

# High School to College and Career Pathway: Secondary

Career and Technical Education: Preparing Students for College and Career!



## Area of Study: Health Science Education

### Pathway: Therapeutic Services – Nursing

**Get the Facts**  
In the U.S., registered nurses (RNs) hold 2.6 million jobs, making registered nursing the largest health care occupation. About 6 out of 10 RN jobs are in hospitals, in inpatient and outpatient departments.

Nationwide, 5.8 percent of people employed as a registered nurse are men.

**Workforce Trends**  
Health care is the largest and fastest-growing industry in the United States, employing over 10 million workers in more than 200 careers.

**CAREER AND TECHNICAL EDUCATION  
Recommended Pathway Courses**

(Students may select individual courses for exploration, or a complete Pathway for an in-depth focus.)

**CLASS AVAILABILITY MAY VARY AT YOUR HIGH SCHOOL**

Course #	Foundation Courses: (required)	Credit
51.0799	Medical Terminology	.50
51.1614	Nurse Assistant	.50
	<b>Elective Courses:</b>	
51.0001	Health Science, Introduction	.50
51.0810	Emergency Medical Services, Introduction	.50
20.0108	Food & Nutrition I	.50
20.0118	Food & Nutrition II	.50
20.0138	Foundations of Nutrition	.50
51.1199	Health Science, Advanced (capstone course)	1.00
20.0112	Human Development	1.00
51.1399	Medical Anatomy & Physiology	1.00
51.9999	Medical Math	.50
32.0199	Student Internship (Critical Workplace Skills)	.50

Visit [UtahCTE.org](http://UtahCTE.org) to learn how to earn industry certification in this Pathway.

**Nursing is:**

- > High skill
- > High demand
- > Nontraditional for males

**Sample Career Occupations**

- > Advanced Practice Nurse (APN)
- > Certified Nurse Assistant (CNA)
- > Certified Nurse Midwife (CNM)
- > Certified Registered Nurse Anesthetist (CRNA)
- > Health Science Education Teacher
- > Licensed Practical Nurse (LPN)
- > Medical Assistant
- > Registered Nurse (RN)

1.00 credit  
2.00 credits  
3.00 credits for completion

Middle School		State Requirements		High School Suggested Education Plan				College and Career
7th Grade	8th Grade	Middle School	High School	9th Grade Suggested	10th Grade Suggested	11th Grade Suggested	12th Grade Suggested	Beyond High School
Language Arts 7 1.00	Language Arts 8 1.00	2.00	Language Arts 4.00	Language Arts 9 1.00	Language Arts 10 1.00	Language Arts 11 1.00	Language Arts 12 1.00	<p>There are a number of options for education and training beyond high school, depending on your career goals.</p> <ul style="list-style-type: none"> <li>&gt; Certificate</li> <li>&gt; Associate degree</li> <li>&gt; Bachelor's degree</li> <li>&gt; Professional degree</li> <li>&gt; On-the-job training</li> <li>&gt; Apprenticeship</li> <li>&gt; Military training</li> </ul> <p>For more information on salary projections, labor market demand, and training options, visit <a href="http://www.utahfutures.org">www.utahfutures.org</a>.</p>
Math * 1.00	Math * 1.00	2.00	Math 3.00	Math * 1.00	Math * 1.00	Math * 1.00	Medical Math .50	
Science .50	Science 1.00	1.50	Science 3.00	Earth Systems 1.00	Biology or Human Biology 1.00	Chemistry 1.00		
Utah Studies .50	U.S. History I 1.00	1.50	Social Studies 3.00	Geography for Life .50	World Civilizations .50	U.S. History II 1.00	U.S. Government and Citizenship .50	
P.E. 1.00	Health .50	1.50	P.E./Health 2.00	Participation Skills and Techniques .50	Fitness for Life .50 / Health Education .50 Lifetime Activities or Sport .50			
The Arts .50	The Arts .50	1.00	Fine Arts 1.50	Fine Arts Courses 1.50				
Keyboarding .50			Computer Tech. .50	Computer Technology .50				
CTE Intro 1.00		1.00	CTE 1.00	Refer to Career and Technical Education box above.				

\* Talk to your school counselor about math requirements in the new common core curriculum. Core curriculum and elective requirements may vary district to district.

Concurrent enrollment course offerings vary by school and district. Many Utah postsecondary programs accept high school courses toward a two- or four-year degree through concurrent enrollment. Check regional postsecondary Pathways for details.