

Health Science Career Cluster

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.

Healthcare Diagnostics and Therapeutic Statewide Program of Study



The Diagnostic and Therapeutic Services program of study introduces students to occupations and educational opportunities related to diagnosing and treating acute, episodic, or chronic illness independently or as part of a healthcare team. This program of study also includes an introduction to the opportunities associated with providing treatment and counsel to patients as well as rehabilitative programs.

Secondary Courses for High School Credit

Level 1

- Introduction to Dental Science
 - 1 Semester at Ben Barber
 - 1465CT/9-12

Level 2

- Dental Anatomy & Physiology
 - 1 Semester at Ben Barber
 - 1461CT/10-12
 - **Prerequisites: Introduction to Dental Science**
- Medical Terminology
 - 1 Semester at Ben Barber
 - 1443CT/9-12

Level 3

- Health Science Theory
 - 1 Semester at Ben Barber
 - 1411CT/10-12
 - **Prerequisites: Biology & Medical Terminology**
- Medical Microbiology – Science Credit
 - 1 Semester at Ben Barber
 - 8120CT/10-12
 - **Prerequisites: Biology & Chemistry AND Medical Terminology OR Introduction to Dental Science**
- Phlebotomy*
 - 1 Semester at Ben Barber
 - 1424CT/11-12
 - **Prerequisites: Medical Terminology AND Another Level 3 Course**
 - Selection Process
 - **Phlebotomy Technician Certification Possible**
- EKG/ECG*
 - 1 Semester at Ben Barber
 - 1426CT/11-12
 - **Prerequisites: Medical Terminology AND Another Level 3 Course**
 - Selection Process
 - **Certified EKG/ECG Technician Possible**
- Anatomy & Physiology – Science Credit
 - 1 Semester at Ben Barber or 2 Semesters at Home Campus
 - 0810CT or 8100A-B/11-12
 - **Prerequisites: Biology AND Level 2 or 3 Health Science Course**

Level 4

- Pathophysiology– Science Credit
 - 1 Semester at Ben Barber
 - 8125CT/11-12
 - **Prerequisites: Biology & Chemistry AND Level 2 or 3 Health Science Course**
- Practicum in Health Science*
 - 2 Semesters at Ben Barber
 - 1431CA-CB/12 only
 - **Prerequisites: Health Science Theory AND Any Level 3 Health Science Course**
 - Selection Process
- Pharmacy Technician*
 - 2 Semesters at Ben Barber
 - 1421CA-CB/12 only
 - **Prerequisites: Health Science Theory AND Any Level 3 Health Science Course**
 - Selection Process
 - **Certified Pharmacy Technician Certification Possible**
- Certified Nurse Aide/Assistant
 - 1 Semester at Ben Barber
 - 1471CT/12 only
 - **Prerequisites: Health Science Theory AND Any Level 3 Health Science Course**
 - Selection Process
 - **Certified Nurse Aide/Assistant Certification Possible**
- Medical Assistant*
 - 2 Semesters at Ben Barber
 - 1413CA-CB/12 only
 - **Prerequisites: Health Science Theory AND Phlebotomy or EKG**
 - Selection Process
 - **Certified Medical Assistant Certification Possible**

**Students cannot take Phlebotomy AND EKG/ECG.*