

# Healthcare Professions Pathway



The Healthcare Professions Pathway is a great program for students interested in helping people in various healthcare and medical settings. **Students who complete 2 credits in this pathway will meet state ELA and Math testing requirements, and...**

- Obtain First/Aid and CPR Certification.
- Gain understanding of Human Anatomy and Physiology.
- Explore a wide variety of career opportunities available within the medical profession.
- Earn college credits which can be applied directly into partner college programs.
- Meet 3<sup>rd</sup> Year Science requirements through their Pathway courses.

## This CTE Pathway is a great fit for students who...

- ✓ Enjoy helping and working with people.
- ✓ Are good listeners and relate well to others.
- ✓ Enjoy learning about science as it relates to improving the lives of others.
- ✓ Are interested in careers and continued training in various healthcare fields.

Start Your Pathway with 2 or more credits of Pathway courses

Then, After You Have Finished High School...

Finally, Begin Your Career!

Sample Plan for Career and College Readiness in this Pathway	
<b>Grade 9</b>	
English	
Math	
Science	
World History 9	Health
PE	Art
Elective	Elective
<b>Grade 10</b>	
English	
Math	
Social Studies	
Science	
PE	Art
Elective	Elective
<b>Grade 11</b>	
English	
Math	
US History	
Science	
<b>Healthcare Professions</b>	
<b>Healthcare Professions</b>	
<b>Grade 12</b>	
English	
Sr. Social Studies	
Personal Finance	PE
Elective	Elective
Elective	Elective
<b>Biotechnology</b>	

### Apply college credits earned in this Pathway directly into these partner college programs:

#### Edmonds Community College

- All Allied Health Education Certificate and Degree programs

#### Shoreline Community College

- Biotechnology Lab Specialist Certificate and Degree programs

### Continue your training in another college program such as:

#### Shoreline Community College

- Nursing AAST

#### University of Washington

- Bioengineering
- Nursing
- Health Science

#### Washington State University

- Bioengineering
- Nursing
- Veterinary Medicine

### Jobs you can get with 2-Years Post-High School Training:

Biotechnology Lab Specialist  
 Certified Nursing Assistant  
 EMT/Paramedic  
 Pharmacy Technician  
 Phlebotomy Technician  
 Radiologic Technician  
 Respiratory Therapist

### Jobs you can get with 4 or more Years Post-High School Training:

Nurse Practitioner  
 Physician  
 Registered Nurse  
 Veterinarian

For more information on these and other occupations related to this pathway, visit

<http://careerbridge.wa.gov/>



# Pathway Courses and Descriptions

Pathway Courses	Grades	Length	Equivalencies	EWHS	MHS	LHS	MTHS	SLHS
Healthcare Professions*	10-12	2 credits, Full year	1 credit Science (Anatomy/Physiology), 1 credit English, or .5 credit Health	ID	✓	ID	ID	ID
Biotechnology*	10-12	1 credit, Full year	1 credit Science		✓	✓	✓	
Anatomy and Physiology*	10-12	1 credit, Full year	1 credit Science		✓		✓	

✓ *Course is available at this school*    ID = *Intra-District Course*    \* *College Credit Available*

## BIOTECHNOLOGY

SCI424/425 (Year)

Grades 10-12

Equivalency: 1 credit Lab Science

Prerequisite: Biology and completion of, or concurrent enrollment in, Chemistry.

Explore topics such as DNA analysis, genetic engineering and stem cells, as well as biotechnology related to medicine, global health, environmental issues and bioethics. Participate in hands-on lab experience to develop skills and techniques that are typical of research and medical laboratories. Complete a year-long biotechnology project and participate in the regional *Bio Expo Science Fair*. **Students can earn college credit through this course.**

## ANATOMY & PHYSIOLOGY

SCI408/409 (Year)

Grades 10-12

Equivalency: 1 credit Lab Science

Prerequisite: Completion of or concurrent enrollment in Biology.

Gain basic information regarding the chemistry and organization of living matter needed to understand cellular, tissue and organ functions. Study the structure and physiology of the major organ systems, and perform dissections. **Students can earn college credit through this course.**



## HEALTHCARE PROFESSIONS (Intra-District)

VOC056/057 (Yearlong, 2-period block)

Grades 10-12

Intra-District Program: Located at Meadowdale HS, period 1/2 block class. Students from all District high schools may attend this program. District bus transportation is provided. Shared Student Form required for registration.

Equivalency: 1 credit 3<sup>rd</sup> Year Science (Anatomy and Physiology)

Prerequisite: Completion of or concurrent enrollment in Biology.

Explore a wide range of careers within the Healthcare field while also earning a full year lab science credit in Anatomy and Physiology. Topics include medical terminology, First Aid/CPR, medical law and ethics, chemistry and organization of living matter, the structure and physiology of the major organ systems, and health science career paths. **Students can earn college credit through this course.**

