



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.

# HEALTH SCIENCES



## APPROVED COURSES

### EXPLORATORY

- Introduction to Health Careers
- Medical Terminology
- Health Sciences Cooperative Work Experience

### PREPARATORY

- Pre-Allied Health Programs
- Dental Assisting
- Therapeutic Services, Other
- Medical Assistant
- Pharmacy Pre-Technician/Assistant
- Physical Therapist Technician/Aide
- Sports Medicine
- Nursing Assistant

## ALIGNED TO INDUSTRY

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Certified Nursing Aide/Assistant	\$33,220	4200	15%
Clinical/Certified Medical Assistant	\$43,470	2020	27%
Pharmacy Technician	\$43,860	680	9%
Dental Assistant	\$44,950	1560	19%
Licensed Vocational Nurse	\$57,830	660	12%
Registered Nurse	\$83,490	4660	21%
Physical Therapist	\$89,220	420	27%
Nurse Practitioner	\$125,000	270	30%

## WORK-BASED LEARNING AND EXTENDED LEARNING OPPORTUNITIES

### 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 also 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.

WCT SMA is a network of professionals where students gain career and college readiness skills in sports medicine and related careers, and learn how to help others develop, grow and succeed on and off the field.

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



**Therapeutic Services Pathway:** Careers in the Therapeutic Services pathway are focused primarily on changing the health status of the patient over time. Health professionals in this pathway work directly with patients; they may provide care, treatment, counseling and health education information.

# POSTSECONDARY OPTIONS

CREDENTIALS		HIGHER EDUCATION			
HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE / LICENSE	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL	SCHOOLS WITH THESE PROGRAMS
Certified Nursing Aide/Assistant	Licensed Practical Nurse	Registered Nurse		Nurse Practitioner	Big Bend, Bellevue, Spokane, North Seattle, Grays Harbor, Olympic, Clark, Centralia, Tacoma, CPTC, Pierce, Shoreline, Renton, EWU, UW, WWU, WSU
Certified Medical Assistant		Medical Assistant	Healthcare Management	Physician Assistant Physician/Doctor	UW, EWU, UPS, WSU, SPU, WWU, CWU, Bellevue, Gonzaga, Seattle U, CPTC, Columbia Basin, Peninsula, Tacoma, Pierce, North Seattle, Northwest, Highline, Renton, Walla Walla, Big Bend, ETC.
Certified Dental Assistant		Dental Hygienist		Doctor of Dentistry	UW, EWU, Pacific NW, North Seattle, Pierce, Shoreline, LWTC, Seattle Central, Bellingham, Clark, ETC.
Certified Pharmacy Technician				Doctor of Pharmacy	UW, CPTC, UPS, Renton, Seattle Pacific, North Seattle, Evergreen State, Seattle U, Edmonds, Bellevue, Green River, ETC
Additional industry-based certification information is available from the OSPI website.					

## COURSE INFORMATION

COURSE NAME	CIP CODE	STATE COURSE CODE	TEACHER CERTIFICATION CODE	COURSE NAME	CIP CODE	STATE COURSE CODE	TEACHER CERTIFICATION CODE
Introduction to Health Careers	510000	14001 14002	V260102, V261202, V310510, V510700, V510709, V410710, V510800, V510900, V511614	Therapeutic Services, Other	510800	14063, 14097, 14099, 14299, 14999	V510800
Medical Terminology	510799	14154	V310510, V510700, V510709, V510710, V510800, V510900, V511614, V260102, V520404	Pharmacy Pre-Technician/Assistant	510805	14152	V510800
Health Sciences Cooperative Work Experience	518888	12051, 12052, 12053, 12054, 12055, 12056, 12057, 12058, 12059, 12097, 12099	V600096, V600097	Physical Therapist Technician/Aide	510806	14060	V510709 V510800
Pre-Allied Health Programs	511199	14001 14002	V310510, V510709, V510800, V511614	Sports Medicine	510913	14062	V510709 V510800
Dental Assisting	510601	14054	V510601, V510800	Nursing Assistant	511614*	14051	V510800 V511614

