

**Health Related Occupations (2) Year Program – 24 Credits for Graduation  
CIP #-51.9999-Program of Study**

Period	9	10	11	12
1	English I	English II	English III	English IV
2	Algebra I	Geometry	Math	Any higher level math course-recommended
3	Geo-Environmental	Biology I	<b>Honors Anatomy &amp; Physiology</b>	Chemistry or Physics  Biology II if not taken in Junior year.
4	PE/Health I	PE/Safety Education	PE Health II (11 <sup>th</sup> or 12 <sup>th</sup> )	PE Health II (11 <sup>th</sup> or 12 <sup>th</sup> )
5	Social Studies	Social Studies	Social Studies	<b>Medical Terminology and Procedures II</b>
6	Elective: FCS Skills for Success	Elective: Child Development or Special Children/Adults	<b>Introduction to Medical Careers</b>	<b>Allied Health Practicum or Capstone</b>
7	Arts & Humanities Elective	Arts & Humanities Elective	<b>Medical Terminology and Procedures I</b>	<b>Allied Health Practicum or Capstone</b>
<b>CTE Total Hours: CATS: 720 Carlisle: 913</b>			<b>456 hours</b>	<b>456 hours</b>

- Students should consider taking four years of math and science.
- Students must make-up all failed classes in summer school to complete this program of study.
- Students must pass all required Keystone Exams and/or complete remediation courses.

**Introduction to Medical Careers - Course #640**

Prerequisite: Completed Biology I

Grades 11 or 12

1 credit

5 pds/wk

Introduction to Medical Careers provides students with a comprehensive overview of the career opportunities available in the health care industry. Students gain an understanding of the academic and technical aptitudes, as well as the professionalism, needed to work in a health related occupation. An in depth study of the legal and ethical issues unique to the medical profession along with instruction in safety and body mechanics, OSHA regulations, communication procedures, human development, and infection control are essential to the course. Visits to health care organizations and instruction from health science and medical professionals supplement course content. The expectation is that students participate in job shadowing experiences as they become available.

**Medical Terminology and Procedures I - Course #650**

Prerequisite: Completed Biology I

Grades 11 or 12

1 credit

5 pds/wk

Medical Terminology and Procedures I is an introduction to the essential practices relevant to every career pathway in the Health Care industry. Topics include medical terminology, aseptic techniques, infection control, body mechanics, body structure and function, exercise and activity, fluids and

nutrition, skin care, vital signs and rehabilitation. Instruction involves theory and clinical practice within the classroom laboratory. Students complete the first aid, CPR and AED certifications. Visits to area health care settings and instruction from medical professional's supplement course content. The expectation is that students participate in job shadowing experiences as they become available.

**Medical Terminology and Procedures II - Course #651**

Prerequisites: Medical Terminology & Procedures I and  
Honors Anatomy & Physiology  
Grade 12

1 credit  
5 pds/wk

Medical Terminology and Procedures II is a continuation of the essential practices relevant to every career pathway in the medical profession. Students use the skills learned in the level one course to advance their understanding of medical terminology and essential procedures. Greater in depth knowledge is gained in the areas of rehabilitative medicine (physical therapy, occupational therapy, athletic training, nutrition, exercise science, and personal training).

**Health Career Lab Intern-Course #656**

Prerequisites: Teacher Approval; concurrently enrolled  
in Medical Terminology and Procedures II  
Grade 12

1 credit  
5 pds/wk

Students who are in Medical Terminology and Procedures II may participate as a lab intern. Students will be responsible for assisting the instructor with hands on skills in a Medical Terminology and Procedures I course. Students will be required to possess and demonstrate soft skills along with the hard skills of a health care professional. Students will be required to maintain a journal and log of their experiences. They will provide support with demonstrations and lab preparations for lower level students. Students will prepare and deliver a lecture/project on a topic related to current course content each marking period. Student lab interns will also assist with and create exam review materials for students of the Medical Terminology and Procedures I course.