

Health Care Science (HS21)

Certificate eMap

This eMap, along with regular meetings with your program advisor and using DegreeWorks, will help you remain on track to finish your program as quickly as possible and graduate from Georgia Northwestern Technical College. This eMap is intended to be used when beginning the program in Fall semester. Starting the program in Spring or Summer semesters may alter the suggested courses or course availability. This eMap is based on the 2024-2025 academic year.



GENERAL EDUCATION CORE AND CORE SCIENCES (20 Credit Hours)

1 st set of suggested courses			
Course		Hours	Completed
ENGL 1101	Composition and Rhetoric	3	<input type="checkbox"/>
PSYC 1101	Introductory Psychology	3	<input type="checkbox"/>
BIOL 2113	Anatomy and Physiology*	3	<input type="checkbox"/>
BIOL 2113L	Anatomy and Physiology Lab I*	1	<input type="checkbox"/>

*Not required for Phlebotomy track.

2 nd set of suggested courses			
Course		Hours	Completed
XXXX xxxx	Humanities/ Fine Arts Elective	3	<input type="checkbox"/>
MATH xxxx	See Program Specific Requirements	3	<input type="checkbox"/>
BIOL 2114	Anatomy and Physiology II*	3	<input type="checkbox"/>
BIOL 2114L	Anatomy and Physiology Lab II *	1	<input type="checkbox"/>

*Not required for Phlebotomy track.

Total Credit Hours: 25-36 Minimum Credit Hours Required for Graduation
(includes healthcare track credit hours, see page 2)

Health Care Assistant Certificate Planning Notes:

- Some courses for this Certificate may only be offered at the Floyd County Campus and Walker County Campus. Schedules for each campus may vary.
- In addition to the General Education Core and General Core Sciences, students must also complete ONE healthcare track following 2nd set of suggested courses.

Additional information for the Health Care Science Certificate and program requirements can be found at [GNTC 2024-2025 Catalog](#).

HEALTHCARE TRACKS (5-21 Credit Hours)

Please note: Students must also complete ONE of the following healthcare tracks to complete the Health Care Science Certificate.

Certified Nursing Assistant (10 Credit Hours)			
Course		Hours	Completed
ALHS 1090	Medical Terminology for Allied Health Sciences	2	<input type="checkbox"/>
ALHS 1060	Diet and Nutrition for Allied Health Sciences	2	<input type="checkbox"/>
NAST 1100	Nurse Aide Fundamentals	6	<input type="checkbox"/>

Mammography (14 Credit Hours)			
Course		Hours	Completed
ALHS 1090	Medical Terminology for Allied Health Sciences	2	<input type="checkbox"/>
RADT 2520	Mammography Anatomy, Physics and Positioning	6	<input type="checkbox"/>
RADT 2530	Clinical Mammography	6	<input type="checkbox"/>

This specialty is offered at FCC only. This specialty track is open to anyone who is registered with the ARRT as a radiographer (RT)R. Mammography Specialty maintains a wait list application to be considered for the program; contact Program Advisor for more info.

Phlebotomy (21 Credit Hours)			
Course		Hours	Completed
ALHS 1011	Structure and Function of the Human Body	5	<input type="checkbox"/>
ALHS 1090	Medical Terminology for Allied Health Sciences	2	<input type="checkbox"/>
ALHS 1040	Introduction to Health Care	3	<input type="checkbox"/>
COMP 1000	Introduction to Computer Literacy	3	<input type="checkbox"/>
PHLT 1030	Introduction to Venipuncture	3	<input type="checkbox"/>
PHLT 1050	Clinical Practice	5	<input type="checkbox"/>

Phlebotomy Specialty maintains a wait list application to be considered for the program; contact Program Advisor for more info.

Healthcare tracks continued on page 2.

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HEALTHCARE TRACKS CONTINUED

Please note: Healthcare tracks on page 2 & 3 are part of competitive admissions programs requiring a Program Eligibility Application and PSB Entrance Exam scores.

Pre-Adult Echocardiography (7 Credit Hours)			
Course		Hours	Completed
MATH 1127	Introduction to Statistics	3	<input type="checkbox"/>
PHYS 1110	Conceptual Physics	3	<input type="checkbox"/>
PHYS 1110L	Conceptual Physics Lab	1	<input type="checkbox"/>

Pre-Associate Degree Nursing (10 Credit Hours)			
Course		Hours	Completed
BIOL 2117	Introductory Microbiology	3	<input type="checkbox"/>
BIOL 2117L	Introductory Microbiology Lab	1	<input type="checkbox"/>
PSYC 2103	Human Development	3	<input type="checkbox"/>
SPCH 1101	Public Speaking	3	<input type="checkbox"/>

Pre-Diagnostic Medical Sonography (7 Credit Hours)			
Course		Hours	Completed
MATH 1127	Introduction to Statistics	3	<input type="checkbox"/>
PHYS 1110	Conceptual Physics	3	<input type="checkbox"/>
PHYS 1110L	Conceptual Physics Lab	1	<input type="checkbox"/>

Pre-Health Information Management Technology (16 Credit Hours)			
Course		Hours	Completed
MAST 1120	Human Diseases	3	<input type="checkbox"/>
XXXX xxxx	Program Specific General Education Elective	3	<input type="checkbox"/>
HIMT 1100	Introduction to Health Information Technology	3	<input type="checkbox"/>
HIMT 1250	Health Record Content and Structure	2	<input type="checkbox"/>
ALHS 1090 OR BUSN 2300	Medical Terminology for Allied Health Sciences OR Medical Terminology	2	<input type="checkbox"/>

Pre-Medical Assisting (8 Credit Hours)			
Course		Hours	Completed
XXXX xxxx	General Education Core Elective	3	<input type="checkbox"/>
ALHS 1090	Medical Terminology for Allied Health Sciences	2	<input type="checkbox"/>
COMP 1000	Introduction to Computer Literacy	3	<input type="checkbox"/>

Pre-Nursing LPN to AND Transition Program (10 Credit Hours)			
Course		Hours	Completed
BIOL 2117	Introductory Microbiology	3	<input type="checkbox"/>
BIOL 2117L	Introductory Microbiology Lab	1	<input type="checkbox"/>
PSYC 2103	Human Development	3	<input type="checkbox"/>
SPCH 1101	Public Speaking	3	<input type="checkbox"/>

Healthcare tracks continued on page 3.

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HEALTHCARE TRACKS CONTINUED

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Pre-Paramedicine (6 Credit Hours)			
Course		Hours	Completed
XXXX xxxx	General Education Core Elective	3	<input type="checkbox"/>
EMSP 1510	Advanced Concepts for the AEMT	3	<input type="checkbox"/>

Pre-Radiologic Technology (5 Credit Hours)			
Course		Hours	Completed
XXXX xxxx	General Education Core Elective	3	<input type="checkbox"/>
ALHS 1090	Medical Terminology for Allied Health Sciences	2	<input type="checkbox"/>

Pre-Respiratory Care (8 Credit Hours)			
Course		Hours	Completed
BIOL 2117	Introductory Microbiology	3	<input type="checkbox"/>
BIOL 2117L	Introductory Microbiology Lab	1	<input type="checkbox"/>
CHEM 1211	Chemistry I	3	<input type="checkbox"/>
CHEM 1211L	Chemistry Lab I	1	<input type="checkbox"/>

Pre-Surgical Technology (10 Credit Hours)			
Course		Hours	Completed
BIOL 2117	Introductory Microbiology	3	<input type="checkbox"/>
BIOL 2117L	Introductory Microbiology Lab	1	<input type="checkbox"/>
XXXX xxxx	General Education Core Elective	3	<input type="checkbox"/>
ALHS 1090	Medical Terminology for Allied Health Sciences	2	<input type="checkbox"/>

Pre-Vascular (7 Credit Hours)			
Course		Hours	Completed
MATH 1127	Introduction to Statistics	3	<input type="checkbox"/>
PHYS 1110	Conceptual Physics	3	<input type="checkbox"/>
PHYS 1110L	Conceptual Physics Lab	1	<input type="checkbox"/>