Student Plan of Study – Therapeutic Services (Patient Care)

Name____________________________ Date____________ School________________________________

Parent/Guardian Signature____________________________ Date____________ Advisor/Counselor Signature____________________________ Date____________

Current Area of Interest: Health Science/Therapeutic Services (Nursing) - 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 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</th>
<th>II. Math</th>
<th>III. Science</th>
<th>IV. Social Studies</th>
<th>V. Health/Personal Fitness</th>
<th>VIII. Possible electives in additional pathways (students should check the local course description catalog for these and other electives)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th</td>
<td>1 credit</td>
<td>1 credit</td>
<td>1 credit</td>
<td>1 credit</td>
<td>1 credit</td>
<td>Total 4 credits</td>
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<td>Total credits</td>
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<tr>
<td>10th</td>
<td>1 credit</td>
<td>1 credit</td>
<td>1 credit</td>
<td>1 credit</td>
<td>1 credit</td>
<td>Total 4 credits</td>
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<tr>
<td>Total credits</td>
<td>1 credit</td>
<td>1 credit</td>
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<td>1 credit</td>
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</tr>
<tr>
<td>11th</td>
<td>1 credit</td>
<td>1 credit</td>
<td>1 credit</td>
<td>1 credit</td>
<td>1 credit</td>
<td>Total 4 credits</td>
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<tr>
<td>Total credits</td>
<td>1 credit</td>
<td>1 credit</td>
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<tr>
<td>12th</td>
<td>1 credit</td>
<td>1 credit</td>
<td>1 credit</td>
<td>1 credit</td>
<td>1 credit</td>
<td>Total 4 credits</td>
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<tr>
<td>Total credits</td>
<td>1 credit</td>
<td>1 credit</td>
<td>1 credit</td>
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</tr>
</tbody>
</table>

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. 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 2 years (2 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.

Other English Elective Courses:
- Literary Types/Composition
- Journalism
- Oral/Written Communication Speech

Other Math Elective Courses:
- Adv Math Decision Making
- Math of Industry & Govern
- Math of Finance

Other Science Elective Courses:
- Microbiology
- Biochemistry
- Organic Chemistry
- Sci Research III or IV

Other Social Studies Elective Courses:
- Humanities
- Current Issues
- Psychology
- Sociology

Other CTAE Elective Courses:
- AP and Georgia Virtual School may be available for CTAE courses

Advanced Placement (AP), International Baccalaureate (IB) and Work-Based Learning (WBL) to reach their educational and career goals.

Richard Woods, Georgia’s School Superintendent
"Educating Georgia’s Future"
### SAMPLE Pathway OCCUPATIONS

See [*Georgia’s HOT Careers to 2020*](http://www.GAcollege411.org) 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><em>Registered Nurses</em></td>
<td>Associate’s Degree</td>
<td>$63,200</td>
<td>3,300</td>
</tr>
<tr>
<td><em>Medical and Health Services Managers</em></td>
<td>Bachelor’s Degree</td>
<td>$87,000</td>
<td>510</td>
</tr>
<tr>
<td><em>Healthcare Social Workers</em></td>
<td>Advanced Degree</td>
<td>$46,800</td>
<td>220</td>
</tr>
</tbody>
</table>

Source: Georgia Department of Labor/ONET

Go to GAcollege411 at [http://www.GAcollege411.org](http://www.GAcollege411.org) for more information about your education and career planning, including valuable financial aid information that includes grants and scholarships.

**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>4</td>
</tr>
<tr>
<td>IV. Social Studies</td>
<td>3</td>
<td>VII. Electives</td>
<td>4</td>
</tr>
<tr>
<td>TOTAL</td>
<td>23</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

**Students must complete 3 credits to complete CTAE pathway and take the end of pathway assessment.**

***Students must complete 2 years 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 University System of Georgia institutions should prepare to take the ACT or SAT for admissions. Admission’s testing varies from institution to institution. Students should contact the selected institution for specific testing information. Additional admissions information can be found at [Staying On Course.](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 U.S. Military should take the ASVAB assessment.

- Students should utilize [GAcollege411](http://www.GAcollege411.org) to select the most appropriate postsecondary opportunities to match their selected career field, including state 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:

- Certified Nursing Assistant (CNA)
- National Healthcare Association-Certified Patient Care Technician (NHA-CPCT)-Students may sit for this exam if they take an additional 4th course, 25.S2600 Allied Health & Medicine
- American Red Cross CPR and First Aid Certification

### Other Related Health Science Occupations:

- Medical Assistant
- Occupational Therapist / Assistants
- Physical Therapist / Assistants
- Physician’s Assistants
- Recreation Therapists
- Respiratory Therapists
- Surgical Technicians

*ONET Online

### Therapeutic Services/Patient Care

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. ([OOH](http://www.bls.gov/oes/current/oes0120.htm?ys=2012-020))

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.