

Excel in Career & Technical Education (CTE)

The following programs are offered at the Hutchinson Career and Technical Education Academy (HC&TEA) at Hutchinson High School.

AUTOMOTIVE COLLISION & REFINISHING TECHNOLOGY

This program prepares students for entry into collision repair careers. Students learn and then apply collision repair skills, from estimating damage to final detailing.

Certificate A = 18 Credit Hours | Certificate B = 41 Credit Hours

AUTOMOTIVE TECHNOLOGY

This program prepares individuals to apply technical knowledge and skills to repair, service, and maintain all types of automobiles, including instruction in brake systems, electrical systems, engine performance, engine repair, suspension and setting, automatic and manual transmissions and drivetrains, and heating and air conditioning systems.

Certificate A = 19 Credit Hours | Certificate B = 34 Credit Hours

CONSTRUCTION TECHNOLOGY

This program prepares students for entry into the construction and home building industries. Students actively participate in the construction of one structure per year.

Certificate A = 18 Credit Hours | Certificate B = 36 Credit Hours

MACHINE TECHNOLOGY

This program prepares students for entry into machining careers. Machinists produce customized, precision complaints for machinery. Students learn to read blueprints, utilize precision measurement tools, and operate machine tools, including drilling machines, lathes, milling machines, saws, grinders, and computer-controlled machines.

Certificate A = 22 Credit Hours | Certificate B = 31 Credit Hours

WELDING TECHNOLOGY

This program prepares students to become metal welders and fabricators. Students apply principles of math, metallurgy and electricity to manufacturing processes.

Certificate A = 20 Credit Hours | Certificate B = 33 Credit Hours

HEALTH SCIENCE

HR105: MEDICAL TERMINOLOGY

Elements of medical language including common abbreviations. Emphasis is placed on spelling, pronunciation, correct usage, and meaning relating to body systems, medical science, and medical specialties.

AL131: GERIATRIC AIDE (C.N.A.)

Fundamental knowledge of the aging process with emphasis on meeting the physical needs requirements of geriatric residents of health care facilities including ethics, communication, normal and aging body system functions, nutrition, diseases, observation skills, documentation, personal care skills and their adequate performance.

AL132: MEDICATION AIDE (C.M.A.)

Fundamental knowledge of medications, their use, actions, side effects and dosage; documentation; wound management; and supervision skills for geriatric aides.

AL153: PHARMACOLOGY

Basic pharmacology for students pursuing allied health professions-basic drugs as related to diseases, effects of drugs on different systems of the body, interaction of drugs, side effects, contraindications and effectiveness in relation to dosages.

AL170: PHLEBOTOMY

Basic training in phlebotomy including venipuncture and capillary puncture techniques, and anatomy/physiology of vascular system, emphasizing basic skills, techniques and equipment used in phlebotomy; patient contact and medical/legal issues.

EM131: CARDIAC CARE (CPR)

Fundamental elements necessary for students to recognize and react to cardiac emergencies for adults, children and infants; instruction and practice for skill acquisition in CPR, AED, rescue breathing, bag-valve mask use and relief of choking. Information in basic cardiac function and risk factors related to cardiac emergencies. Identification of potential scene and personal safety risks and precautions. AL131: Geriatric Aide (CNA) prerequisite. ACT Reading 14+ or Accuplacer Reading 231+

Kansas HS students receive
FREE tuition for Excel in CTE
courses taken at HutchCC!

**QUESTIONS?
CONTACT ME!**



SHIRLEY YODER
CTE CURRICULUM SPECIALIST

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Partnering for Your Career Success

Tuition-Free College Courses for Qualified Kansas High School Juniors and Seniors

Kansas Excel in CTE Initiative

- ♦ Tuition-free college credit for qualifying Kansas high school juniors and seniors through Hutchinson Community College
- ♦ Access to industry recognized credentials where such credentials exist
- ♦ Tuition for approved career and technical education courses will be waived under the Excel in CTE

Benefits to Students

- ♦ Complete college courses as a high school student
- ♦ Enter the workforce with a certification of industry recognized skills
- ♦ Prepare for a variety of career fields with promising job prospects

Student Enrollment Process

- ♦ **Choosing Courses:** Meet with your high school counselor to discuss CTE course options
- ♦ **Application Process:** Follow the link below or scan QR code:

<https://forms.gle/FvSHZYeavvggFzoC6>



Applications
Due Friday,
March 29, 2024



Your Opportunities Include:

Construction

- ♦ Construction Technology/Building Trades AM/PM

Transportation

- ♦ Auto Collision and Refinishing Technology AM/PM
- ♦ Automotive Technology AM/PM

Manufacturing

- ♦ Machine and Manufacturing Technology AM
- ♦ Welding Technology AM/PM

Health Science

- ♦ Medical Science (CNA, CMA, Pharmacology Medical Terminology) (off site clinical rotations on evenings and weekends required)

Tours and visits available, please call 620-615-4122 for details

AM classes 7:48 A.M.— 10:48 AM
PM classes 12:46 PM—3:46 PM

Building Trades 7:40 AM—10:40 AM
Building Trades 1:00 PM—4:00 PM