

GLENWOOD COMMUNITY HIGH SCHOOL

Guidelines for Educational Planning

2024-2025



Preparing Future Leaders for Success

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GENERAL INFORMATION

Glenwood Community High School
Glenwood, Iowa

PURPOSE OF THIS BOOKLET

The purpose of this booklet is to acquaint students and parents with the subject offerings of Glenwood Community High School and to provide information that will assist in the appropriate selection of subjects by students at the time of registration. It also includes information on entrance requirements, normal class load, credit value, requirements for graduation, progress reporting, and other topics important to students and parents when planning a program of high school study. Counselors can play an important role in helping students select courses at the time of registration. If parents or students have problems they wish to discuss with the high school counselors, they are invited to arrange an appointment for such discussion by calling the counseling center at 527-4897.

SCHEDULING PROCEDURE

Each student receives a copy of this booklet that should be taken home for discussion and planning by the parents and student. Please pay attention to special notes or prerequisite requirements listed for each class. During their high school career, students have an opportunity to visit individually and in groups with a counselor, department representatives, and administrators.

An Orientation to Registration/Scheduling meeting will be held for each grade of students. At this meeting, the "Guidelines for Educational Planning" guide (this booklet) will be reviewed with special attention paid to graduation requirements, new course offerings, and prerequisite requirements. Again, students are given time to discuss with parents/guardians. Then students will either meet individually or in small groups with the school counselor assigned to them for the following school year to make their selections for classes.

PROCEDURES USED IN DETERMINING GRADE POINT AVERAGE

Grade Symbol	GPA Points	Weighted Course GPA Points
4.0	4.0	5.0
3.5	4.0	5.0
3.0	3.0	4.0
2.5	2.0	3.0
2.0	1.0	2.0
1.0	0	0

- Advanced Placement (AP) courses are the only weighted classes at GCHS.
- Pass-fail courses are not used in determining G.P.A.

STUDENT RECOGNITION

- A. GPA Awards
 - a. Black & Gold – 4.0 and above
 - b. Honor Roll - 3.5 average or better
 - c. Merit Roll - 3.0 - 3.49 average
- B. Distinguished Scholar Award
 - a. Freshmen students are not eligible.
 - b. Two consecutive semesters of 3.5 GPA (The current semester GPA for each semester will be used. Cumulative GPA will not be used.)
 - c. If one semester is missed, then the student will start over obtaining two consecutive semesters of 3.5 GPA.
 - d. If a Distinguished Scholar fails to keep two consecutive semesters of 3.5 GPA but then regains the 3.5 GPA for two consecutive semesters and has been a recipient in the past, the student will advance to the next level on the award scale.

GUIDELINES FOR COURSE SELECTION

As you read this booklet, consider the following:

- Select courses considering your specific needs. In most cases, you will have a well-rounded education if you include a variety of elective courses.
- Challenge yourself and evaluate the courses you should take in relation to your interests, abilities, and past performance.
- Study course descriptions so you will fully understand what the course is about and what will be expected of you as a student.
- Have your counselor and parents help plan your high school program.

NORMAL COURSE LOAD

A credit is awarded upon successful completion of one semester of a normally scheduled course. One credit will be awarded for a class that meets daily for one semester.

9th – 11th Grade Students: Students (9-11) are required to fill seven (7) periods each semester.

12th Grade Students: Seniors will have the following schedule options:

- Carry seven periods each semester.
- All 12th Grade students will be required to attend **five class periods** either in the Glenwood High School building or on campus at Iowa Western. *If a student is attending courses at Iowa Western, one scheduled class period will be scheduled to allow for travel time to Iowa Western.*
- Students enrolled in Concurrent Enrollment courses online through Iowa Western will be required to attend classes all seven periods of the school day. *Students will be enrolled in one period of IWCC Support Seminar for every two online IWCC courses they are enrolled in.* The only way to receive late start/early departure is by enrolling in a course at Iowa Western (not online) or enrolling in Career Transitions.
- Any student dropping Iowa Western Classes or failing to maintain the Career Transitions Job would be required to begin carrying 7 periods each semester at the high school.

Academic Eligibility:

Any student involved in the Glenwood Community High School activity program must meet the following academic requirements in order to be eligible for participation in extracurricular activities:

- 1) The participant must be a full-time student.
- 2) Each participant shall be passing all coursework for which credit is given and shall be making adequate progress toward graduation requirements at the end of each semester.
- 3) If at the end of any semester a student is earning a failing grade in any course for which credit is awarded, he or she is ineligible to compete in the next occurring interscholastic athletic contests and competitions for 30 consecutive calendar days.
- 4) When an incomplete turns into a failing grade, the student will be ineligible for the next 30 consecutive calendar days.
- 5) A student with a disability who has an individualized education program shall not be denied eligibility on the basis of scholarship if the student is making adequate progress, as determined by school officials, towards the goals and objectives on the student's individualized education program.
- 6) The local superintendent of schools, with the approval of the local Board of Education, may give permission to a dropout student to participate in athletics upon return to school if the student is otherwise eligible under these rules.
- 7) Students who were academically ineligible at the end of the school year shall remain ineligible for the first 30 calendar days of their next sport or activity.

GRADUATION REQUIREMENTS

Students must complete each grade level, grade one through twelve, and all the required course work as determined by the State Department of Education and the Glenwood Community School District Board of Education prior to graduation.

It shall be the responsibility of the superintendent to ensure that students complete grades one through twelve and that high school students complete credit requirements (see below) prior to graduation. The following credits will be required:

GRADUATION REQUIREMENTS

1. 48 total credits are required
2. 20 documented hours of service learning
3. CPR Certification

English - 8 credits required	Math - 6 Credits required	Social Studies - 6 credits required
English 9 (2)	Integrated Math I (2)	American History (2)
English 10 (2)	Integrated Math II (2)	Western Civilization (2)
English 11 (2)	Integrated Math III (2)	Behavioral Science (1) [Psych or Soc]
English 12 (2)	Choice (2)	Government (1)
AP Language (2)		AP Government (2) (in place of Government)
AP Literature (2)		
Composition I and II (2)		
Science- 6 Credits required		Additional Requirements:
*Physical Science (2)		*Financial Literacy & Economics (1)
Biology (2)		
*Chemistry, Physics, or Environmental Science (2)		Electives - make up the remaining credits to equal 48 required.

PE –*All students must enroll and participate in physical education one semester each year unless exempt. Students who do qualify for an exemption from physical education must fill their required number of classes with a class. There are no study halls. Excusals from PE need to be parent approved.

SCIENCE -*3rd year science options that count towards core requirements have been updated for class of 2028 (Incoming Freshman).

*For the classes of 25, 26, and 27, who have previously taken other science electives to count towards the 3 year requirement, their credits will be recognized towards graduation core requirements.

****Advanced Science Pathway: Beginning Class of 2028 (Incoming Freshman)**

Biology (1 year)

Chemistry (1 year)

Physics (1 year)

Additional science coursework/electives also available in addition to or beyond 3 years. (AP Chemistry, PLTW Sciences)

Note: Incoming 9th graders would be allowed to skip Physical Science if they take this advanced pathway. *Should students decide to step off this pathway and not take Chemistry, they would need to take first semester Physical Science. Should students decide not to take Physics, they would need to take second semester Physical Science.* Pre-Requisites: 3.5+ in 8th grade math with science teacher recommendation, and strong desire to take an advanced level science pathway in high school. Proficient or Advanced on ISASP.

Financial Literacy and Economics -*Beginning the 2024-2025 school year, Financial Literacy and Economics will be a combined course for 1 credit versus 2 separate courses. *Seniors who have already taken Financial Literacy but not Economics will be excused

from Economics. *Students who have not taken Financial Literacy will need to either take the new course or Financial Literacy.

EARLY GRADUATION:

Seniors are required to take a full year of English 12. This requirement makes obtaining all required credits by the conclusion of the Fall semester of the senior year impossible unless a student would do one of the following:

- A student could take two English courses in the spring of the junior year—a student would complete the second semester of English 11 in the classroom and would begin the second semester of English 12. The student would then enroll in first semester of English 12 during the first semester of their senior year.

***A student could take two English courses in the fall of their senior year—Two options would be available to accomplish this. A student who qualifies could take English 12 and (IWCC) Composition I simultaneously or a student could be taking semester one of English 12 in the classroom and the second semester of English through a school board approved online system, simultaneously.*

Procedures

- A student who plans to graduate early from Glenwood Community High School must have completed a preliminary application procedure on or before November 1 of his/her seventh semester.
- To be considered for early graduation, a student must have successfully completed forty-eight credits. The student's parents/guardians, the assigned counselor and administrator must endorse the petition for early graduation before the request is recognized and approved.

We urge parents and the student to analyze and discuss the possible advantages and disadvantages of early graduation and to arrive at a mutually acceptable plan before making a final decision. School personnel will gladly serve as a resource for responding to questions, providing information, and assisting in the discussion of your concerns; however, the ultimate responsibility for this educational decision must be assumed by the parents and the student.

TRANSCRIPTS

Official transcripts will be sent by the counseling center to schools or agencies upon written request of the student or parent. Students requesting transcripts for themselves will receive an unofficial transcript.

GUIDELINES FOR CREDIT EARNED IN OTHER INSTITUTIONS:

- Students who are presently enrolled at Glenwood Community High School must obtain prior approval from an administrator before beginning a course for credit from another academic institution. Courses that have not been previously approved will not be accepted as credit awarded from Glenwood Community High School.
- Students not enrolled at the Glenwood Community High School but who intend to transfer credit to the Glenwood Community High School must receive approval from an administrator prior to beginning the credit course.
- Credit transferred to Glenwood Community High School by new students from other approved senior high schools will normally be accepted.
- Credits earned in Competent Private Instruction (CPI) are not recognized by Glenwood Community High School and thus students receiving CPI do not earn a diploma. Students receiving CPI are allowed to dual enroll with the district. However, in order to earn a diploma a student would be required to complete all Graduation Requirements approved by the Glenwood Board of Education. Families desiring a district diploma for their children are urged to contact their resident high school administrators during their child's 8th grade year to enroll in their 9th grade year.

COLLEGE INFORMATION

Regent Admission Index (RAI) Score

Students from Iowa high schools must have a Regent Admission Index score of at least 245 and take the minimum number of required high school courses to qualify for **automatic** admission to *Iowa State University*, the *University of Northern Iowa*, or the *University of Iowa*. Students who achieve a score less than 245 will be considered for admission on an individual basis.

The index combines four facts that strongly predict success at regent universities: ACT or SAT test score, high school rank, high school cumulative grade-point average, and the number of completed high school core courses.

How to calculate your RAI:

$$\begin{aligned}
 &2 \times \text{ACT Composite Score (or the SAT Equivalent)} \\
 &\quad + \\
 &\quad 1 \times \text{High School Percentile Rank} \\
 &\quad + \\
 &\quad 20 \times \text{High School GPA} \\
 &\quad + \\
 &5 \times \text{Number of Core Courses Completed} \\
 &\quad \text{by High School Graduation} \\
 &= \\
 &\text{RAI Score}
 \end{aligned}$$

Which core courses count in the RAI?

Below are the courses offered at Glenwood Community High School which count as Core Courses in the RAI Score. Semester courses count as .5. In addition, most classes taken through IWCC, in the Core areas, also qualify.

LANGUAGE ARTS	MATH	SCIENCE	SOCIAL SCIENCE	FOREIGN LANG.
English 9	Integrated Math I	Physical Sci	Am. History 9	Spanish I
English 10	Integrated Math II	Biology	Western Civ.	Spanish II
English 11	Integrated Math III	Environmental Science	Am. Government (.5)	Spanish III
English 12	Trigonometry/ Pre-Calculus	Chemistry	Psychology (.5)	Spanish IV
AP Language	AP Calculus	AP Chemistry	Sociology (.5)	
AP Literature		Physics	Financial Literacy and Economics (.5)	
Comp I / II			AP Government	

These courses are subject to change. High school counselors can help students and parents determine which courses qualify as “college-prep”.

How to calculate your percentile rank?

To calculate your percentile rank, subtract your position in your high school class from the number of students in that class, divide the resulting number by the number of students in your class, and multiply by 100.

For additional information on the Regent Admission Index Calculation, go to the following website:

<http://www.regents.iowa.gov/RAI/index.html>

ADDITIONAL IOWA REGENT REQUIREMENTS

In addition to meeting the Regent Admission Index requirement, students must complete the minimum number of high school courses specified below for the institution to which they're applying.

Subject Area	Iowa State University	The University of Iowa	University of Northern Iowa
English/ Language Arts	Four years of English/Language Arts emphasizing writing, speaking, reading, as well as an understanding and appreciation of literature.	Four years, with an emphasis on the analysis and interpretation of literature, composition, and speech.	Four years, including one year of composition; also may include one year of speech, communication, or journalism.
Math	Three years, including one year each of algebra, geometry, and advanced algebra.	Three years, including two years of algebra and one year of geometry, for admission to the College of Liberal Arts and Sciences. Four years, including two years of algebra, one year of geometry, and one year of higher mathematics (trigonometry, analysis, or calculus), for admission to the College of Engineering.	Three years, including the equivalent of algebra, geometry, and advanced algebra.
Natural Science	Three years, including one year each from any two of the following: biology, chemistry, and physics.	Three years, including one year each from any two of the following: biology, chemistry, and physics for admission to the College of Liberal Arts and Sciences. Three years, including at least one year of chemistry and one year of physics, for admission to the College of Engineering.	Three years, including courses in general science, biology, chemistry, earth science, or physics; laboratory experience highly recommended.
Social Science	Two years for admission to the Colleges of Agriculture, Business, Design, Human Sciences, and Engineering. Three years for admission to the College of Liberal Arts and Sciences.	Three years, with U.S. history and world history recommended for admission to the College of Liberal Arts and Sciences. Two years, with U.S. history and world history recommended, for admission to the College of Engineering.	Three years, including courses in anthropology, economics, geography, government, history, psychology, or sociology.
Foreign Language	Two years of a single foreign language for admission to the College of Liberal Arts and Sciences and the College of Engineering. Foreign language courses are not required for admission to the Colleges of Agriculture, Business, Design, or Human Sciences.	Two years of a single foreign language.	Foreign language courses are not required for admission. However, two years of a foreign language in high school with a C- or above in the last term will meet the university graduation requirement.
Other Courses	Specific elective courses are not required for admission to Iowa State University.	Specific elective courses are not required for admission to The University of Iowa.	Two years of additional courses from the required subject areas, foreign languages, or fine arts.

Every college/university program is unique. It is crucial that during the college search process, the student research the entrance requirements for their desired choice(s).

SCHOLARSHIPS

Scholarships are financial awards made in recognition of superior ability and achievement. Financial need of the applicant is often an important factor. Many awards are made on the basis of high ratings on the ACT or SAT in addition to an excellent record in high school. Achievement in extracurricular activities is also considered as colleges are looking for well-rounded individuals. Special activities such as music or drama may require auditions.

Students interested in scholarships should learn the requirements early in their high school careers. Many applications must be completed early in their senior year. The counseling center and the High School Webpage have a scholarship file listing scholarships that should be of importance to many Glenwood Community High School seniors.

Juniors are encouraged to take the PSAT/NMSQT (Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test). Taking this test is the first step necessary for juniors to enter the scholarship programs administered by the National Merit Scholarship Corporation. Whether selected as a semi-finalist or not, each participating student receives information in regard to his/her educational development. In addition to learning about strengths and weaknesses in the areas measured by the examination, the student gains valuable information about his/her probable chances for success in college. It is also an excellent warm-up test in which to gain experience in taking rigorous standardized tests prior to taking the college admissions tests--ACT (American College Test) and SAT (Scholastic Aptitude Test).

MAJOR FINANCIAL AID PROGRAMS

Federal Financial Aid Program: (Students must apply for these programs and in most cases must show "need" which means that projected family contributions will not meet projected college expenses.)

- Pell Grants: These grants make funds available to eligible students attending approved post-high school institutions. The amount varies each year. Grants do not have to be repaid. See your counselor for proper forms to file.
- Supplemental Educational Opportunity Grants (SEOG): For students with exceptional need. The amount varies each year.
- Stafford Loan (formerly the Guaranteed Student Loans Program-GSLP): Students can borrow directly from lenders to finance their education. The amount varies each year. In Iowa, Stafford loans are guaranteed by the state. The interest rate is 8% and a 5% origination fee. Payment begins six months after you graduate or leave school. A repayment plan is available for qualified enlisted personnel in the Iowa National Guard.
- Perkins Loans: Loan limitations vary each year. Repayment begins nine months after the student graduates or leaves school, with ten years to pay. Interest is 5% of the unpaid balance.
- Plus/SLS Loan Program: Parents may borrow the amount difference between cost of attendance and other financial aid per year per undergraduate dependent. The rate is variable depending on current market conditions with repayment of interest and principal to start in 60 days.
- College Work Study (CWS): Students with financial need may apply through their school financial aid officer for jobs funded by federal money.

IOWA FINANCIAL AID PROGRAMS

- Iowa Tuition Grants: This program is designed to give students the option of attending Iowa private colleges and universities. The grant amount varies each year. Students must enroll in an eligible school and file either the F.A.F. or F.F.S. after October 1. Students who submit forms after March will be considered only if funds are still available.
- Iowa Vocational-Technical Tuition Grant Program: A need-based program for Iowa residents enrolled in career education (voc-tech) courses at the public area schools. Grant amounts vary each year. Students must enroll in an eligible school and must file the F.A.F.S.A. after October 1 and before March 1. Students who submit forms after March 1 will be considered if funds are available.
- Students need to stay in contact with the counseling department to gather information on other grants and scholarships available to students.

GLENWOOD COMMUNITY HIGH SCHOOL TESTING/CAREER PLANNING PROGRAM

The voluntary testing program and career planning program at Glenwood Community High School is offered to students to provide them with information about their skills, abilities, and interests. This information is a valuable tool, which can assist a student, the parents, and counselor in making educational and occupational plans for the future. The following is a summary of information on specific tests available throughout the present school year at Glenwood Community High School. Information on other pertinent tests is also included. An annual calendar is available at the high school.

- **Individual Career and Academic Plan**

Each student, in grades 8-12, is required to maintain an Individual Career and Academic Plan (ICAP). Each year, each student will complete activities in the following areas: Self-understanding, Career Information, Career Exploration, Post-Secondary Exploration, and Career and Post-Secondary Decision Making. Historically, these activities have been conducted using the platform “Xello”.

- **PreACT for Sophomores**

The PreACT, administered in grade 10, predicts the student performance on the ACT and can be used as an indicator of college and career readiness. Reports include data to help teachers and counselors target interventions, inform classroom instruction, and guide students in course selection.

- **ASVAB (Armed Services Vocational Aptitude Battery) for Sophomores, Juniors, and Seniors**

<http://www.military.com/ASVAB>

Place: Glenwood Community High School

Registration: GCHS Counseling Center

The ASVAB is a must for any student considering future enlistment into the military. However, this exam may be taken by any student who simply would like information on their aptitude in the skill areas measured by this test. Taking the exam DOES NOT obligate students in any way. The ASVAB measures verbal, analytic, clerical, mechanical, and technical skills and is used by the Armed Services for recruiting and placement purposes.

- **PSAT/NMSQT (Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test) for Juniors**

<http://www.collegeboard.com/student/testing/psat/about.html>

Test Date: October each year

Place: Glenwood Community High School

Registration: GCHS Counseling Center

The PSAT is recommended for all high school juniors who are planning on going to college. Juniors taking the test will be entered in the competition for scholarships awarded through the National Merit Scholarship Program. The test measures verbal and mathematical aptitudes, two abilities important in doing college work. Students taking this exam will also get valuable experience in taking college entrance exams such as the ACT or SAT.

- **ACT (American College Testing Program) for Juniors & Seniors**

<http://www.actstudent.org>

September, October, December, February, April, June, July

Registration: www.actstudent.org

Deadline for registration: Varies by test date (fee)

The ACT exam is recommended for college-bound juniors. The ACT measures ability in science, reasoning, English, math and reading. It also provides students with information on educational and occupational interests and is helpful in making future plans.

- SAT (Scholastic Aptitude Test) for Juniors and Seniors

<http://www.collegeboard.com>

Registration: www.collegeboard.org

Deadline for registration: Varies by test date (fee)

Many private universities in and out of Iowa and some state universities out of state require the SAT. Students who will be applying to universities that require the SAT should take this exam in the spring of their junior year or fall of their senior year. The test measures verbal ability and mathematical problem solving abilities.

- CLEP (College Level Examination) for Seniors

<http://www.collegeboard.com/student/testing/clep/about.html>

CLEP examinations are arranged through colleges, which use them for credit by examination, and sometimes for placement.

Policy on use of CLEP exams varies with each university.

It is the policy of Glenwood Community School District not to discriminate on the basis of race, color, national origin, sex, disability, religion, creed, age (for employment), marital status (for programs), sexual orientation, gender identity, and socioeconomic status (for programs) in its educational programs and its employment practices. There is a grievance procedure for processing complaints of discrimination. If you have questions or a grievance related to this policy please contact Cindy Menendez, Equity Coordinator, 103 Central Street, Ste 300, Glenwood, IA 51534, (712) 527-9034 or gcsdequitycoordinator@glenwoodschoools.org

COURSE DESCRIPTIONS

AGRICULTURAL EDUCATION

Glenwood Agricultural Department Mission Statement

The mission of the Glenwood Community High School Agricultural Program is to help students explore the agricultural fields and prepare students to go into the field of Agriculture. Students will be informed of the role Agriculture plays in the world pertaining to food, fiber, fuel, and natural resources. Agricultural programs have three components that students are involved in:

Classroom/laboratory, SAE, and FFA. Students will learn main outcomes and components within the lab and classroom while Supervised Agricultural Experience provides record keeping for student projects. Students will take their competencies learned within the classroom to showcase their knowledge through Career Development Events and competitions within the FFA Organization. The SAE and FFA components allow students real world application from what they learned in the classroom setting.

CASE (Curriculum for Agricultural Science Education) has been adopted as updated curriculum. The current instructor is trained to teach courses for AFNR (Agriculture, Food, and Natural Resources), Plant Science, and Animal Science.

Introduction to AFNR (Agriculture, Food, and Natural Resources) – Two Semesters – Two Credits

The major purpose of the Introduction to Agriculture, Food and Natural Resources (AFNR) course is to introduce students to the world of agriculture, the pathways they may pursue, and the science, mathematics, reading and writing components they will apply.

The course is structured to enable all students to have a variety of experiences that will provide an overview of the fields of agricultural science and natural resources so that students may continue through a sequence of courses through high school. The knowledge and skills students develop will be used in future courses within the Agriculture program.

Students will investigate, experiment, and learn about documenting a project, solving problems and communicating their solutions to their peers and members of the professional community. There are many hands-on laboratory settings to enforce learning cycle!

The Introduction to Agriculture, Food, and Natural Resources course includes:

- Agricultural Education – Agriculture, FFA, and SAE Projects
- Leadership and Team building skills
- Science Processes through laboratory hands-on setting
- Natural resources: soil, water quality, pollution and contamination
- Plants and Animals: basic care and background
- Agricultural Mechanics: renewable resources, Global positioning in Ag fields

Woven throughout the course are activities to develop and improve employability skills of students through practical applications. Students will explore career and post secondary opportunities in each area of the course.

Principles of Agricultural Science-Animal Course-Two semesters-Two credits

The major focus of the Principles of Agricultural Science – Animal (ASA) course is to expose students to the world of agriculture, animal science, and career options.

Students participating in the ASA course will have experiences in various animal science concepts with exciting hands-on activities, projects, and problems. Dissection of animal uterus and reproductive tracts is done during this class.

This course is focusing on animal care and management. Have you ever wondered why sheep have their tails docked (portion cut off) in the production world? Have you ever questioned why animals respond to stimuli such as kicking you when you are around them? Come learn about animal care and management while applying basic techniques to the animals you care for!

Students will build a Producer's Management Guide throughout the entire course centered around animal species they want to know about specifically in each section of study.

The ASA course of study includes:

- Animal Welfare and Animal Rights (how to take care of animals humanely)
- Anatomy and Physiology
- Animal Behavior (Why animals react the way they do, what they learn and how they are trained)
- Nutrition (what to feed your animal when they are newborns, young, older)
- Reproduction (mating systems, natural vs. artificial insemination)
- Genetics
- Animal Health (signs and symptoms, treatments, how to make them better)
- Animal Selection

Principles of Agricultural Science – Plant Course - Two Semesters – Two Credits

The course is structured to enable all students to have a variety of experiences that will provide an overview of the field of agricultural science with a foundation in plant science so that students may continue through a sequence of courses through high school. Students will work in teams, exploring hands-on projects and activities, to learn the characteristics of plant science and work on major projects and problems similar to those that plant science specialists, such as horticulturalists, agronomists, greenhouse and nursery managers and producers, and plant research specialists face in their respective careers.

Students will build hydroponics systems, grow plants to manage at different growth stages, create more plants based on asexual processes such as grafting or cuttings, as well as work on a Grower's Handbook centering on plants they wish to know more about in each of the areas of study.

Principles of Agricultural Science—Plant areas of study include:

- Soils
- Anatomy and Physiology
- Taxonomy
- Growing Environment
- Reproduction
- Pest and Disease Management
- Crop Production and Marketing

Horticulture – One Semester – One Credit

Students will learn about plant science, plant propagation, landscaping and design, turf grass management and care, hydroponics, and vegetable production. Students will get "hands-on" skills that can be used in everyday life. Landscape designs and potential landscaping in the community for volunteers are possible projects after or while taking the class.

If you like to work in flower beds, design landscapes, grow plants for garden or flower arrangements or have interest in floral design this would be a course for you!

Advanced Agriculture I – One or Two Semesters – One or Two Credits

For those that have a strong connection to the Agricultural Industry, this course will help expand on the concepts learned in other Agricultural Education courses. This course is designed for students who are interested in learning more of the advanced concepts in different agricultural areas. Advanced animal science concepts that are taught include: job preparation and communication/leadership skills, animal health and diseases, animal evaluation, growth and development as well as animal systems. Food production and processing will be a highlight as well as understanding meat cuts and grades from the slaughter process, best management practice for natural resources, and conservation techniques for the agronomy industry. Integrated Pest Management is a key skill set to focus on how to take care of pests and how to classify those pests.

This course will focus on project based learning techniques for students to build around areas linking directly to real world everyday uses. Students work in the elementary and middle school presenting Ag related lessons to younger kids!

Introduction to Veterinary Science - One semester – One Credit

Students will build a foundation for medical terminology; focus on animal systems of different species that we take care of on our farms, in zoos and wildlife sanctuaries, and pets that live in our homes. Understanding animal care and health while knowing differences in types of diseases will be important for students as they learn treatment of diseases and prevention methods used for different animal species.

ART EDUCATION

Fundamentals of Art – One Semester – One Credit

This class is for the beginning art student. Students will develop an understanding of the elements and principles of design. This basic understanding will be the foundation of learning for all art classes. Students will use a variety of media and will include 3-D projects. Art history exemplars will be studied and art styles explored. Students will gain color usage skills, become familiar with various artists and art periods as well as develop technical skills with a variety of media. Students will become more aware of art, developing an appreciation and an understanding of its many influences in life.

Visual Arts 2 – Two Semesters – Two Credits

PREREQUISITE: Fundamentals of Art.

Students will create original compositions using the elements and principles of design. They will further their knowledge in 2 and 3 dimensional media by expanding previous knowledge gained from Fundamentals of Art. This studio-based art class will build on drawing skills with greater emphasis on handling materials, exploration of technique, organization of composition and further development of artistic awareness. Students will study artists and their work done throughout history. This will include but is not limited to graphite, charcoal, pen and ink, prismacolor, china marker and oil pastel.

Visual Arts 3 – Two Semesters – Two Credits

PREREQUISITE: Visual Arts 2

This class allows students to build on concepts learned in Visual Arts II to further explore 2-D and other media. Design and composition skills will be broadened. Students will incorporate knowledge of elements and principles of design to create finished works. This course is designed towards developing a student's own style incorporating a variety of media and skills, techniques, and processes suited to that purpose. This will include but is not limited to tempera, watercolor, and acrylic painting.

Studio Art-Two Semesters-Two Credits

PREREQUISITE: Visual Arts 3

This course is intended for students who are seriously interested in the practical experience of art. Individualized instruction will allow students to build on prior knowledge in order to refine and enhance their design skills. Students will create a body of work, which demonstrates advanced skills focused on the study of their chosen medium (s). Students will also increase their ability to make critical judgments of their art as well as the art of others. The expectations are high for this class. Students must be serious and ready for a work intensive class geared towards preparing students for higher-level education in the field of Art. Students will be required to write an artist statement, complete weekly sketchbook assignments, help plan a chosen area of study, enter contests to show work, prepare a portfolio of work ready for review in order to be considered for scholarships or college level entry. Ongoing review with the instructor in addition to self-critiques will guide student work.

Ceramics – One Semester – One Credit

PREREQUISITE: Fundamentals of Art.

Students will create original compositions using the elements and principles of design when using clay. They will further their knowledge of 3 dimensional media by expanding previous knowledge gained from Fundamentals of Art. This will include but is not limited to hand building, glazing, firing techniques, and wheel throwing. Students will work with clay through open-ended problems that require individual problem solving.

Advanced Art-One Semester-One Credit

PREREQUISITE: Successful completion of Fundamentals of Art and Visual Arts II or Ceramics and must have written approval from the teacher.

This course is designed for students who show strong interest and talent in a specific visual art area. This would be classes such as Advanced Ceramics, Advanced Sculpture, Advanced drawing, or Advanced Painting. Students are expected to present their own personal point of view while creating unique works for portfolios and exhibitions. Students are required to maintain a working sketchbook/journal in addition to their class work. Students will enter their work in competitions and exhibitions. Individualized studies of special interest are encouraged. Students will work on advanced art skills in their area of specialization. Students will be required to recognize works and artists from different periods and styles, communicate ideas about works of art through writing /speaking, submit a writing piece suitable for inclusion in their writing portfolio, study styles of art through slides and videos, and create projects that illustrate these styles in order to earn credit for this course.

Sculpture – One Semester - One Credit

PREREQUISITE: Successful completion of Fundamentals of art and Ceramics and must have written approval from the teacher.

Students will create original compositions using the elements and principles of design when using different sculpting materials. They will further their knowledge of 3-dimensional media by expanding previous knowledge gained from Fundamentals of Art. This will include but is not limited to sculpting, casting, carving, modeling, molding, assemblage, additive and subtractive processes. Art history exemplars will be studied, and art styles explored. Students will gain color usages skills, become familiar with various artists and art periods, and develop technical skills with a variety of media. Students will become more aware of the nature and art as its many influences in life.

BUSINESS

Accounting I – One Semester – One Credit

This is a one semester course designed for the student who is or may be interested in pursuing a business degree in the future. While the course does deal with the preparation of various records for any service or merchandising business, as well as partnerships, this is a course designed for any student who has aspirations of attending college so as to develop future study habits. The students shall learn how to manually prepare financial statements in an organized manner, using basic accounting principles, identifying and using proper accounting terminology, the accounting equation as well as the accounting cycle. Students shall also use various forms of Internet browsing to view financial information of large companies as well as individualized business and government balance sheets and spending clocks.

Accounting II – One Semester – One Credit

PREREQUISITE: Successful completion of Accounting I

This one semester class shall be a continuation that is more in depth than Accounting I. Among things discussed and portrayed in this class are the majority of financial statements for a proprietorship, partnerships, and corporations. The students will complete these documents both manually and via computer input. Special attention shall be made to adjusting and closing entries, worksheets for a business, and the keeping of special journals as well as implementation into their corresponding ledgers. The students shall also gain an understanding of the application of depreciation, as well as working with uncollectible accounts, interest and compound interest. Students shall also be able to determine the net income/loss of a business by the comparison of revenue in regard to expenses.

Marketing I– One Semester – One Credit

This is a one semester course that is designed for students to learn the psychology of buying and selling goods and services. Students shall prepare documentation of their learning from the production phase to advertising to selling and all the indirect marketing opportunities afforded them within a business at the conclusion of their post secondary careers. Designed for those students who may consider themselves to be looking for a business choice in their extended learning or as a career, these students shall learn the art of effective communication to a specific market segment in which they shall do a hands on learning experience in the practice of promotion.

Entrepreneurship– One Semester – One Credit

PREREQUISITE: Successful completion of Marketing I, Grade 10 or above

This is a one semester course that is a continuation of Marketing I, where students will apply prior knowledge to authentic learning projects and business plan development. Students will collaborate with peers and community members to complete authentic learning projects, by exploring and formulating solutions to real-world problems. They will learn the process and inner workings, as well as create a business plan that will be presented to an analyst panel for approval at the conclusion of the semester. Students will be involved in planning, decision-making, and running of school businesses. This offering is appropriate for students with high self-accountability, discipline and a strong desire to grow their business professionalism.

COMPUTER SCIENCE

PLTW Computer Science empowers students in grades 9-12 to become creators, instead of merely consumers, of the technology all around them. The program engages students in real-world activities like creating an online art portal and using automation to process and analyze DNA-sequence data. These projects and problems engage students in computational thinking, challenge them to think big, and help illustrate how intricately computer science is woven into our society.

As students work together to design solutions, they learn computational thinking – not just how to code – and transform themselves into builders of tech. The programs' courses empower students with in-demand knowledge and skills they will use in high school and for the rest of their lives, on any career path they take.

PLTW Computer Science Essentials (CSE) – Two Semesters– Two Credits

With emphasis on computational thinking and collaboration, this year-long course provides an excellent entry point for students to begin or continue the PLTW Computer Science PreK-12 experience. Computer Science Essentials will expose students to a diverse set of computational thinking concepts, fundamentals, and tools, allowing them to gain understanding and build confidence.

In Computer Science Essentials, students will use visual, block-based programming and seamlessly transition to text-based programming with languages such as Python to create apps and develop websites and learn how to make computers work together to put their design into practice. They'll apply computational thinking practices, build their vocabulary, and collaborate just as computing professionals do to create products that address topics and problems important to them.

Computer Science Essentials helps students create a strong foundation to advance to Computer Science Principles, Computer Science A, and beyond.

PLTW Computer Science Principles (CSP) – Two Semesters– Two Credits

PREREQUISITE: Successful Completion of Computer Science Essentials

Using Python® as a primary tool, students learn the fundamentals of coding, data processing, data security, and task automation, while learning to contribute to an inclusive, safe, and ethical computing culture. The course promotes computational thinking and coding fundamentals and introduces computational tools that foster creativity. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation.

PLTW Computer Science A (CSA) – Two Semesters– Two Credits

PREREQUISITE: Successful Completion of Computer Science Principles

Throughout the Computer Science A course experience, students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language.

Sports Digital Media Design Fundamentals– One Semester – One Credit

The Sports Digital Media Design Fundamentals course is designed to equip students with a comprehensive foundation in sports business, technology integration, content creation, and marketing strategies within the context of the evolving sports industry. Through a dynamic exploration of sports-related concepts and modern technological tools, this one-semester course aims to empower students with the skills and knowledge necessary to excel in the intersection of sports, business, and digital media.

Advanced Sports Digital Media Design– One Semester – One Credit

PREREQUISITE: Successful Completion of Fundamentals of Sports Digital Media Design.

The Advanced Sports Digital Media Design course builds on fundamentals to provide students with specialized skills in multimedia content creation, emerging technologies, marketing promotions, and strategic planning for the sports industry.

Media Technology Independent Study –One or Two Semesters –One or Two Credits

PREREQUISITE: Successful Completion of Advanced Sports Digital Media Design

Students will be creating graphics for the district for the video board, social media, and promotion of our district as a whole. Prior to taking the independent study, the student and teacher would meet to agree upon a plan for the independent study (area of focus and products). This would be for pass/fail credit.

FAMILY AND CONSUMER SCIENCES

Fashion – One Semester – One Credit

This course introduces students to the world of fashion. Students will learn about the elements and principles of design, fabrics and textiles, and a brief history of fashion. We will explore the fashion industry, learning about designers, careers, the design, development, and construction of textile products.

Interior Design – One Semester – One Credit

Interior Design & Housing is designed to provide students with the basic knowledge and skills necessary to select, acquire, maintain and manage living environments that meet the needs for both independent and family living. Specific areas of study include: elements and principles of design, architectural styles, exterior and interior construction, and designing spaces within the home.

Culinary 1 – One Semester – One Credit

Culinary 1 is a course which exposes students to culinary basics and principles. This course includes classroom and laboratory experiences needed to develop a knowledge and understanding of culinary principles and nutrition for people of all ages. Students will leave with an understanding of today's food and eating trends and learning to evaluate nutritional information to make informed decisions about food choices

Culinary 2 – One Semester – One Credit

PREREQUISITE: Successful completion of Culinary 1 – Grade 10-12

Students will analyze the fundamental knowledge and skills of commercial food preparation and baking skills. Students will apply culinary knowledge and skills through hands-on experiences in the food labs. The "Culinary 1" course is a prerequisite course that provides knowledge and skills of nutrition, basic measuring and cooking techniques that will be further expanded in the Culinary 3 course. Students will have the opportunity to earn "Servsafe Food Handler" certification that will qualify students for jobs in the food industry.

Culinary 3 – One Semester – One Credit

PREREQUISITE: Successful completion of Culinary 1 & 2 and instructor approval through application process

Students will discover how to manage and lead within the food service industry through a Glenwood Community High School restaurant and hospitality business experiences. Students will apply knowledge and skills from the Culinary 2 course and will further develop intermediate techniques of food preparation, production, baking skills and business skills. Students will develop service industry skills such as customer service skills, management skills, building strong leadership and teamwork skills for the fast growing field of hospitality and restaurant service. Students will have the opportunity to earn "Servsafe Manager" certification that will qualify students for higher wage jobs in the industry.

Global Foods - One Semester – One Credit

Students will explore different cuisines around the world by preparing foods from various countries and regions. They will discover the different cultures of food, including historical, familial, ethnic, regional and more. This course will build on basic cooking skills and explore the role that food plays around the world.

Child Development – One Semester – One Credit

PREREQUISITE: Grade 10-12.

This course is designed to provide the student with an introduction to parenting and the development of children beginning with the prenatal stage through the preschool years. Students will study the physical, intellectual, social, and emotional development of the child. We will explore various roles and techniques for working with children.

FINANCIAL LITERACY & ECONOMICS

Financial Literacy and Economics –One Credit

PREREQUISITE: Grades 11-12, Class required for graduation. This course combines the learning and graduation requirements of the previously taught separate courses of financial literacy and economics.

This class will help students to understand the basics of money management, and use financial resources appropriately to function well in society at a personal, professional, business and community level. Students will also examine supply and demand, government spending and economic decision making. Students will explore how these concepts affect their own lives.

*Note - *Beginning the 2024-2025 school year, Financial Literacy and Economics will be a combined course for 1 credit versus 2 separate courses. *Seniors who have already taken Financial Literacy but not Economics will be excused from Economics. *Students who have not taken Financial Literacy will need to either take the new course or Financial Literacy online.*

FOREIGN LANGUAGE

Spanish I – Two Semesters – Two Credits

Spanish I introduces the student to learning a foreign language. The student will begin to understand, speak, read, and write Spanish, and will also gain some insight into Hispanic cultures. Much of the time in the classroom is spent learning to communicate in Spanish through stories. Students will learn the sound system of the Spanish language, high-frequency vocabulary words, the present tense of regular and irregular verbs, formation of original sentences in Spanish expressed orally and in writing, and communication in spoken and written Spanish at an elementary level.

Spanish II – Two Semesters – Two Credits

PREREQUISITE: Successful completion of Spanish I and/or approval of instructor

Spanish II students will increase proficiency in understanding, speaking, reading, and writing in Spanish. There are more opportunities for spontaneous self-expression. Growth in vocabulary and sentence structure continues.

Spanish III – Two Semesters – Two Credits

PREREQUISITE: Successful completion of Spanish II and/or approval of instructor

In Spanish III, students will continue developing proficiency in understanding spoken Spanish, and in speaking, reading, and writing Spanish. The topics of Spanish I and II are continued with more emphasis on conversation and ability to communicate orally in Spanish. Students continue to develop their ability to express themselves in writing. At this point, the student has acquired the tools to express ideas in Spanish, but it will take a great deal more practice before fluency is acquired.

Spanish IV – Two Semesters – Two Credits

PREREQUISITE: Successful completion of Spanish III or approval of instructor

Upon successful completion of both semesters of this course, students should be able to communicate in elementary fashion in the Spanish language: follow a conversation, read written narratives from authentic sources, write a short paragraph, and speak in complex sentences. They should be able to use basic elements of grammar in complete spoken and written sentences. They should be able to read and comprehend short chapter books in Spanish.

HEALTH

Health I – One Semester – One Credit

Students are required to learn about selected topics that include decision making, goal setting, personality, nutrition, physical fitness, mental and emotional health, diseases, and drug abuse and misuse. In-class assignments, special projects, reports, and unit tests determine grading for each unit. The student will gain knowledge about a wide variety of health topics and learn how to make healthy choices.

Health II – One Semester – One Credit

Students are required to learn about selected topics that include developing healthy and safe relationships, personal care and body systems, growth and development, and safety and environmental health. In-class assignments, special projects, research, and unit tests determine grading for each unit. The student will gain knowledge about a wide variety of health topics and learn how to make healthy choices.

INDUSTRIAL TECHNOLOGY

Industrial Arts – One Semester – One Credit

Students enrolled in Industrial Arts will explore basic mechanical drafting and the safe operation of hand and power woodworking tools to complete a small woodworking project. Students will also have an understanding of career opportunities in related fields. Students will be required to purchase materials for their projects. This is a prerequisite for Wood Production and Welding.

Wood Production – One Semester – One Credit

PREREQUISITE: Industrial Arts, grades 9-12

Wood Production is an introductory hands-on course; students will be required to build two small projects. Students will gain basic experience in the following areas: wood production careers, planning and design, material selection, bill of materials, tool and machine usage, wood finishing materials, and hands-on project construction. Students will be introduced to graphic arts and laser engraving processes. Students will be required to purchase materials for their projects.

Woodworking – One Semester – One Credit

PREREQUISITE: Wood Production, grades 10-12

Woodworking is a hands-on course. Students will be required to construct one large project or multiple smaller projects. Students will gain experience in the following areas: shop safety, shop machine terminology, wood production careers, planning and design, material selection, bill of materials, tool and machine usage, wood finishing materials, and hands-on project construction. Students will be required to purchase materials for their projects.

Intro to Welding – One Semester – One Credit

PREREQUISITE: Ind. Arts or instructor approval.

Intro to Welding is an introductory hands-on course in which the students will develop skills in welding. They will study and gain experience and skills in the following areas: arc, TIG, MIG, and oxyfuel and plasma arc cutting. An emphasis will be placed on welding shop safety as well as equipment maintenance. Students will need to wear safe clothing for the welding shop.

PROJECT LEAD THE WAY: ENGINEERING

PLTW Engineering Essentials (EE) – Two Semesters – Two Credits

Engineering Essentials will offer a multidisciplinary approach to teaching and learning foundational concepts of engineering practice, providing students opportunities to explore the breadth of engineering career opportunities and experiences, and solve engaging and challenging real-world problems through engineering essentials. By inspiring and empowering students with an understanding of engineering and career opportunities, Engineering Essentials will broaden participation in engineering education and the engineering profession.

PLTW Introduction to Engineering Design (IED) – Two Semesters – Two Credits

PREREQUISITE: Successful completion of Engineering Essentials and Integrated Math I

Through both individual and collaborative team activities, projects, and problems, students apply systems thinking and consider various aspects of engineering design including material selection, human-centered design, manufacturability, assemblability and sustainability. Students develop skills in technical representation and documentation especially through 3D computer modeling using a Computer Aided Design (CAD) application. As part of the design process, students produce precise 3D-printed engineering prototypes using an additive manufacturing process. Student-developed testing protocols drive decision-making and iterative design improvements.

PLTW Principles of Engineering (POE) – Two semesters – Two Credits

PREREQUISITE: Successful Completion of Introduction to Engineering Design and Integrated Math II.

This introductory course explores the wide variety of careers in engineering and technology and covers various technology systems and manufacturing processes. Using activities, projects, and problems, students learn firsthand how engineers and technicians use math, science, and technology in an engineering problem-solving process to benefit people. The course also addresses concerns about social and political consequences of technological change.

PLTW Civil Engineering and Architecture (CEA) Two semesters – Two Credits

PREREQUISITE: Introduction to Engineering Design & Principles of Engineering

This specialization course provides an overview of the fields of civil engineering and architecture while emphasizing the interrelationship and dependence of both fields on each other. Students use state of the art software to solve real world problems and communicate solutions to hands-on projects and activities. This course covers topics such as: the roles of civil engineers and architects, site planning, building design, and project documentation and presentation.

LANGUAGE ARTS

English 9– Two Semesters – Two Credits

PREREQUISITE: Classes required for graduation

English 9 is a yearlong course for two credits; designed for students to read a variety of culturally diverse works of different genres that are appropriate for their grade/maturity level and skill-set that they will complete in a given amount of time. Students will communicate the texts' relevancy to self, others, and the world, and they will write for a variety of audiences and purposes. Students will work on different reading skills such as: figurative language, text structure, and rhetoric. The program we use in class, StudySync, allows for students to have differentiated instruction and leveling complexity to meet the needs of students.

English 10– Two Semesters – Two Credits

PREREQUISITE: Classes required for graduation; English 9 must be passed before English 10 can be taken

English 10 is a yearlong course for two credits; designed for students to read a variety of culturally diverse works of different genres that are appropriate for their grade/maturity level and skill-set that they will complete in a given amount of time. Students will communicate the texts' relevancy to self, others, and the world, and they will write for a variety of audiences and purposes. Students will work on different reading skills such as: figurative language, text structure, and rhetoric. The program we use in class, StudySync, allows for students to have differentiated instruction and leveling complexity to meet the needs of students.

English 11 – Two Semesters – Two Credits

PREREQUISITE: Classes required for graduation; English 10 must be passed before English 11 can be taken

English 11 is a yearlong course for two credits; designed to further develop the student's ability to read a variety of culturally diverse works that are appropriate for their maturity level and skill-set that they will complete in a given amount of time. Students will communicate the texts' relevancy to self, others, and the world, and they will write for a variety of audiences and purposes. Students will continue to develop their understanding of skills such as symbolism, style, and beginning stages of critical analysis.

English 12 - Two Semesters - Two Credits

PREREQUISITE: Classes required for graduation; English 11 must be passed before English 12 can be taken

English 12 is a yearlong course for two credits; designed to further develop students' abilities to read various culturally diverse texts that are appropriate for their maturity level and skill set. English 12 includes the additional focus of preparing Seniors to enter one of the following paths: The workforce, trade programs, or post-secondary education. Students will continue to develop ideas behind major themes including freedom, nature, and shared life experiences which motivates their continued development of critical analysis skills in reading and writing. Students will communicate the texts' relevancy to self, others, and the world, and they will write for a variety of audiences and purposes.

Advanced Placement Literature and Composition - Two Semesters – Two Credits

PREREQUISITE: Grade 11 & student has successfully completed required English coursework. Completion of summer reading and writing assignments required as a prerequisite of this course.

This is a full year course that will engage students in close reading and analyzing imaginative literature. AP Literature and Composition includes an intensive study of literature from various genres and time periods from the 1600s to present. Students will deepen their understanding of literature through close reading of selected texts to determine how writers use language, style, structure, themes, tones, symbolism, and other literary devices. In addition to reading, students will be writing informally (journals, reader responses, annotations, TP-CASTTs, and major works data sheets) and formally (expository, analytical, argumentative, and extended analysis essays and timed writing prompts) enabling them to discover how they think about their reading. Students taking this course are encouraged to take the College Board's Advanced Placement Literature and Composition exam.

Advanced Placement Language and Composition - Two Semesters - Two Credits

PREREQUISITE: Successful completion of English 9 and English 10. Completion of summer reading and writing assignments required as a prerequisite of this course.

AP Language and Composition is a course where students focus on nonfiction, specifically how nonfiction presents an argument; in speeches, articles, essays, and other texts. Students will read a variety of texts, from excerpts of famous speeches to chapters of books and articles in different forms and mediums. An array of topics will be discussed, some chosen to be interesting and some chosen because of their prevalence in every reading. Texts will represent a wide assortment of experiences and perspectives; different cultural backgrounds, nationalities, faiths, and politics. Diversity of perspectives is a way to promote understanding and cooperation.

Composition I – One Semester – One Credit

PREREQUISITE: Grade 11-12.

Composition I is a one-semester, college level writing course offered through the Iowa Western Community College. Students will gain and explore understanding of the process of writing and will be able to apply writing strategies of description, comparison/contrast, definition, narration, exemplification, cause-effect, analysis, synthesis, and persuasion. They will learn pre-writing strategies, understand aspects of sentence structure, and build a writing relationship with the audience. At the end of the semester, students should be able to apply various writing solutions to different writing situations and understand that there may be more than one strategy to a variety of writing prompts and assessments.

Composition II - One Semester – One Credit

PREREQUISITE: Grade 11-12. Completion of CES Comp. I.

Composition II is a one-semester, college level, writing course offered through the Iowa Western Community College Honors Early Start Program. The course affords students to apply all writing strategies learned in Composition I to various research based writing assignments, with a focus on argumentation. Students will learn and use a variety of research and writing strategies to help them complete the researched based writing assignments.

Introduction to Film Study - One Semester - One Credit

PREREQUISITE: Teacher recommendation and application process; recommendation Grade 10 and higher.

Attention: This course is for elective credit only and cannot be counted as an English credit for graduation.

The Introduction to Film Study course will provide awareness and learning opportunities for the appreciation of purpose and craft in cinematography. This course is a semester-long class which explores a wide variety and range of film types that expand over the time of film production. The units of study included film history, film ratings, film structure, story, screenplay basics, filmmaking techniques, character development through the visual medium of film, and animation through a variety of film genres (e.i., comedy, drama, Hollywood Blockbuster, and suspense). Students will analyze works of cinema, research film history and genres, and create an original script/film applying techniques studied in class. All media used in this course will have administration approval.

Yearbook – Two Semesters – Two Credits

PREREQUISITE: Teacher recommendation and application process.

Attention: This course is for elective credit only and cannot be counted as an English credit for graduation. The main emphasis in the class is yearbook production. Students, who elect to take this course will be responsible for all facets of yearbook production including, but not limited to planning, writing, designing, photographing, and marketing. Students will apply knowledge of page design, media law, media ethics, advertising strategies, and the elements of photography. Students will use Yearbook Avenue and Photoshop to aid them in producing the Rampages: Glenwood's High School yearbook.

MATHEMATICS

Integrated Math I – Two Semesters – Two Credits

PREREQUISITE: Required for graduation.

Students in Integrated Math I will apply conceptual understanding of linear functions/inequalities (including systems of equations & inequalities), exponential functions, statistics and geometric relationships to solve real world applications.

Integrated Math II – Two Semesters – Two Credits

PREREQUISITE: Required for graduation. Students must have successfully completed Integrated Math I.

Students in Integrated Math II will apply conceptual understanding of properties and theorems of geometric figures, functions derived from linear relationships, exponential functions, quadratic functions (with an introduction to complex numbers), and probability to solve real world applications.

Integrated Math III – Two Semesters – Two Credits

PREREQUISITE: Required for graduation. Students must have successfully completed Integrated Math II or approval of instructor

Students in Integrated Math III will apply conceptual understanding of quadratic, polynomial, rational, radical, exponential, logarithmic, and trigonometric functions as well as two-dimensional and three-dimensional figures and statistics to solve real world scenarios.

Trigonometry/Pre-Calculus – Two Semesters – Two Credits

PREREQUISITES: Students must have a minimum grade of 2.5 in Integrated Math III and successful completion of Integrated Math II and/or approval of the instructor.

Students in Trigonometry/Pre-Calculus will extend upon concepts in Integrated Math III focusing on properties of functions, specifically piecewise, polynomial, rational, exponential, logarithmic, logistic, and trigonometric functions, to applications in real world scenarios. Students will also explore concepts of polar and parametric equations, as well as matrices, to solve real world applications.

AP Calculus – Two Semesters – Two Credits

PREREQUISITES: Students must have a minimum grade of 3.0 in Trig/Pre-Calculus and/or approval of the instructor.

AP Calculus is the study of limits, derivatives, definite and indefinite integrals, and the Fundamental Theorem of Calculus. Both semesters will spiral content as well as mathematical practices (implementing mathematical processes, connecting representations, justifications, and communication/notation).

MUSIC

Band – Two Semesters – Two Credits

Fees: \$15.00 for uniform cleaning; Concert Uniform fees \$55 men \$70 women. School owned instrument maintenance cost is \$200 for the year. Percussion is \$100 for the year

PREREQUISITE: Students should have a background in instrumental music - having played wind or percussion instrumental music, having played a wind or percussion instrument.

Instrumental Music is divided into Concert Band, Marching Band, Jazz Band, Pep Band, and Solos and Ensembles:

Marching Band: The year begins with Marching Band which performs at all home football games, Pep Rallies, IHSMA State Marching Contest, Homecoming parade, and 2-3 competitive events around the state. The marching season begins in the middle of September and ends at the end of October. A Color Guard is selected from the student body in March of the previous year. The Student Command Corp. are selected from members of the band in May of the previous year.

Concert Band: Students who were in the Flag and Command Corps return to their regular instruments for concert band or take a different class 2nd semester. The band is divided into "Black" 9-11 and Gold 10-12 concert bands. The initial seating is determined by marching band memorization tests. All ties are broken by All-State/SWIBA honor band experience. Performances include the

Christmas Concert, March “Music in our Schools Month” Concert, IHSMA Large Group Contest, Spring Parade of Bands, Graduation Ceremony, and once every four years a performance at a National Band Festival out of state.

Weekly individual and group lessons are a regular aspect of the band program. Throughout the year students will be asked to come to lessons to help differentiate instruction based on varying skill levels. This is the only time where individual student assessments can occur for this class. Participation is not optional and parents may need to inform classroom teachers to gain approval.

Participation in band also presents the opportunity to participate in the following: All-State Music Festival, SWIBA Concert and Marching Honor Bands, Solo and Ensemble Contest, ISU Cyclone Honor Band, Jazz and the Southwest Iowa Honor Marching Band. Students who are not consistent members of the band are unable to participate in SWIHMB and 4 year trips.

Students will increase technical skills on their instrument, as well as extend their musical range and knowledge. Students will experience a variety of literature and styles from different musical periods. Self-expression will be encouraged through performance, and students will become aware of the importance of music in their cultural development. Through evaluation by the band director, progress will be monitored and suggestions made for improvement.

Bass Choir – Two Semesters – Two Credits

PREREQUISITE: 9th - 12th grade bass voices.

Students will sing three and four part music. Three concerts will be required throughout the year. This non-audition bass ensemble works on rehearsal skills, performance skills, solo singing, performance analysis, literacy and music history and culture. Assessments include performances, voice testing (focusing on tone quality, diction, rhythm, intonation and music interpretation), performance analysis, sight singing and daily formative feedback. Students will demonstrate the “basics” as it relates to high school choral singing and the bass clef voices.

Treble Choir – Two Semesters – Two Credits

PREREQUISITE: 9th - 12th grade treble voices.

Students will sing three and four part music. Three concerts will be required throughout the year. This non-audition treble ensemble works on rehearsal skills, performance skills, solo singing, performance analysis, literacy and music history and culture. Assessments include performances, voice testing (focusing on tone quality, diction, rhythm, intonation and music interpretation), performance analysis, sight singing and daily formative feedback. Students will demonstrate the “basics” as it relates to high school choral singing and the treble clef voices.

Concert Choir – Two Semesters – Two Credits

PREREQUISITE: Successful Audition. 10th-12th grade (9th with teacher permission) students who have shown advanced skills in choral singing and overall musicianship. Robe Cleaning Fee: \$10

This auditioned group of students will typically work on four to eight part music. Musical repertoire will include advanced selections ranging from level 4 high school music to All-state or collegial material. Many of the selections may be “a cappella” or require multiple divisi. Students will be required to perform in small groups among the choir. Four primary concerts will be required throughout the year, including participation in state large group adjudication. Several smaller performances occur throughout the year. (Community events/Fundraisers) An auditioned ensemble will work on advanced rehearsal techniques, performance skills, performance analysis, literacy and music history and culture. Assessments include performances, voice testing (focusing on tone quality, diction, rhythm, intonation and music interpretation), sight singing, analysis, and daily formative feedback. Students will demonstrate “advanced skills” as it relates to high school choral ensembles and singing.

Introduction to Music Theory – One Semester – One Credit

Students will analyze and apply the basics of musical notation, pitch identification, rhythm reading, harmonies, and aural skills that can be applied to musical analysis, composition, learning, and performance. This course will allow students to explore an academic side to music starting from a completely fresh standpoint. No experience is required, but it can also enhance a more advanced musician’s musical prowess.

PHYSICAL EDUCATION

Physical Education – One or Two Semesters – One or Two Credits

In physical education class, students will have the opportunity to participate in team and individual activities and learn the rules and history of various sports. Students will gain activity skills, teamwork, sportsmanship, and awareness of their own fitness. Also, the students will become aware of a variety of workout styles, and develop a positive attitude towards physical fitness and social wellness, and experience personal success.

Lifetime Fitness – One or Two Semesters – One or Two Credits

In lifetime fitness, students will learn a proper warm up and walk to increase their cardiovascular endurance. This course emphasizes acquiring knowledge and skills regarding lifetime physical fitness.

Athletic Enhancement – One or Two Semesters – One or Two Credits

This course is based around weight training and athletic enhancement. You should plan to do a structured resistance training routine 4-5 days a week all semester. The goal of this class is to improve strength, power, and quickness in the basic movements used in athletics. The exercises and techniques learned can also be applied to students' life-long exercise routines. Activities will include total body resistance training and power building exercises. Speed, agility, and cardiovascular endurance activities will also be incorporated.

Advanced Athletic Enhancement – One or Two Semesters – One or Two Credits

PREREQUISITE: Successful completion of Athletic Enhancement with a score of 3.5 or higher; completion of at least one sport the previous year, or Approval from Instructor. Grades 10-12.

This course is based around weight training and athletic enhancement. Students should plan to do a structured resistance training and speed training routine 4-5 days a week all semester in addition to character and leadership development learning. The goal of this class is to improve strength, power, and quickness in the basic movements used in athletics as well as positive leadership skills.

RESOURCE COURSES

Learning Strategies - Two Semesters - Two Credits

This course provides specially designed instruction (SDI) provided by a special education teacher in the area of math, reading, writing, and behaviors of life skills support. The content is based specifically on the individual student's Individual Education Plan (IEP) goals and objectives and is delivered separately and in addition to the general education curriculum and instruction. SDI is planned, organized, and meaningful in that it is an intentional and systematic process that specifically addresses the student's needs as expressed in the IEP goals and objectives.

Study Skills - One Semester OR Two Semesters

This course provides continued support for those students who require extra study time as well as further assistance in developing study habits, subject support, and/or credit recovery. Learning and support will be tailored to student individual needs and may include: Owning Your Academic Success, Understanding Your Study Habits, Managing Your Time, Practicing Healthy Study Habits, Getting Help, Learning Online, Being a Digital Leader, Practicing Netiquette, Understanding Cyberbullying, Staying Safe Online, and Evaluating Information. Second Semester - Exploring Online Reading Tools, Exploring Online Notes, Working with Online Text Sources, Working with Online Media Sources, Conducting an Online Search, Preparing for Tests, Study for Tests, Studying with Others, and Reviewing Test Results.

Essential Career and Vocational Transitions Course – Two Semesters – Two Credits

Transition curriculum for children with disabilities and children who are at risk. Provide in-depth coverage on life skills in three critical domains of adult living: daily living skills, self-determination, interpersonal skills, and employment skills.

Essential Reading

This course provides instruction provided by a special education teacher for a student with a disability. The students will practice reading skills focusing on comprehending texts using a variety of fiction and non-fiction materials.

Essential Math

This course provides instruction provided by a special education teacher for a student with a disability. The students will learn to identify and count money as well as carry out basic money management functions, and foundational math concepts.

Essential Science

This course provides instruction provided by a special education teacher for a student with a disability. The students will gain and practice functional science skills.

Essential Life Skills

This course provides instruction in essential life skills such as reading for information, following a recipe, using cooking utensils and appliances, food preparation and storage, problem solving and budgeting. This course is taught by a special education teacher and placement in this course is determined by the IEP team.

Essential Life Skills with lab

The advanced course also includes a lab that is connected to the IEP service of community experiences. Placement in this course is an IEP team decision and requires participation in community experience outings.

Essential Vocation

This course provides instruction provided by a special education teacher for a student with a disability. Students will be working on vocational skills as they relate to workplace readiness. Students will learn to perform those skills to meet individual goals.

Vocational Skills

This course provides instruction provided by a special education teacher for a student with a disability. Students will apply functional vocational skills in a supervised workplace setting.

Essential Career and Vocational Transitions Course – Two Semesters – Two Credits

Transition curriculum for children with disabilities and children who are at risk. Provide in-depth coverage on life skills in three critical domains of adult living: daily living skills, self-determination, interpersonal skills, and employment skills.

SCIENCE

Science graduation requirements include: Physical Science, Biology, and 1 of the following: Chemistry, Physics, or Environmental Science. This has been updated for class of 2028 (Incoming Freshman). *For the classes of 25, 26, and 27, who have previously taken other science electives to count towards the 3 year requirement, their credits will be recognized towards graduation core requirements.

**NEW Advanced Science Pathway: Beginning Class of 2028 (Incoming Freshman)

Biology (1 year)

Chemistry (1 year)

Physics (1 year)

Additional science coursework/electives also available in addition to or beyond 3 years. (AP Chemistry, PLTW Sciences)

Note: Incoming 9th graders would be allowed to skip Physical Science if they take this advanced pathway. *Should students decide to step off this pathway and not take Chemistry, they would need to take first semester Physical Science. Should students decide not to take Physics, they would need to take second semester Physical Science.* Pre-Requisites: 3.5+ in 8th grade math with science teacher recommendation, and strong desire to take an advanced level science pathway in high school. Proficient or Advanced on ISASP.

Physical Science – Two Semesters – Two Credits

Grade 9: Required Materials: 1" 3 ring binder, composition notebook, pencil, colored pens.

Physical Science is an inquiry-based laboratory science course which consists of chemistry, physics, and earth science principles.

Physical Science will utilize direct instruction, labs, activities, projects, and group work. Writing and technology use are major components of course structure. This course will also focus on exploring the relationships between science, mathematics, engineering, and technology.

Biology – Two Semesters – Two Credits

PREREQUISITE: Grade 10. Two credits of Physical Science or equivalent course or instructor permission or participation in Advanced Science Pathway

Required Materials: Notebook, Chromebook, and Folder

Biology is an inquiry-based laboratory course that explores elements of life science. Through experiments, explorations, investigations, presentations, and projects students will learn essential concepts of life science. As a result of this course, students will be able to apply critical thinking skills to everyday science phenomena, explain and demonstrate their thinking, and gain increased responsibility for their learning. The performance expectations for Biology blend core ideas with scientific and engineering practices and crosscutting concepts to support students in developing usable knowledge that can be applied across the science disciplines.

Chemistry – Two Semesters – Two Credits

PREREQUISITE: 11th or 12th grade, successful completion of Biology and Physical Science or participation in Advanced Science Pathway

Required Materials: dedicated notebook, scientific calculator

Students will gain an understanding of the different forms of matter and energy. The class begins by looking at the individual types of matter, how to describe matter using the periodic table, and the physical and chemical properties of different classifications of matter. Next, the class will focus on how different types of matter interact through chemical reactions and how variables can have an effect on a reaction's rate and equilibrium position.

Pathway: General chemistry is a college prep course. Chemistry standards covered in Physical Science will be expanded on in this course. The math component will require students to have a good background in Algebra.

AP Chemistry – Two Semesters – Two Credits

PREREQUISITE: Minimum of 3.0 in general chemistry AND a minimum of 3.0 in Integrated II or instructor approval.

Required Materials: Dedicated notebook, scientific calculator, carbon-less lab book (provided).

The AP Chemistry curriculum is guided by The College Board. All material covered in lecture and in lab activities is geared towards preparing students for the AP exam at the end of the year. Students will gain a deeper understanding of the principles discussed in General Chemistry, utilize advanced problem solving skills, and compose lab book entries that guide critical thinking. Students are required to attend one lab/study session per week during a scheduled lab time.

Pathway:

Students will be receiving a chemistry education similar to an introductory collegiate chemistry course. Students enrolled in AP Chemistry are expected to take the AP exam in the spring. Some colleges will grant credit based on qualifying AP exam scores.

Physics – Two Semesters – Two Credits

PREREQUISITE: Grade 11 or 12, Concurring Enrollment in Integrated II OR successful completion of Integrated II.

Required Materials: Dedicated notebook, scientific calculator, and composition book.

An inquiry-based course that investigates motion of objects and properties of energy through experiments, problem calculations, and projects. Students will learn concepts of forces and motion, conservation of energy, and interaction of energy and matter. Students will be able to apply critical thinking skills to everyday concepts, explain and demonstrate their thinking, and gain increased responsibility for their learning. Yearlong physics is a class that reviews and expands on the standards from the second semester of physical science.

Environmental Science- One or Two Semesters – One or Two Credits

PREREQUISITE: Successful completion of Physical Science and Biology or instructor permission.

Required Materials: Notebook, Chromebook, and Folder

Environmental Science is a multidisciplinary science class designed to show connections between biology, chemistry, and physics as these fields of scientific inquiry pertain to the environment. As a result of this course, students will have a coherent and realistic picture of the applications of a variety of scientific concepts as they apply in our environment. The purpose of this course is to increase students' knowledge of environmental challenges faced today and to allow for students to apply critical thinking skills.

PROJECT LEAD THE WAY: BIOMEDICAL SCIENCE

Whether discovering new cancer treatments or teaching healthy lifestyle choices to their communities, today's biomedical science professionals are tackling big challenges to make the world a better place.

PLTW Biomedical Science students are taking on these same real-world challenges – and they're doing it before they even graduate from high school. Working with the same tools used by professionals in hospitals and labs, students engage in compelling, hands-on activities and work together to find solutions to problems. Students take from the courses in-demand knowledge and skills they will use in high school and for the rest of their lives, on any career path they take.

*PLTW Science classes are science electives. Core science graduation requirements include: Physical Science, Biology, and 1 of the following: Chemistry, Physics, or Environmental Science. This has been updated for class of 2028 (Incoming Freshman). *For the classes of 25, 26, and 27, who have previously taken other science electives from PLTW sciences to count towards the 3 year requirement.

PLTW Principles of Biomedical Science (PBS) – Two Semesters – Two Credits

Required Materials: 3 ring binder - 1 inch

In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

PLTW Human Body Systems (HBS) – Two Semesters – Two Credits

PREREQUISITE: Successful completion of Principles of Biomedical Science.

Required Materials: 3 ring binder - 1 inch

The HBS course provides foundational knowledge and skills in anatomy and physiology, clinical medicine, and laboratory research. The course engages students in how this content can be applied to real-world situations, cases, and problems. Through both individual and collaborative team activities, projects, and problems, students tackle real-world challenges that biomedical professionals face in the field. Students work with the same tools and equipment used in hospitals and labs as they engage in relevant hands-on work. They explore BioDigital™ 3D interactive models, simulations, and assessments to visualize human anatomy and physiology. Exploring science in action, students build organs and tissues on a skeletal manikin, work through interesting real world cases, and often play the role of biomedical professionals to solve medical mysteries.

PLTW Medical Interventions (MI) – Two Semesters – Two Credits

PREREQUISITE: Successful completion of Principles of Biomedical Science and Human Body Systems. Required Materials: 3 ring binder-1”.

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

PLTW Biomedical Innovation (BI) – Two Semesters – Two Credits

PREREQUISITE: Successful completion of Principles of Biomedical Science, Human Body Systems, and Medical Interventions.

Required Materials: 3 ring binder-1”.

In the final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent project with a mentor or advisor from a university, medical facility, or research institution.

SOCIAL STUDIES

American History – Two Semesters – Two Credits

PREREQUISITE: Grade 9; Class required for graduation.

This is a required 9th grade course in which students will analyze and evaluate the impact of events, actions, changes, and motives in the history of the United States from the end of the 19th Century to the present era. The events discussed in this class will be used to illustrate larger historical ideas and themes and their connection to forming a more nuanced understanding of the world we live in today.

Western Civilization – Two Semesters – Two Credits

PREREQUISITE: Grade 10; Class required for graduation.

This is a required 10th grade course in which the students will analyze and evaluate world historical events from the Renaissance through the 20th Century. Students will explore major themes and developments that shaped the modern world including human rights, revolution and democracy to develop an understanding of the roots of current world issues. Students will consider multiple perspectives of events and issues in order to analyze the causes and effects that change society.

Sociology – One Semester – One Credit

PREREQUISITE: Grades 11-12, fulfills Behavioral Science graduation requirement.

Students will analyze and evaluate contemporary theories of inquiry that are used by sociologists to understand and explain how social institutions affect societies. Students will identify various theories explaining what makes up a society. Students will explore how culture is passed along from one generation to the next. Students will also explore the problems that face American society.

Psychology – One Semester – One Credit

PREREQUISITE: Grades 11-12, fulfills Behavioral Science graduation requirement.

Students will analyze and evaluate contemporary perspectives of inquiry that are used by psychology to understand and explain human behavior and mental processes. Students will interpret both individual and group decision-making by exploring a variety of research methods and theories specific to psychology.

American Government – One Semester – One Credit

PREREQUISITE: Grade 12, Class required for graduation.

Students will explore the origins of government and the state, and the development of our government through the Constitution. Students will gain an understanding of the history of our government and how it has evolved over time. Emphasis will be placed on the workings of the three branches of government, the interaction between the national, state, and local governments, civil rights and liberties, and civic participation and responsibility.

AP US Government and Politics – Two Semesters – Two Credits

PREREQUISITE: Grade 12, Class will fulfill Government graduation requirement and students must complete both semesters. Students must have a 3.0 average across their Social Studies and English courses, a recommendation from a teacher in the Social Studies department and the approval of the AP US Government instructor.

Students will study constitutional underpinnings, civil liberties and civil rights, political culture and socialization, citizen participation and influence, political institutions and policy making that are the foundation of modern U.S. government and politics. This course includes both the study of general concepts used to interpret US government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute US government and politics.

TRANSITION COURSES

Career Transitions Course – One or Two Semesters – One or Two Credits

Career Transitions Job – One or Two Semesters – One or Two Credits

PREREQUISITE: Grade 12, Required Materials: 3-ring 1 1/2" hardcover notebook; enrollment in Career Transitions course

This class provides the opportunity to receive hands-on experience in the world of work through a paid position or a volunteer position at a participating business. Students gain career planning information and develop job seeking, work readiness, and employability skills. In addition, leadership and personal life skills such as obtaining credit and managing money are covered. Students also learn entrepreneurial skills such as starting a business, supervising others, and solving workplace problems. The student must make a commitment to regular attendance at school as well as the worksite. Two credits may be earned upon successfully completing each semester. A student may enter the 2nd semester with the permission from the instructor.

iJAG- One or Two Semesters - One or Two Credits

Prerequisite: Students in grades 9-12, Priority given to 11th and 12th grade students.

iJAG (Iowa Jobs for America's Graduates) is a career exploration and preparation program that provides a hands-on approach in exploring personal strengths and challenges as well as job attainment skills (cover letter, resume, job application, interviewing, etc.) and workplace "survival" skills (interpersonal relations, teamwork, etc.). Students will also work to build strengths in academic areas, time management, and communication. The individual and team project work will also help students come to an understanding of personality and temperament and the relationship between personal actions and consequences that follow. Students will make connections to their career interests, abilities, and aptitudes by determining their education and career goals through development of an Individual Career Development Plan. This full-year, credited course involves individual assignments, team activities/projects, academic remediation support, service learning opportunities, guest speakers, field trips (including a couple to state I-JAG events in Des Moines), and career exploration through job shadowing and/or an internship. Students will also participate in the I-JAG Career Association in various activities focused on Career and Leadership Development, Service Learning, and Civic/Social Awareness.

ONLINE LEARNING

Iowa Online AP Academy

PREREQUISITE: Grade 11 and 12

The Iowa Online AP Academy was started with a federal grant in 2001, with the goal of extending College Board, Advanced Placement course-taking opportunities to students in Iowa schools without such course offerings. These courses are offered free to Iowa students.

- One Semester – One Credit
AP Psychology, AP Macroeconomics and AP Microeconomics
- Two Semesters – Two Credits
AP Biology, AP Statistics, AP Spanish, AP US History

The school will register the student and schedule a period within the student's school day as one of their requested classes. These courses have a start date independent of the Glenwood District calendar. GHS is limited to no more than six students per course. It is also important for students, parents, and school officials to understand that **if a student fails or chooses to drop an Iowa Online AP Academy course more than 14 school days after the start of course, he/she will be assessed a \$350 cancellation fee for each course he/she drops. Additionally, if a student is not active on his/her course for 21 consecutive school days, he/she will be dropped from the course and assessed the same \$350 cancellation fee.** Students will take IOAPA courses for a traditional letter grade which will be applied to the GPA. The policy, procedures, and methods used in these classes are determined by IOAPA and may or may not match policies, procedures, and methods used at GHS. IOAPA grading is currently done based on the 100 point grading scale. However, GHS receives the student's percentage grade on the 100 point scale and converts and/or awards the appropriate grade based on GHS grading guidelines.

Edmentum

This is an online delivery system for courses not offered at the high school. Examples include foreign language courses not offered at the high school, i.e. German, French, Sign Language.

Edgenuity – Credit Recovery/Special Permission

This is an online delivery system in the subject areas of math, science, social studies, and language arts. Edgenuity is used for credit recovery or schedule conflicts. Edgenuity is used by students based on a team decision and on an individual basis. Please see your counselor for more information.

Talented and Gifted (TAG) COURSES

TAG Independent Study - 1 Semester or 2 Semesters –One to Two Credits

PREREQUISITE: Admittance into the TAG program per district guidelines.

This course is designed for TAG students to go beyond normal curriculum to deeply explore a topic of interest over the course of a semester or year. Students will complete an independent investigation in an area of personal interest with the support of the gifted facilitator and a mentor. A final project, a presentation, or a research paper is required. Students will contract on an individual basis for project activities. Options for investigations may include but are not limited to the following: creating a service project to address a community problem or need; completing research and a project for a competition or academic program; designing and coding robotics and recording research in an engineering notebook; completing a course not offered through our district through the use of online learning; completing advanced level study of a subject at an accelerated pace; or completing a mentorship/internship project with the assistance of a community professional. A showcase of learning and products will be shared at a symposium open to the community at the end of the semester. *Students wishing to take TAG Research Projects must outline the area of investigation, resources, learning experiences, and project plan within the first week of the course. TAG Research Projects enrollment and projects will be subject to gifted facilitator and administrator approval. For more information, see the high school TAG Strategist.

CERTIFICATE PROGRAMS

SWITCH –Certificate programs

We are excited to announce that IWCC certificate programs will start at SWITCH (located near Malvern on HWY 34) in August 2024. Glenwood High School is partnering with SWITCH and IWCC to offer the following two certification programs:

Electromechanical Certificate:

Prerequisites: Enroll for senior year, 3 years of successful completion of math.

Priority will be given to students who have completed coursework relating to this pathway: for example, career and technical education coursework. Students are required to be in good standing for attendance and behavior and be highly motivated to participate.

Certified Nursing Assistant (CNA):

Prerequisites: Enroll for junior or senior year. Students must be at least 16 years of age. Students will take the State of Iowa CNA exam and work in a care facility. Priority will be given to students who have completed coursework relating to this pathway: for example, additional health and science coursework beyond required science at GHS. Students are required to be in good standing for attendance and behavior and be highly motivated to participate.

IWCC –Certificate Career Academy Programs -Enroll for your senior year.

- AGRIBUSINESS ADMIN CERTIFICATE
- AUTOMOTIVE MAINTENANCE AND LIGHT REPAIR DIPLOMA
- BUSINESS ADMINISTRATION CERTIFICATE
- CONSTRUCTION MANAGEMENT CERTIFICATE
- CONSTRUCTION MANAGEMENT DIPLOMA
- CULINARY ARTS: FOOD TECHNICIAN CERTIFICATE
- DIESEL MECHANICS DIPLOMA
- ELECTRONICS AND INDUSTRIAL SYSTEMS CERTIFICATE
- EARLY CHILDHOOD: CHILD DEV. CERTIFICATE
- EARLY CHILDHOOD: CHILD DEV. Diploma
- PLUMBING CERTIFICATE
- PLUMBING TECHNOLOGY DIPLOMA (Must complete Plumbing Certificate first)
- WELDING CERTIFICATE
- WELDING DIPLOMA (Must complete Welding Certificate first)

R.O.A.R. Raising our Aspiring RAMS –Future Educator Program

Students interested in the field of education, this opportunity is for you! Partner with Glenwood Schools to receive training and support to pay for part of your education degree. High School students can begin the program in the fall of their 11th-grade year. During the spring of their 12th-grade year, individuals can apply for one of the 3-5 slots for the A.A. & paraprofessional position. A.A. program provided through Iowa Western Community College. Upon graduation, the High School graduates will start as an educational associate while also taking online or night/weekend courses through IWCC pre-BA education program. To apply for this program, see the application link on our career page. For more information, see your high school counselor.

Avenue Scholars

Avenue Scholars Southwest Iowa provides interested sophomore students in the below careers with the opportunity to apply for our Full-Ride Scholarship Program. Information about Avenue Scholars is shared with students in person in the Spring.

CAREERS

- Nursing, Medical Assisting, CNA, Surgical Technician, Phlebotomy, Dental Hygienist, Dental Assisting
- Culinary, Web Design, Computer Coding, Cyber Security, IT, Welding, Aviation Maintenance
- Logistics, Electrician, Plumber, HVAC/R, Construction, Vet Tech, Auto/Diesel, Robotics, Agribusiness
- Here is an overview of the organization and programming:
- Our mission is to provide motivated students with educational and training opportunities in a variety of career options.
- While in high school students explore careers, attend job shadows, and learn skills needed to apply, interview for, and succeed in full-time employment.
- Students work part-time, paid summer internships in their career field.
- After high school, students attend IWCC or an Ave Scholars approved career training program.
- **Ave Scholars SWI provides a full scholarship to pay tuition and fees required for IWCC or approved career training programs**

COLLEGE EARLY START COURSES

Juniors and seniors who qualify may also have the opportunity to take certain classes at Iowa Western Community College through the Concurrent Enrollment program. They must be proficient in reading, math, and science using scores from ISASP, and/or qualifying score on the ACT. Students must register with the school counselor. These courses are for dual credit. The student receives one high school credit and college credits vary for each class successfully completed. For these Concurrent Enrollment courses the district assumes the tuition costs, Iowa Western provides textbooks free of charge (books must be returned) and the students are responsible for transportation. College Early Start courses are subject to change based on Iowa Western course offerings each semester. Students register for Fall courses during the spring semester of their junior year and Spring courses during the fall semester of the senior year. Students will meet with the counselor to discuss and search for classes in the Iowa Western system when the high school is notified that the course catalog has opened for the upcoming term (again, these catalogs are subject to change based on IWCC decision making). However, students and families can be investigating courses based on current offerings by following the procedure below:

- www.iwcc.edu
- Select “Current Students” Tab
- Click link for “Search for Classes”
- Enter required information (usually Term and Subject)

As you look at how classes are offered, please pay attention to a few important details:

- Course location--for the most part you are looking for courses offered at the Council Bluffs location
- Meeting Information--it is recommended that students take courses that are offered at Noon and 1:30 on the same two days of the week. This coordinates best with their GHS schedule as well as maximizes travel time.
- Credits: Most courses are worth 3 credits. However, if you are looking for a class and see it is a 4 credit class or requires a separate lab; this indicates that it would require more time in the classroom and may not fit the above bullet description. Students are more than welcome to take these courses, it just requires more attention to be paid to a student’s overall schedule.

All courses are worth 1 GHS credit, while IWCC credits vary. Students will take IWCC courses for a traditional letter grade which will be applied to the GPA. The policy, procedures, and methods used in these classes are determined by IWCC and may or may not match policies, procedures, and methods used at GHS. IWCC grading is currently done based on the 100 point grading scale. Therefore, students will continue to receive letter grades for these classes so they match grades as they appear on the Iowa Western transcript.