

OKAW AREA VOCATIONAL CENTER
PROGRAMS OFFERED FOR 2018-2019 SCHOOL
YEAR
HILLSBORO

AUTO BODY:

(Auto Body I)
State: 20116A001

This course includes the name, use and care of tools of the trade: skills needed for welding, replacing and repairing parts, and panels, as well as interior and exterior cleanup. Spray gun technique along with care of paint equipment, including types of paint and refinish systems are taught. Another unit is repair estimating. College dual credits are available.

(Auto Body II)
State: 20116A002

Two year program
Instructor: Mr. Carl Griffin
6 credits

Mr. Darin Dugan

**AUTOMOTIVE
MECHANICS:**

(Automotive Technician I)
State: 20104A001

This course combines technical background information in the classroom and practical experience in the shop. Training is given on many types of vehicles and engines, using the latest types of equipment. Work and study is done on engine over-haul and tune-up, suspension, brakes, wheel balancing, electrical systems, fuel injection, emission control computer systems, air-conditioning, and accessories.

(Automotive Technician II)
State: 20104A002

Two year program
Instructor:

Mr. Todd Nickel
Mr. Larry Walton

6 credits

COMMERCIAL ART:

**(Graphic Communications
I)**
State: 11154A001

**(Commercial Advertising
Art I)**
State: 11155A001

This is a two year program for junior and senior students interested in a career or a vocation of commercial illustration and advertising. The course covers a very wide variety of experiences in art. Students will be given experiences in advertising, computer graphics, paste-up design, sign painting, fashion design, interior design, and display design. The principles and elements of design will be emphasized on each project. Emphasis upon excellence in craftsmanship with a time element is stressed as if employed on the job. Prerequisite-Art I.

Two year program
Instructor: Mrs. Cindy Ireland
6 credits

Mrs. Kim Jaoko

DRAFTING/COMPUTER-AIDED DRAFTING:

(Architectural Drafting I)
State: 21103A001

(Architectural Drafting II)
State: 21103A002

A two year course which provides learning experiences related to the principles, tools, materials, techniques, equipment and processes utilized in the production and reproduction of drawings, layouts, plans and blueprints. Emphasis will be placed on three-dimensional representation using the computer as a drafting tool. Instruction is provided in freehand sketching; theory of projection; relationship of coordinate planes; object position in relation and requirements of dimensioning and understanding tolerances; isometrics of planes and solids; cavalier, cabinets, and general oblique drawing; diametric drawing; and picture plans, points of sight, visual rays, and vanishing points in perspective drawing.

Two year program
Instructor: Mr. David Koleson
6 credits

ELECTRONICS:

(Industrial Electronics I)
State: 17104A001

(Industrial Electronics II)
State: 17104A002

This course is a training program for junior and senior students who desire a career in some field of Electronics or Computer Networking. Both theory and practical experience will be emphasized. Introductory principles ranging from AC-DC circuitry through Networking and Cisco Routers will be taught. Practical skills will include trouble-shooting methods, reading schematic diagrams and programming at 3 levels. Tools used will include meters, oscilloscopes, power supplies and software. Advanced topics include game design, digital circuits and interfacing. Computer circuitry, repair of computers and LAN cabling is included. Successful completion of the program should enable the student to complete the (A+ certified) computer technician certification, Network+ Certified Network Administration (N+) certification or other electronic technical certification.

Two year program
Instructor: Mr. Gary Schulze
6 credits

FOOD SERVICE:

This is a two year program for those students who aim for employment in the

(Culinary Occupations I)
State: 16052A001

food industry. Classroom work will include units in food preparations using restaurant equipment such as a bench mixer, deep fryer and grill. Menu planning, serving skills management practices, nutrition, job interviews and applications will be covered. Field trips will be taken to hotels, bakeries, hospitals and restaurants. Trained food service personnel are in demand and job opportunities are excellent for the future. On the job experience in the food service establishments is mandatory. Opportunity for state certification by providing instruction on the "Applied Food Service Sanitation".

(Culinary Occupations II)
State: 16055A001

Two year program
Instructor: Mrs. Kim Perkins
6 credits

MACHINE SHOP:

Two year course that provides study of blueprint reading, metallurgy, shop safety, shop mathematics and CNC programming.

**(Machine Shop
Technology I)**
State: 13203A005

Emphasis will be placed on operation and set-up of metal cutting, lathes, mills, drills, grinders, and saws.

**(Machine Shop
Technology II)**
State: 13203A006

Two year program
Instructor: Mr. David Koleson
6 credits

POWER MECHANICS:

A two year course vocational in nature is for those junior and senior students who aim for a career in the repair and assembly of farm machinery. Instruction will be given for all types of mechanical equipment, including diesel motors, and hydraulic and electrical systems.

**(Agricultural Machinery
Service)**
State: 18449A001

Diagnostic equipment for engine analysis will be used and advanced welding will be included. Assembly of new equipment, tune up, and complete overhaul of old equipment will be part of the course.

Two year program
Instructor: Mr. Todd Ehlers
6 credits

WELDING:

The classroom portion of this program provides study in welding safety, basic math blueprint reading and layout, metallurgy, welding processes, fabrication, and repair.

(Welding Technology I)

State: 13207A001

Shop exercises consist of oxy-acetylene welding and cutting, shielded metal arc welding, gas metal arc welding (MIG), and tungsten metal arc (TIG) in various positions.

(Welding Technology II)

State: 13207A002

Two year program

Instructor: Mr. David Koleson

6 credits

Okaw morning sessions begin at 9:00 a.m. and end 11:20 a.m.

Dual Credit with Kaskaskia College and Lake Land College is available in certain programs.

All Okaw Area Vocational Center programs incorporate the following 10 traits that form the core of our Work Ethnics curriculum: attendance, character, teamwork, appearance, attitude, productivity, organizational skills, communication, cooperation, and respect.