

CEP (Concurrent Enrollment Program)

Dual Credit courses offered at MHS

AGB235 Introduction to Agriculture Market (ECC course) 3 credits

Reviews the principles of basic economics and consumerism, addresses the movement of the physical commodity through marketing to the consumer, and stresses alternatives available to the producer. Course project is required.

AGB330 Farm Business Management (ECC course) 3 credits

Business and economic principles applied to decision making and problem solving in the management of a farm business, cash flow, partial, enterprise, and whole farm budgeting. Information systems for farm accounting, analysis, and control. Obtaining and managing land, capital, and labor resources. Alternatives for farm business organization and risk management.

AGB336 Agriculture Selling (ECC course) 3 credits

Provides novices with the basics for effective selling presentations: Handling objections, using pitch books, effective utilization of features and benefits, and asking for the order.

AGS113 Survey of the Animal Industry 3 credits

Processes and principals involved in animal production and management (an introduction to livestock enterprises and related industries).

EDU160 Human Growth and Development 3 credits

Examines physical, social, and cognitive development from conception to death, utilizing current research.

MAT110 Math for Liberal Arts 3 credits

An exploration of critical thinking, problem solving and decision making based on the study of various fields of mathematics. The emphasis is on understanding the usefulness of mathematics in everyday situations.

MAT156 Statistics 3 credits

Descriptive statistics, probability concepts, binomial and normal distribution and introduction to inference.

MAT210 Calculus I 4 credits

Limits, continuity, derivatives, applications, integration.

MAT216 Calculus II 4 credits

Inverses; logarithmic, exponential and trigonometric functions; techniques of integration; infinite series.

PSY111 Introduction to Psychology 3 credits

Basic concepts, methods and principles of the study of behavior and mental processes.

PSY241 Abnormal Psychology 3 credits

Prerequisite: PSY111

History, classification, diagnosis, and treatment of mental illness. Includes discussion of etiology, prevention, and legal/social issues.

PSY251 Social Psychology **3 credits**
Examines theoretical and empirical approaches to understanding the individual as a member of society, including the development of attitudes, social behavior, group processes, motives, attitudes, norms, and the socialization process.

SDV135 Job Seeking Skills **3 credits**
Effective techniques to secure work that matches skills, interests, and goals in a competitive job market

WEL103 Oxy-Acetylene Welding & Brazing **1 credit**
CAREER AND TECHNICAL
Fillet welds and brazing in the flat and horizontal positions. Oxy- Acetylene equipment safety, storage and nomenclature

WEL228 Welding Safety/Health **1 credit**
Career and Technical Credit Type
This course will provide students with orientation to the welding profession and will cover the basics of safety and health within the welding profession

WEL233 Print Read/Sym Inter **3 credits**
Career and Technical Credit Type
Provides instruction in interpreting elements of welding prints (drawings or sketches), focusing on measurement, American Welding Society welding symbols, and fabrication requirements. Students will understand how to prepare, assemble and tack welding parts according to drawings or sketches, using proper materials and tools.

WEL244 GMAW Sh Cir Transfer **3 credits**
Career and Technical Credit Type
Focuses on proper weld safety, machine set up and welding techniques of Gas Metal Arc Welding Short-Circuiting Transfer. Students perform American Welding Society compliant welds on carbon steel, in flat, horizontal, vertical and overhead positions. This course will prepare students to take an AWS welder certification test, which is recommended.

WEL262 OFC-I Manual and Mech **3 credits**
Career and Technical Credit Type
Focuses on proper safety, equipment setup and cutting techniques for manual and mechanized Oxyfuel cutting on carbon steel. Students perform American Welding Society compliant cutting operations in the flat position. The student will also performs scarfing and gouging operations to remove base and weld metal in flat and horizontal positions on carbon steel.

WEL245 GMAW Spray Transfer: SENSE **2 credits**
CAREER AND TECHNICAL
Focuses on proper weld safety, machine setup and welding techniques of Gas Metal Arc Welding Spray Transfer. Students perform American Welding Society compliant welds on carbon steel in flat and horizontal positions. This course will prepare students to take an AWS welder certification test, which is recommended for its successful completion. It aligns with SENSE Level 1 Module 5 Key Indicators 1, 2 and 8-12, as well as Module 2 - Indicator 7, Module 3- Key Indicator 3, and Module 9 – Key Indicator 2.

WEL263 PAC/CAC: SENSE1 **2 credits**
CAREER AND TECHNICAL

Focuses on proper safety, equipment setup and cutting techniques for Plasma and Carbon steel Arc cutting on carbon steel, austenitic stainless steel, and aluminum. Students perform American Welding Society compliant cutting operations in the flat position. The student will also perform scarfing and gouging operations to remove base and weld metal in flat and horizontal positions. This course aligns to SENSE Level 1 Module 8 - Units 3 and 4, as well as Module 2 – Key Indicator 7 and Module 9 – Key Indicator 1.

WEL274 SMAW I: SENSE1

3 credits

CAREER AND TECHNICAL

Focuses on safety, amperage settings, polarity and the proper selection of electrodes for the shielded metal arc welding process. Students will perform American Welding Society compliant welds on carbon steel, using visual and destructive methods for determining weld quality. This course aligns to SENSE Level 1.

WEL280 FCAW Self-Shielded: SENSE1

2 credits

CAREER AND TECHNICAL

Focuses on proper weld safety, machine setup and welding techniques for Flux Cored Arc Welding Self-Shielded. Students perform American Welding Society compliant welds on carbon steel in flat, horizontal, vertical and overhead positions. This course will prepare students to take an AWS welder certification test, which is recommended for its successful completion. It aligns to SENSE Level 1 Module 6 - Key Indicators 1, 2 and 8-12, as well as Module 2 - Key Indicator 7, Module 3- Key Indicator 3, and Module 9 – Key Indicator 2.

WEL281 FCAW Gas-Shielded: SENSE1

2 credits

CAREER AND TECHNICAL

Focuses on proper weld safety, machine setup and welding techniques for Flux Cored Arc Welding (Gas Shielded). Students perform American Welding Society compliant welds on carbon steel in flat, horizontal, vertical and overhead positions. This course will prepare students to take an AWS welder certification test, which is recommended for its successful completion. It aligns to SENSE Level 1, Module 6 - Key Indicators 1-7, as well as Module 2 – Key Indicator 7, Module 3- Key Indicator 3, and Module 9 – Key Indicator 2.

Information about CEP Courses
-- an agreement between MHS and MCC/ECC --

Registering for ECC/MCC credit

All students must register through the high school counseling office. The High School Student Application/Registration Form must be submitted to the ECC/MCC Admission's Office.

Earning credit

A student enrolled in dual credit earns both MHS and MCC/ECC credit. Montezuma Community School District pays for the college credit(s). Take each class seriously, remembering that the grade(s) will be permanently recorded on an official college transcript that follows throughout all college endeavors.

Dropping a class

For a student to drop a college credit class, two drop forms must be completed: one for MHS and one for ECC/MCC. MHS counselors have the ECC/MCC drop slip, which requires the signature of the instructor and the high school counselor. The MHS Counseling Office collects and mails the drop slips to MCC. **The last day to drop 2019-20 courses, through the College, is November 15 (Fall semester) and April 10 (Spring semester).**

Failing a class

The failure of a pupil to complete or otherwise receive credit for an enrolled course requires the pupil to follow the individual procedures of his/her school.

Transferring the credit to another college

A student must request the transfer of credit by submitting a transcript request form to the MCC and/or ECC Registrar's Office (as listed above, the agriculture courses are offered through ECC). **The form is available at the Registrar's Office or online.** Access the MCC request form at <https://mcc.iavalley.edu/resources-for-students/registrars-office/> and the ECC request form at <https://ecc.iavalley.edu/resources-for-students/registrars-office/>. The College charges a minimal \$5 processing fee to send a transcript. The student must pay this fee; Montezuma Community School District does not pay this fee. The transcript may be sent immediately or select 'send at the end of the term' to ensure all grades are posted on the transcript. The MCC Registrar's Office and the ECC Registrar's Office operate independently. If you've taken classes through both, you'll need to contact both offices to request that a transcript be sent from each institution. **As you submit college applications, you need to indicate that you have transfer credits.**