

ARTS & COMMUNICATION



Commercial Art

This program allows students to explore visual communication methods, essential design principles and their own creative processes through a variety of creative situations and visual problem solving challenges.

Session Offered: PM

Program Location: LCC West Campus

LCC Credits Available: 9

(If college level work is attained)

Computer Graphics/Animation & 3D

This program explores visual communication in art, animation, 3d modeling, video games, photography, film, advertising, video and the World Wide Web. The goal is to apply visual awareness and technical skills to create exciting, visually appealing static, animated and interactive designs.

Session Offered: PM

Program Location: LCC West Campus

LCC Credits Available: 9

(If college level work is attained)

Computer Graphics/Web Design

This program explores visual communication in art, photography, film, advertising, video and the World Wide Web. Students will design and build complex websites with Adobe Dreamweaver, create and modify images in Photoshop, and add animation and multimedia to their sites with Flash.

Session Offered: AM

Program Location: LCC West Campus

LCC Credits Available: 9

(If college level work is attained)

Fashion Design

Students will explore the careers of the fashion, textiles, retail, merchandising and design industry through field trips, guest speakers, textbooks, workbooks, the Internet and other hands on activities.

Session Offered: PM

Program Location: LCC West Campus

LCC Credits Available: 12

(If college level work is attained)

BUSINESS, MANAGEMENT, MARKETING & TECHNOLOGY



Computer Support

This program provides students with the skills to diagnose and correct problems that computer users encounter. The student receives practical hands-on experience in installing, maintaining, and troubleshooting computer hardware and software.

Session Offered: AM

Program Location: LCC West Campus

LCC Credits Available: 9

(If college level work is attained)

Insurance & Risk Management

Students will investigate the process of risk management and the field of insurance, including: social value, economic influence, loss exposures and protection, marketing, claims adjusting, underwriting, personal insurance, financial planning, and commercial insurance. This program is highly recommended for students planning to pursue a career in Business or Finance.

Session Offered: AM/PM

Program Location: Farm Bureau

(Shuttle available from West Campus)

Olivet College Credits Available: 9

(If college level work is attained)

ENGINEERING/MANUFACTURING & INDUSTRIAL TECHNOLOGY



Auto Collision Repair

This program includes an introduction to the refinishing process that forms the basis for all automotive refinishing work. Surface preparation, material selection, beginning welding, and the use of hand and power tools will be covered.

Session Offered: AM

Program Location: LCC West Campus

LCC Credits Available: 8

(If college level work is attained)

Automotive Technology

This program covers the four National Institute for Automotive Service Excellence requirements for training in auto service and brakes. An introduction to steering and suspension is also provided.

Session Offered: AM/PM

Program Location: LCC West Campus

LCC Credits Available: 9

(If college level work is attained)

Building & Electrical Trades

This program provides an overview of residential construction and installation practices for sheet metal, electrical, and structured framing. The above practices are applied to classroom, lab exercises, and jobsite installation.

Session Offered: AM

Program Location: LCC West Campus

LCC Credits Available: 13

(If college level work is attained)

CADD/CAM/Pre-Engineering

This program teaches the basic skills and concepts for design, manufacturing, and decision making related to engineering processes. Some of the skills covered are basic drafting conventions and techniques and 3D parametric modeling.

Session Offered: PM

Program Location: LCC West Campus

LCC Credits Available: 12

(If college level work is attained)

Civil Engineering & Energy Technology

Students interested in engineering, biomechanics, aeronautics, and other applied math and science arenas will discover this program provides an exciting portal into these industries.

Session Offered: AM

Program Location: LCC West Campus

LCC Credits Available: 13

(If college level work is attained)

ENGINEERING/MANUFACTURING & INDUSTRIAL TECHNOLOGY



Heavy Equipment Operator

This program provides students with an orientation to the heavy equipment industry including heavy equipment safety, equipment maintenance and basic operation techniques for tractors, trucks, and earth moving equipment.

Session Offered: AM
Program Location: AIS Construction (shuttle available from West Campus)
LCC Credits Available: 8 articulated credits after two years (If college level work is attained)

Heavy Equipment Repair

Classroom and hands on repair of construction and farm equipment. Some of the skills covered include: operating a diesel engine, disassembling and reassembling an engine to running condition; basic electricity; and fundamentals of hydraulics.

Session Offered: AM/PM
Program Location: AIS Construction (shuttle available from West Campus)
LCC Credits Available: 8 articulated credits after two years (If college level work is attained)

Mechatronics

Students will focus on the installation and repair of electrical, hydraulic, pneumatic and digital controls that operate Automated Mechanical and Robotic Systems.

Session Offered: AM
Program Location: LCC West Campus
LCC Credits Available: 11 (If college level work is attained)

Welding

First year students are instructed in the basics of gas welding, arc welding and basic machining. Second year students will learn advanced arc welding, gas tungsten arc welding as well as an introduction to blueprint reading for welders and metallurgy. In addition, students in the second year will learn basic CNC setup and CNC programming.

Session Offered: AM/PM (2nd year students – PM only)
Program Location: LCC West Campus
LCC Credits Available: 13 (year one)
12 (year two)
(If college level work is attained)

HEALTH SCIENCES



Health Technology

This program prepares students for health related careers by providing: 1) an overview of current health systems, 2) information on potential careers, 3) application of necessary study skills, and 4) practice in the basic skills required for a job in a variety of health-related occupations. Those students who qualify may have the option to take Clinicals for the CENA certification after the school year ends.

Session Offered: AM/PM

Program Location: LCC Downtown
(shuttle available from West Campus)

LCC Credits Available: 9

(If college level work is attained)

HUMAN SERVICES



Criminal Justice

This program provides instruction in the areas of law enforcement, the courts, and corrections. It is primarily an academic program with some hands-on activities such as pressure points, take downs, handcuffing, Teen Court and firearms training.

Session Offered: AM/PM

Program Location: LCC West Campus

LCC Credits Available: 9

(If college level work is attained)

Early Childhood Education

In this program, students will learn skills and tools needed to teach young children. Students will also learn important concepts related to child development, health and safety, and positive guidance and discipline.

Session Offered: PM

Program Location: LCC Downtown

(shuttle available from West Campus)

LCC Credits Available: 5

(If college level work is attained)

Emergency Medical Services/Fire Science

This program provides students with an overview of fire science, career opportunities in fire protection and related fields, and philosophy and history of fire protection services. EMS topics will include patient assessment, CPR, AED, triage and scene management.

Session Offered: AM

Program Location: LCC West Campus

LCC Credits Available: 8

(If college level work is attained)

Law Enforcement

The program provides students with an overview of criminal justice as an institution and as a system. Students will be exposed to concepts and theories of patrol and the delivery of police services along with an understanding of the philosophy of community policing. Mandatory physical fitness activities are an essential component of this program.

Session Offered: AM/PM

Program Location: LCC West Campus

LCC Credits Available: 9

(If college level work is attained)

NATURAL RESOURCES & AGRISCIENCE



Zoo & Aquarium Science

This program is designed for students who have career interests in zoology, marine and animal science, veterinary medicine, conservation or environmental education. This is an in-depth, hands on learning experience in a real world setting—Potter Park Zoo.

Session Offered: AM/PM

Program Location: Potter Park Zoo
(shuttle available from West Campus)

LCC Credits Available: No college credit available