

HEALTH TECHNOLOGY



Students prepare for health-related careers by gaining: 1) an overview of current health systems, 2) information on potential careers, 3) application of study skills, and 4) practice in the basic skills required for jobs in a variety of health-related occupations. During first semester, computer research and academic work focus on exposure to various health careers. Second semester emphasizes skills for the nurse assistant certification (CENA long term care nurse aide credentials) and college level medical terminology. Throughout the course, students learn the professional characteristics for healthcare workers including critical thinking and interpersonal skills. Students are trained in a solid foundation of core nursing assistant skills including blood pressures, vital signs, occupied bed making, transfer techniques, and medical abbreviations. Students will be exposed to various health occupations through service learning, guest speakers, field trips and job shadows. Students who qualify may have the option to take clinicals for CENA certification after the school year ends. If college level work is attained, students may earn up to 9 LCC credits.

Student learning outcomes include but are not limited to:

- Successfully complete the post-test and CPR technique demonstrations (Infant, Child, and Adult) for the Basic Cardiac Life Support (BCLS) provider certification.
- List and demonstrate steps required to maintain universal precautions following completion of OSHA required training in Blood Borne Pathogens and Universal Precautions.
- Identify and recall with a minimum 76% accuracy, common medical abbreviations universally used in health care including medical prefixes and suffixes and by using them correctly, construct, define, and apply common medical terms.
- Learn Maslow's hierarchy of needs, physiological changes of aging. Signs and symptoms of Alzheimer's and dementia.
- Assess temperature, pulse, respirations, blood pressure, including documentation procedures
- Demonstrate safety, emergency, and disaster procedures,
- Demonstrate proper patient feeding and shaving, occupied bed making, isolation techniques, transfer and positioning, performing direct care, documentation
- Career research project: researching 14 careers (obtaining data and giving oral presentation/poster)

Program Location:

*LCC Downtown Campus
(shuttle available from LCC West)*

Session Offered: AM/PM

Average Lecture Days/Week: 4-5 days

Average Lab Days/Week: 2-3 days

Homework: Daily

Required reading:

College level textbooks

Workbooks

E-books and/or internet information

25+ pages/week

LCC Credits Available: 9

(If college level work is attained)

HIGH SCHOOL/COLLEGE CREDIT

The primary focus of the Eaton Intermediate School District Career Preparation Center is to enhance a student's high school curriculum by providing an opportunity to learn a technical trade and/or to obtain a head start on a post-secondary education.

All students completing an Eaton Intermediate School District's Career Center program at Lansing Community College **have the opportunity** to earn either direct or articulated college credit while completing their high school program if specific criteria are met.

LCC credit is awarded to a student who: a) completes the high school career and technical education course with a minimum of a "C" average; b) meets the performance objectives for a specific Lansing Community College course; and, c) passes the college course final examinations, if one is required. These credits are shown as numerical grades on the student's LCC transcript. Transcripts may be requested through Lansing Community College Enrollment Services Department by August following course completion.

The courses listed below show the possible LCC college credits that may be available to high school students taking an EISD Career Preparation Program.

HEALTH TECHNOLOGY

CHSE100 Introduction to Health Professions

3 LCC Credits

This course is an overview of the health care industry, including medical ethics, trends in health care, and exploration of career options. It includes introduction to medical terminology, anatomy and physiology, vital signs measurement, math used for conversions, basic cardiac life support skills, and universal precautions/blood borne pathogen training.

NCHE102 CPR for Health Care Professionals

No Credit

This seminar is designed for CPR instruction of health care providers and adheres to American Heart Association guidelines. Content includes one- and two-rescuer CPR; child and pediatric CPR, adult, child, pediatric foreign body airway obstruction; information about heart disease; risk factor, and physiology of the heart and lungs.

CHSE108 Long-Term Care Nurse Aide

5 LCC Credits

This course will prepare an individual to be a nurse aide in a long-term care facility or home health care agency. This state-approved course will provide specific knowledge and skills required for a nurse aide to safely function in a long-term care setting. Clinical hours may occur outside of the EISD-CPC class time. Upon successful completion of the class and clinical hours, the student is eligible to take the Certified Nurse Assistant (CNA) Exam.

CHSE120A and B Medical Terminology Module A and B

.5 LCC Credits/Module

Medical Terminology will provide an introductory knowledge of word building, use, pronunciations, spelling of medical terms, applying terms to the function and structure of body systems and specific disease conditions. Emphasis is placed on medical terms in periodicals, textbooks, and medical care areas. This is only two modules out of the eight modules that make up the full CHSE 120 course. The full four credit Medical Terminology class will need to be taken as a whole once students are in college. It is not possible to take only the remaining six modules.

For additional information concerning this program, go to: <http://www.lcc.edu/catalog/syllabus/>
Choose to search: by "Keyword" - Type in : e.i.s.d - then select current year