

Dual Credit courses offered at GHS

See more information about classes at <https://collegecatalog.iavalley.edu/>

AGS113 Survey of the Animal Industry

3 credits

Introduces students to various species and breeds of domestic animals and to create an understanding of the principles of food animal production, product marketing and issues confronting the animal industry.

ENG105 Composition I

3 credits

This course is an exploration of writing as a process with attention to audience, purpose, and patterns of exposition. Instruction will also include basic research and documentation skills.

ENG106 Composition II

3 credits

This course extends writing principles learned in ENG105 to research-based argument, analysis, and persuasion. Students will design academic research projects adapted to various audiences and writing tasks.

HCM 100 Sanitation and Safety

2 credits

This course provides the student with a solid foundation in foodservice sanitation and safety. Students are required to pass the state sanitation exam for certification in order to continue in the culinary arts curriculum.

MAT156 Statistics

3 credits

This course provides a foundation of statistical concepts and procedures that can aid the student as both a consumer and producer of statistical information. The course emphasizes descriptive and inferential statistical methods, probability, estimation, hypothesis testing and linear regression. Students are introduced to technology as it applies to introductory statistical methods

MAT765 Welding Mathematics

3 credits

Covers basic algebra as it relates to fundamental equations, ratios and proportions, and percentages. Also covers basic right-angle trigonometry and provides for additional practice in solving stated problems

PHY 106 Survey of Physics

4 credits

An Introduction of the basic concepts of physics. Includes elementary topics from mechanics, properties of matter, heat, sounds, electricity, magnetism, and light. Emphasizes a conceptual understanding of basic principles in the everyday experience.

PSY 111 Introduction to Psychology

3 credits

A survey of the psychological concepts, methods and principles of behavior and mental processes.

SDV 135 Job Seeking Skills

1 credit

An examination of job seeking strategies with emphasis on the written and oral communications necessary to market one's potential. Emphasis on developing effective application correspondence, follow-up correspondence, and interviewing techniques for use in a competitive job market occurs.

WEL228 Introduction to Welding, Safety and Health of Welders: SENSE1 1 credit

This course will provide students with orientation to the welding profession and will cover the basics of safety & health within the welding profession. This course aligns SENSE Level 1, Module 1 and Module 2 - Key Indicators 1-6.

WEL233 Print Reading and Welding Symbol Interpretation: SENSE1 3 credits

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. This course aligns to SENSE Level 1 Module 3: Drawing and Welding Symbol Interpretation, Key Indicators

WEL244 Gas Metal Arc Welding Short Circuit Transfer: SENSE1 2 credits

Focuses on proper weld safety, machine setup 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. This course aligns with SENSE Level 1 Module 5 Key Indicators 1-7.

WEL245 Gas Metal Arc Welding Spray Transfer: SENSE1 2 credits

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.

WEL262 Thermal Cutting Processes 1-Manual and Mechanized OxyFuel Cutting:SENSE 1 2 credits

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 perform scarfing and gouging operations to remove base and weld metal in flat and horizontal positions on carbon steel. This course aligns to SENSE Level 1 Module 8 - Units 1 and 2, as well as Module 2 - Key Indicator 7 and Module 9 - Key Indicator 1.

WEL 263 Thermal Cutting Processes II - Plasma and Carbon Steel Arc: SENSE1 2 credits

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.

WEL 281 - Flux Cored Arc Welding (Gas-Shielded): SENSE1 2 credits

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

Registering for College credit

All students must register through the high school counseling office. The High School Dual Credit Application is located on our website: <https://pawpass.iavalley.edu/ICS/Apply/>

Earning credit

A student enrolled in dual credit earns both GHS and MCC/ECC credit. Grinnell-Newburg 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, they must go through their high school counselor. The GHS Counseling Office will communicate this drop to the college through the Dual Credit Portal. **The last day to withdraw 2026/27 courses, through the College, is October 16th (Trimester 1), January 29th (Trimester 2), and May 7th (Trimester 3).**

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 through the National Student Clearing House by following the this link: [National Student Clearinghouse secure site](#). The College charges a minimal \$7 processing fee to send a transcript. The student must pay this fee; Grinnell High School 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. **As you submit college applications, you need to indicate that you have transfer credits.**