare Social Workers</td>
<td>Advanced Degree</td>
<td>$48,640</td>
<td>192</td>
<td>High Demand, High Skill</td>
</tr>
</tbody>
</table>

### 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](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
- Certified Nursing Assistants (CNA)
- Licensed Practical Nurses (LPN)
- Registered Nurses (RN)
- Athletic Trainers
- Home Health Aides
- Anesthesiologist Assistants

### Other Related Occupations
- Medical Assistants
- Occupational Therapist / Assistants
- Physical Therapist / Assistants
- Physician’s Assistants
- Recreation Therapists
- Respiratory Therapists
- Surgical Technicians

*ONET Online

### Earning Postsecondary Credits While in High School
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.

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.

### Career-Related Education Activities
- Career Awareness
- Career Exploration
- Instructional Related
- Connecting
- Work-Based Learning
  - Employability Skill Dev.
  - Cooperative Education
  - Internship
  - Youth Apprenticeship
  - Clinicals

### Postsecondary Options:
- 4-Year Universities/Colleges
- 2-Year Colleges
- Technical Colleges
- State Registered Apprenticeships
- Special Purpose Schools
- On-the-Job Training
- Military

### Patient Care 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.

Careers in the Therapeutic Services pathway are focused primarily on changing the health status of the patient over time. Health professionals in this pathway work directly with patients and may provide care, treatment, counseling and health education information. National labor market information indicates that eight out of the top twenty fastest-growing occupations are in the Health Science industry. (OHO)

Based on an aging population and a retiring workforce, the demand for health care workers will remain high through 2020. As roles of careers in Therapeutic Services change, professionals in this pathway will find increased opportunities to work independently. Additionally, an increasing number of career opportunities are becoming available outside of the traditional hospital setting.

Educational levels vary from occupation to occupation. Most Health Science occupations require additional education after high school and require that potential employees acquire the appropriate certification and/or licensing. Workers in the Health Science industry must have a solid background in math, science, communications, and technical skills, be knowledgeable in their subject area, have the ability to communicate with others, and inspire trust and confidence.

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. Those considering a nursing career should have a strong desire to help others, a genuine concern for the welfare of patients and clients, and an ability to deal with people of diverse backgrounds in stressful situations.

Rapid job growth is expected in hospital outpatient facilities, such as same day surgery, rehabilitations, and chemotherapy. Growth is also expected in nursing care facilities and in-home health care. RNs with a bachelor’s degree will have better job prospects in supervisory and managerial positions than those with either an associate’s degree or a diploma. The pay scale will increase as students specialize to nurse practitioner, nurse anesthetist and clinical nurse specialist.