



HEALTH SCIENCE

THERAPUTIC SERVICES

The Health Science Career Cluster® focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others.

HIGH SCHOOL COURSES OFFERED

EXPLORATORY

- Family Health
- Medical Careers & Terminology
- Biomedical Anatomy & Physiology
- Health Sciences Cooperative Worksite Learning

PREPARATORY

- Sports Medicine
- CTA: Applied Medical Sciences
- CTA: Dental

WORKBASE LEARNING

Work Experience Opportunities

CTE students in many cases can pursue what is called a "work-based learning" opportunity or an internship involving a job outside of school. "Work-based learning" experiences are always paid and earn high school credit. Internships are typically paid but do not earn academic credit. Individual schools and CTE teachers work with local employers to arrange these opportunities for their students, so your local CTE or career office is the best source of information for what your own school offers.

Student Leadership Organizations

HOSA is a national organization for students exploring health care careers. Students gain leadership and technical HOSA skill competencies through a program of motivation, awareness, and recognition, which is an integral part of the Health Science Education instructional program. Students attend conferences and participate in competitive events and network with peers and health care industry partners.

More information is contained on the [Student Leadership Organizations](#).



ALIGNED TO INDUSTRY

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Certified Nursing Aide/Assistant	\$33,220	4200	11.6%
Clinical/Certified Medical Assistant	\$43,470	2020	23.7%
Pharmacy Technician	\$43,860	680	6.4%
Dental Assistant	\$44,950	1560	19.4%
Licensed Practical/Voc. Nurse	\$57,830	660	8.4%
Registered Nurse	\$83,490	4660	20.5%
Physical Therapist	\$89,220	420	30.5%
Nurse Practitioner	\$125,000	270	28.5%

POST SECONDARY OPTIONS

High school/ Certificate	Cert/ License	Associates Degree	Bachelor's Degree	Masters/ Doctoral	Schools w/ programs
Precision Exams-Variou Nursing Assist-CNA	Licensed Practical Nurse	Registered Nurse		Nurse Practitioner	Clark, CPTC Centralia, Tacoma, EWU, UW, WWU, WSU
Medical Assist-MA		Medical Assistant	Healthcare Management	Physician Assistant/ Physician/ Doctor	UW, EWU, UPS, WSU, SPU, WWU, CWU, CPTC, CBC, etc.
Dental Assist-DA				Dentist	UW, EWU, Central, Pierce, Clark, etc.
Pharmacy Tech				Pharmacist	UW, CPTC, UPS, ESU, SU, Clark, etc.

Additional industry-based certification information is available from the OSPI website.



EXAMPLE COURSE PLAN • 4 YEAR COLLEGE / UNIVERSITY

Subject/Credit	HS Credit earned in MS	9 th Grade	10 th Grade	11 th Grade	12 th Grade
English/4		Pre-AP Freshman English	Pre-AP Sophomore English	AP Language	AP Literature
Math/3	Algebra	Geometry	Algebra 2	Pre-Calculus	AP Calculus
Social Studies/3			World History	US History	CWP Civics
Lab Science/3		AP Biology	AP Physics	Biomedical Anatomy & Physiology	AP Chemistry
CTE/1			Intro To Medical Careers & Term		
PE & Health/2		Family Health Foundations of PE			Team Sports Weight Training
Art/1		Intro to Art Ceramics			
PPR or Electives/7		Spanish 1	Spanish 2	Spanish 3	Sports Medicine



EXAMPLE COURSE PLAN • 2 YEAR COLLEGE / TECH

Subject/Credit	HS Credit earned in MS	9 th Grade	10 th Grade	11 th Grade	12 th Grade
English/4		Freshman English	Sophomore English	Junior English	Senior English
Math/3		Algebra	Geometry	Algebra 2	Pre-Calculus
Social Studies/3			World History	US History	CWP Civics
Lab Science/3		AP Biology	AP Physics	Biomedical Anatomy & Physiology	AP Chemistry
CTE/1			Intro To Medical Careers & Term		
PE & Health/2		Family Health Foundations of PE		Team Sports Weight Training	
Art/1		Intro to Art Ceramics			
PPR or Electives/7		Spanish 1	Spanish 2	Spanish 3	Sports Medicine WSL

NOTE: These are just two of many options for course planning. Need help; see your counselor or career specialist today.