

CAREER AND VOCATIONAL EDUCATION PROGRAM

Introduction to Auto Technology – (ICCC) Grades 11-12

Semester Elective (1 HS Credit) (2 ICCC Credits) [AUT 106]

Prerequisite: Guidance Approval

Learn the basics of consumer automotive mechanics. You'll understand your own car or truck, so you could service your own vehicle. You'll also learn useful technical and financial information on how to buy a new or used car. Course topics include: hand & power tools, specialty tools, hoists, lifts, and shop equipment.

Auto Technology 1 – (ICCC) Grades 11-12

Full Year – 2 periods in length

(4 HS Credits)(9 ICCC credits) [AUT 108] [AUT 503] [AUT 163]

Prerequisite: Guidance Approval

This program is designed to teach the theory necessary for success in the fields related to Engine Mechanics. Practical experiences are conducted in a laboratory setting. The topics covered include: small engine, maintenance & repair, auto engine repair, engine performance, automatic trans/transaxle, manual drive train and axles, suspension and steering, brakes, electrical systems, heating and air conditioning. Iowa Central courses are Intro to Transmission Tech., Automotive Engine Repair, and automotive Brake Systems.

Students enrolled in Auto Technology will be required to purchase a shop coat for their own use in the program. They will be required to wear safety glasses at all times. Approved safety glasses or over-the-eye protectors will be furnished for the program at no cost.

Auto Technology II – (ICCC) Grades 11-12

Full Year – 2 periods in length

(4 HS Credits) (2 ICCC credits)[AUT 881] [DSL 323]

Prerequisite: Auto Technology I and Guidance Approval

Level II is intended for students going into a mechanical career. This is an open lab environment designed to practice knowledge from Auto Technology I and an introduction to Diesel Technology.

Automotive Electrical Systems – (ICCC) Grades 11-12

Full Year – 1 period in length

(2 HS Credits)(3 ICCC credits) [AUT 632]

Prerequisite: Guidance Approval

This introductory course covers basic electronic theory and utilization of electrical measuring instruments. Emphasis will be on the application of Ohm's Law and the proper utilization of electronic test equipment, including instrument selection, interpretation of results, and maintenance of equipment.

Cosmetology- Grade 12

Full Year – 3 periods in length (6 HS credits)

Prerequisite: Guidance Approval

This is a full year three-period course which provides exploration into a variety of personal service occupations such as barbering, beautician, cosmetology, beauty, weight control, etc. Included are such topics as communication skills, human relations, business management, business law, and occupational orientation and career planning. Learning activities include clinical work experience in a beauty salon.

Students enrolled in the program are allowed to earn credit hours that may be applied to the total of 2100 hours necessary in becoming a licensed cosmetologist.

The program is held at Faust Institute of Cosmetology in downtown Storm Lake during morning periods only. Professional dress is required. Students may wear slacks, but not jeans or athletic wear.

Building Trades I- Grades 11-12

Full Year – 2 or 3 periods in length (4 or 6 HS Credits)

(Dual Credit through ICCC)

Prerequisite: "C" or better in Manufacturing Tech and Guidance Approval

The Building Trades Program provides instruction in the construction trades field. Practical experience provided at a housing construction site will include: occupational orientation, safety, residential construction theory and practice, plan reading, care and use of tools, and instruction in related areas of electrical, plumbing, heating, concrete, and masonry.

Students in the program will also be required to wear hard hats and safety glasses when necessary. Hats will be provided, but the student will furnish approved safety glasses or over-the-glass protectors.

Building Trades II - Grades 11-12

Full Year – 2 or 3 periods in length (4 or 6 HS Credits)

(Dual Credit through ICCC)

Prerequisite: Building Trades I and Guidance Approval

This course is a continuation of Building Trades I and is meant for students who are interested in a career in construction.

Health Occupations- (ICCC) Grades 11-12

2nd Semester Elective – 2 periods in length

*(2 HS Credits) Dual Credit through ICCC - 5 Semester Hours (PSY 121)(HSC 104)
(HSC 113)*

Prerequisite: Biology and Guidance Approval

The Health Occupation curriculum is composed of 3 separate courses, and provides a student with knowledge and visions into a variety of health occupations. "Developmental Psychology" [PSY 121]: This course traces the fundamental patterns of normal health development from conception to death. Each developmental period is examined in light of the characteristics of the period and the demands of the American culture. Recent Research in the studies relating to different ages is reviewed. The 2-hour Iowa Central Community College Credit Course, "Medical Terminology" [HSC 113]: The student will study terminology of the human body systems. The emphasis will be on recognition and functional vocabulary related to medical science. Definitions, standard abbreviations, pronunciations, and correct spelling will also be included. Exploring various health careers will be done through classroom projects, field trips, and job shadowing.

Introduction to Health Care (HSC-104)

Students will have a basic introduction to the health care delivery system, professionalism and legal and ethical responsibilities of the health care worker. The communication process will be introduced as well as an understanding of patients' needs and behavior. Aspects of patient care will be discussed involving safety, infection control and transfer techniques and vital signs.

Student expectations/requirements:

1. To be highly motivated and exhibit regular school attendance.
2. To participate in classroom discussions/activities.
3. To dress appropriately at the job shadow sites.
4. To be punctual, responsible, and accountable to the school system, instructors, and place of job shadow assignment.

Advanced Career Exploration (ACE) - Grades 11-12

Full Year Elective

Advanced Career Exploration is the only high school class devoted specifically to learning upper level work base skills, including resumes, application letters, and job interview. This course will provide for group and individual instruction of employability skills through classroom and work-based learning experiences, which will include job shadowing and day-to-day management of the Daily Grind Espresso Cart, a student-run business. Students will actively participate in the student-led career organization, which will include officer elections, fund-raising, and service learning.

ACE Internship - Grade 12

1 or 2 semester course-must have completed first year ACE class

This paid or non-paid internship course will offer work experience relating to career areas of the student's choice. First semester students will complete two internships in different career areas. Students taking **ACE** Internship for a second semester may remain at one worksite the entire semester, if they so choose. Participating students must have completed **ACE** as a junior. Students must provide their own transportation to worksites.

Introduction to Child Care Services – (ICCC) Grades 11-12

2nd Sem Elective - 2 periods in length

(2 HS Credits) (Dual Credit through ICCC 2 Semester Hours)[ECE 102]

Prerequisite: SLHS Child Development Class and Guidance Approval

Introduction to Child Care Services is an introductory training curriculum designed to help the child care provider with little or no previous training to learn how to offer high-quality child care services. Approximately 8 hours each week will be spent at East School with two hours of additional class time. Students who wish to take this class will need to follow the "East School Standards of Dress and Appearance".

Certified Nurse's Aid Course – Grades 11-12

1st or 2nd Semester Elective – 2 periods in length

(2 HS Credits)

Prerequisite: Guidance Approval

This course provides students with a basic level of knowledge and skills to provide safe, effective resident care. This nurse aide course meets the training requirements of The Omnibus Budget Reconciliation Act of 1987 (OBRA) for aides working in nursing facilities (NF) and skilled nursing facilities (SNF).