# High School to College and Career Pathway: Secondary

Area of Study: Health Science Education

## Pathway: Therapeutic Services
## Surgical Technician

| Middle School | | State Requirements | | | High School Suggested Education Plan | | | |
|---|---|---|---|---|---|---|---|---|
| 7th Grade → | 8th Grade → | Middle School | | High School | 9th Grade Suggested → | 10th Grade Suggested → | 11th Grade Suggested → | 12th Grade Suggested → |
| 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 |
| Pre-Algebra 1.00 | Elem. Algebra or Applied Math 1.00 | 2.00 | Math | 3.00 | Geometry or Applied Math II 1.00 | Intermediate Algebra 1.00 | Pre-calculus 1.00 | |
| Science .50 | Science 1.00 | 1.50 | Science | 3.00 | Biology or Human Biology 1.00 | Chemistry 1.00 | Medical Anatomy and Physiology 1.00 | |
| Utah Studies .50 | U.S. History I 1.00 | 1.50 | Social Studies | 2.50 | 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 .5 | The Arts .50 | 1.00 | Fine Arts | 1.50 | Fine Arts Courses 1.50 | | | |
| | | | Financial Literacy | .50 | | | Financial Literacy .50 | |
| Keyboarding .50 | | | Computer Tech. | .50 | Computer Technology .50 | | | |
| CTE Intro 1.00 | | 1.00 | Career and Technical Education | 1.00 | | | | |

### *Workforce Trends*

Demand for surgical technicians will rise as the population ages and as new technologies allow for more and varied surgeries. Hospitals will remain the primary employer, but physician offices and clinics, including ambulatory surgical centers, will provide most new jobs.

### *Get the Facts*

Surgical technicians are commonly referred to as "scrubs." More than three-fourths of scrubs work in a hospital setting, with the exception of private scrubs who are employed directly by surgeons for special teams – like transplant work.

Core Curriculum and elective requirements may vary district to district. Check with your school counselor.

Concurrent enrollment course offerings vary by school and district.

### 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 | |
|---|---|---|---|
| 51.0909 | Surgical Technician | 2.00 | 2.00 credits |
| | **Elective Courses:** | | |
| 51.0001 | Health Science, Introduction * | .50 | 1.00 credit |
| 51.1399 | Medical Anatomy & Physiology | 1.00 | |
| 51.0799 | Medical Terminology | .50 | |
| 51.9999 | Medical Math | .50 | |
| 51.1199 | Health Science, Advanced (capstone course) | 1.00 | |
| 32.0199 | Student Internship (Critical Workplace Skills) | .50 | |

3.00 credits for completion

* It is preferred that this course be taken prior to any foundation course.

Many Utah post-secondary programs accept high school courses toward a two- or four-year degree through concurrent enrollment.
Check regional post-secondary Pathways for details.

## College & Careers

### Beyond High School

There are a number of options for education and training beyond high school, depending on your career goals.

> Certificate
> Associate degree
> Bachelor's degree
> Professional degree
> On-the-job training
> Apprenticeship
> Military training

**Surgical Technician is:**
> High skill
> High demand
> Nontraditional for males

### Sample Occupation

> Health Science Education Teacher
> Surgical Technician

For more information on salary projections, labor market demand, and training options, visit www.utahfutures.org.

***Note:*** *For more information, talk to your school counselor.*

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