

Eagle Grove High School

Course Planning Guide

2026 - 2027

Welcome to Eagle Grove High School

Dear Students:

The course guide is arranged to provide for the individual needs of all students through required courses, elective courses and school activities. Because each student differs in abilities, aptitudes, talents and interests, the school program is designed to permit individual expansion into those areas of learning and activity, which will permit optimum educational growth and personal development.

The following pages provide a brief summary of the courses being offered to students grade 9-12. Use this information to make choices for your classes. Select courses that are in alignment with your academic plan but allow yourself to explore courses that will provide opportunities to try new things.

Eagle Grove High School is on a quest for continual improvement through our focus on rigor, relevance, and relationships. The members of the high school staff and your parents stand ready to assist you along the path to your future career. Come and talk to us about your thoughts and ideas. Good luck as you pursue the path to your dreams!
GO EAGLES!

Radney Roosa
Principal

Ben Demuth
Student Success Coordinator

Anthony Wubben
Student Success Specialist



(Spring 2026)

Graduation Requirements

Students have the option to earn the EGHS Core Diploma, Honors Diploma or High Honors Diploma. Students who earn the Honor or High Honors diploma will receive recognition at graduation. All students are automatically enrolled in the Honor diploma program. You must meet with the high school counselor or administrator to switch your diploma program. Students will need a minimum of 30 credits to graduate. A credit is defined as one semester of coursework.

Content Area	EGHS Core	Honors	High Honors
Language Arts	8 credits	8 credits	8 credits
Social Studies	6 credits	6 credits	8 credits
Math	6 credits	6 credits	8 credits
Science	6 credits	6 credits	8 credits
Health	1 credit	1 credit	1 credit
Careers & Fin. Lit.	1 credit	1 credit	1 credit
PE	2 credits	2 credits	2 credits
Electives	0	22 credits	22 credits
Workplace Experience	0	1 credit	1 credit
Total Credits	30	53	59

A student must schedule a minimum of eight (8) subjects per semester, which includes a minimum of five academic subjects, and up to three non-academic subjects. Vocal Music, Instrumental Music, and Physical Education courses are considered non-academic subjects. A student must be scheduled for a minimum of 16 credits per year, which includes a semester of Physical Education. If circumstances exist that prohibits students from meeting these requirements, the student must get advanced permission from the principal. Students interested in attempting to test out of course requirements should see the school counselor.

EGHS Core Diploma (30 credits)

Language Arts (8 credits*)

Social Studies (6 credits*)

Math (6 credits*)

Science (6 credits*)

Health (1 credit)

Careers & Financial Literacy (1 credit)

Physical Education (2 credits)

**Must include 1 semester of American Government, and 2 semesters of American History*

**Must include 2 semesters of Biology, Chemistry, and Physics II*

**Must include 2 semesters of English I, English II, and English III*

**Must include 2 semesters of Algebra I, Geometry*

Honors Diploma (53 credits)

EGHS Core diploma plus 22 elective credits and 1 workplace experience credit

High Honors Diploma (59 credits)

EGHS Core diploma plus 2 more credits in each of the core areas (Social Studies, Math, and Science), 22 elective credit, and 1 workplace experience credit

Agricultural Science

Agriculture Recommended Program of Study

The following chart is an example of a student's possible course work path depending on if the student was interested in focusing on plant science, animal science, or ag business coursework. Below is an example of a sequence of coursework. Students are still free to move about the academy pathways.

Plant Production Science

Semester: Spring 2028

Course Length: Semester

Credits: 1 Credit

Grade Level: 9-12

Prerequisite: None

Course Number: 700

Category: Elective

Supplies Needed: N/A

Description: An introductory agriculture course for students interested in agriculture and/or FFA. This course of Intro to Agriculture will include an orientation to the history of agriculture education and FFA and how agriculture education, FFA, and Supervised Agricultural Experience (SAE) work together in the total agriculture education program. Other units of instruction include parliamentary procedure and leadership.

Students interested in the production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources should consider enrolling in Agriculture Science courses. Careers in the Agriscience/Natural Resources Career Clusters are related to agriculture and natural resources, and range from agricultural producer to veterinarian. All students enrolled in Agriculture courses are automatically enrolled in the National FFA Organization and members of the Eagle Grove FFA Chapter. There is no fee for this membership but students will be asked to participate in activities conducted by the Eagle Grove FFA Chapter.

Horticulture & Landscaping Design

Semester: Spring 2027

Course Length: Semester

Credits: 1 Credit

Grade Level: 9-12

Prerequisite: Plant Production Science

Course Number: 702

Category: Elective

Supplies Needed: N/A

Description: The student will learn the applications of scientific principles to commercial horticultural practices, and how those practices can be improved. Topics covered include plant classification and structure, photosynthesis, soil management, plant growth substances, and plant pests. Landscape

Design will include units on plant requirements, landscape materials, landscape design and drafting, and landscape installation.

Animal Science

Semester: Fall 2026

Course Length: Semester

Credits: 1 Credit

Grade Level: 10, 11, 12

Prerequisite: Intro to Ag

Course Number: 701

Category: Elective

Supplies Needed: N/A

Description: Units of instruction in this course will include livestock industry, animal nutrition, genetics, reproduction, health and animal welfare. There will be an emphasis on swine, beef, sheep, goats, poultry and horses. Students will use simulated, as well as real world activities to develop skills and knowledge essential for the production and management of livestock.

Agriculture Welding I

Semester: Fall 2026 & Spring 2027

Course Length: Semester

Credits: 1 Credit

Grade Level: 9-12

Prerequisite: None

Course Number: 605

Category: Elective

Supplies Needed: N/A

Description: This course introduces the student to the fundamentals of Welding. It provides the student with opportunities for hands-on training Gas Metal Arc Welding (MIG). Course will also include instruction into using metal chop saw to prepare metal and cut it to proper lengths. Students will also learn proper procedures and safety precautions to work in a metals and welding shop including what is the proper PPE.

Agriculture Welding II

Semester: Spring 2027

Course Length: Semester

Credits: 1 Credit

Grade Level: 9-12

Prerequisite: Ag Welding I

Course Number: 625

Category: Elective

Supplies Needed: N/A

Description: This course introduces the learner to the welding profession, welding tools, welding safety, Oxy-Fuel setup, cutting, and heating, base metal preparation, weld quality, and several aspects

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of Shielded Metal Arc Welding (SMAW) (known as "Stick Welding") including equipment setup, and basic electrode selection. Through this course the learner will be able to assess what other welding skills and knowledge they desire and/or need for the workplace.

Agriculture Welding III

Semester: Spring 2027

Course Length: Semester

Credits: 1 Credit

Grade Level: 10, 11, 12

Prerequisite: Ag Welding II

Course Number: 626

Category: Elective

Supplies Needed: N/A

Description: The Gas Tungsten Arc Welding course is designed to teach students about arc welding safety and the Gas Tungsten Arc Welding process (GTAW-TIG) and proper techniques for welding. Upon completion of this course, the student will be able to perform general entry level production and maintenance welding in fabrication and machine shop.

Ag Mechanics & Small Engine Repair

Semester: Fall 2026

Course Length: Semester

Credits: 1 Credit

Grade Level: 11, 12

Prerequisite: Intro to Ag

Course Number: 703

Category: Elective

Supplies Needed: N/A

Description: This course is designed to develop skills in maintenance, repair, and operation of equipment, small combustion-type engine and electric motors. Content may be enhanced with appropriate computer applications. Class will also include mapping and using Ag technology to locate fields.

Introduction to Electrician

Semester: Fall 2026

Course Length: Semester

Credits: 1 Credit

Grade Level: 9-12

Prerequisite: NA

Course Number: 630

Category: Elective

Supplies Needed: N/A

Description: This introductory course provides students with a foundational understanding of the electrical trade and prepares them for future study, apprenticeships, or careers in electrical technology.

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Students will learn basic electrical theory, electrical safety practices, tool identification and usage, circuit design, wiring methods, and blueprint reading. Through hands-on laboratory activities, students will gain experience working with residential electrical systems, installing basic wiring components, and troubleshooting simple electrical circuits. The course emphasizes workplace safety, employability skills, and industry standards while introducing students to career opportunities within the electrical and construction industries. Students may also explore relevant industry-recognized credentials and apprenticeship pathways. No prior experience is required.

Fine Arts

Introduction to Art

Semester: Fall 2026 & Spring 2027

Course Length: Semester

Credits: 1 Credit

Grade Level: 9-12

Prerequisite: None

Course Number: 420

Category: Elective

Supplies Needed: set of 10 paint brushes, 1 package of Clorox wipes

Description: This course serves as the prerequisite to all other art courses offered. Students are given a basic introduction and exposure to a variety of materials, equipment, techniques, terms and art forms they will need as a background for taking other art classes. Students will gain insight about the classes offered and the mechanics of many forms of art. The students will also explore art history along with traditional and nontraditional occupations available in art through information sources including video, lecture, demonstrations and guest speakers. This course is taken once. All basic supplies will be provided for the course. Should the student want to excel beyond the provided materials, these may be at the expense of the student.

Drawing

Semester: Fall 2026 & Spring 2027

Course Length: Semester

Credits: 1 Credit

Grade Level: 10, 11, 12

Prerequisite: Intro to Art

Course Number: 421

Category: Elective

Supplies Needed: N/A

Description: This course introduces students to a variety of drawing techniques, terms, subjects and media. Students work on required projects as well as individual drawing interests. Individual and original drawing interests are explored. Students may repeat this course to advance their drawing skills.

The project requirements and expectations will be increased in order to challenge those students. All basic supplies will be provided for the course. Should the student want to excel beyond the provided materials, these may be at the expense of the student.

Painting

Semester: Fall 2026 & Spring 2027

Course Length: Semester

Credits: 1 Credit

Grade Level: 10, 11, 12

Prerequisite: Intro to Art

Course Number: 422

Category: Elective

Supplies Needed: N/A

Description: This course expands students' understanding of a variety of painting techniques, terms, subjects and media. Students will be required to work on projects as well as individualized paintings. Individual painting interests will be explored and encouraged. Students may repeat this course in order to advance their painting skills. The project requirements and expectations will be increased in order to challenge those students. Paintings will be done on paper unless students wish to pay for canvas materials or bring in their own canvas materials. Students will be charged for the cost of canvas that was purchased from the school. All basic supplies will be provided for the course. Should the student want to excel beyond the provided materials, these may be at the expense of the student.

Graphic Design

Semester: Fall 2026

Course Length: Semester

Credits: 1 Credit

Grade Level: 10, 11, 12

Prerequisite: Intro to Art

Course Number: 425

Category: Elective

Supplies Needed: N/A

Description: This is an introduction class to graphic design. Students will learn about elements of art and principles of design. Students do not need to take Intro to Art for this class. Daily use of Chromebooks for the course is a requirement. Students should daily have both a charged Chromebook and charger for the class. All basic supplies will be provided for the course. Should the student want to excel beyond the provided materials, these may be at the expense of the student.

3D Foundations

Semester: Fall 2026 & Spring 2027

Course Length: Semester

Credits: 1 Credit

Grade Level: 9-12

Prerequisite: Intro to Art

Course Number: 430

Category: Elective

Supplies Needed: N/A

Description: This class serves as a foundation to grow knowledge of 3D skills, techniques, subjects, and terms. Students will explore different 3-Dimensional art styles and techniques. Students will explore base clay techniques, sculpture styles, and paper mache. Students will learn the difference between 2D and 3D, and how artworks can become 3D. Students will learn different 3D techniques and prepare themselves for more advanced 3D classes that can be taken next. This course is only taken once. All basic supplies will be provided for students, anything extra should be provided by the student.

Creative Art

Semester: Fall 2026 & Spring 2027

Course Length: Semester

Credits: 1 Credit

Grade Level: 10, 11, 12

Prerequisite: 3D Foundations

Course Number: 423

Category: Elective

Supplies Needed: N/A

Description: This class is designed to explore a variety of art media, including, but not limited to, mixed media, mosaic, woodburning, printmaking, glass mosaic, felting, string art, etc. Students will explore fantasy art, cultural arts and traditions, current trends in art, along with a variety of unique 2D and 3D art forms and mediums. Students may be required to provide materials from outside sources or purchase from the school as needed. Students will work with X-Acto knives and other materials that may be sharp. All basic supplies will be provided for the course. Should the student want to excel beyond the provided materials, these may be at the expense of the student.

Ceramics & Sculpture

Semester: Spring 2027

Course Length: Semester

Credits: 1 Credit

Grade Level: 10, 11, 12

Prerequisite: 3D Foundations

Course Number: 424

Category: Elective

Supplies Needed: One Container for Wheel Throwing, one set of 12 clay tools

Description: This course is designed to explore and practice a variety of ceramic techniques, skills and create ceramic projects. As well as learning about sculpture styles, skills and techniques. Students will spend 1 quarter doing ceramics by exploring wheel throwing, clay recycling, hand building, and kiln firing techniques. The 2nd Quarter will be exploring sculpture reliefs styles, paper mache, cardboard building, etc. This class can be repeated for extra skill building, they should expect that projects will be

advanced and show more growth. All basic supplies will be provided for this class, anything extra or specific will be provided by the student for that class.

Business Education

Introduction to Business

Semester: Fall 2026 & Spring 2027

Course Length: Semester

Credits: 1 Credit

Grade Level: 9-12

Prerequisite: None

Course Number: 500

Category: Elective

Supplies Needed: N/A

Description: Introduction to Business is an overall introduction to business topics. These topics include the economy, entrepreneurship, globalization, marketing, human resources, finance, and risk management. Introduction to Business is an overview course that provides a basis for the information covered in other business courses. This course may help to determine areas of business interest for students.

Careers

Semester: Fall 2026 & Spring 2027

Course Length: Semester

Credits: 1 Credit

Grade Level: 11, 12

Prerequisite: None

Course Number: 512

Category: Required

Supplies Needed: N/A

Description: Career exploration and personal finance will be the focus. Students will gain information regarding career interests and have a chance to explore different career pathways. Students will cover such topics as necessary training, educational requirements, college and vocational schools, and promotional opportunities. Additionally, students will learn how to manage the money they will earn during their careers. Personal finance topics such as saving and wealth building, avoiding debt, budgeting, consumer awareness, insurance, taxes, and loans will be covered.

Accounting

Semester: Fall 2026

Course Length: Semester

Credits: 1 Credit

Grade Level: 10, 11, 12

Prerequisite: Intro to Business

Course Number: 502

Category: Elective

Supplies Needed: N/A

Description: Accounting is the language of business. Students will analyze business transactions from source documents, record transactions in a journal, and post the transactions to a ledger. Students will then perform adjusting entries and prepare financial statements. Students will also perform end of period closing of accounts. Accounting is a class that provides a great deal of real world experience and preparation for careers in bookkeeping, entrepreneurship, and other business endeavors. The course also provides a good basis for taking Accounting classes in college.

Business Law

Semester: Fall 2026

Course Length: Semester

Credits: 1 Credit

Grade Level: 10, 11, 12

Prerequisite: Intro to Business

Course Number: 501

Category: Elective

Supplies Needed: N/A

Description: Business Law affects all careers; it is the part of our legal code with which most people have the greatest amount of contact on a daily basis. Students will learn the basic rights and responsibilities as applied to everyday roles, a respect for law, the purposes and uses of various legal documents, and the legal implications of various business activities. They will also acquire a working vocabulary of frequently used law terms and learn to demonstrate decision-making skills in solving common legal situations. This course will assist students in becoming more conscious of their need to respect the law in return for protection of their lives and property.

Marketing

Semester: Spring 2027

Course Length: Semester

Credits: 1 Credit

Grade Level: 10, 11, 12

Prerequisite: Intro to Business

Course Number: 509

Category: Elective

Supplies Needed: N/A

Description: Marketing offers students a chance to explore all functions of marketing. Students will develop a product and plan for promotion, distribution, and pricing. Students will receive feedback on the product and marketing plan from the instructor. Students will be exposed to the concepts of the marketing mix, the marketing concept, and various marketing strategies.

Entrepreneurship

Semester: Fall 2026

Course Length: Semester

Credits: 1 Credit

Grade Level: 11, 12

Prerequisite: Intro to Business

Course Number: 506

Category: Elective

Supplies Needed: N/A

Description: This course will acquaint students with the knowledge and skills necessary to own and operate their own businesses. Basic business concepts that need to be explored to be prepared to start and operate one's own business include economics, marketing, forms of business organization, location planning and physical layout, financial management, business operations, human resources, risk management, and growth management. The development of a business plan will take an overarching role in the course. Students will also take the helm of an entrepreneurial endeavor as they manage a real vending business.

Human Relations

Semester: Spring 2027

Course Length: Semester

Credits: 1 Credit

Grade Level: 11, 12

Prerequisite: None

Course Number: 510 EB

Category: Elective

Supplies Needed: N/A

Description: This course introduces students to the importance of human relations - summarized in one concise law of personal and organizational success: All work is done through relationships. Focusing on the interpersonal skills needed to be well-rounded and thoroughly prepared to handle a wide range of human relations issues, one's behavior at work and in our private lives is influenced by many interdependent traits such as emotional balance, self-awareness, integrity, self-esteem, physical fitness, and healthy spirituality. As a first exposure to a leadership role or a Human Resource Management career, the student explores the value of the non-technical work skills, history, theory, and the wide range of these skills needed in today's workplace.

Introduction to Computers

Semester: Fall 2026 & Spring 2027

Course Length: Semester

Credits: 1 Credit

Grade Level: 11, 12

Prerequisite: None

Course Number: 0508 EB

Category: Elective

Supplies Needed: N/A

Description: This is an introductory course in computer literacy and software applications. The literacy components of the course include history of computing, computer systems, communications, networks, and computers in society. The applications training will include word processing, spreadsheets, database management, and presentation software. No prior computer experience necessary.

Computer Science

Computer Essentials

Semester: Fall 2026 & Spring 2027

Course Length: Year

Credits: 1 Credit

Grade Level: 9-12

Prerequisite: None

Course Number: 901

Category: Elective

Supplies Needed: N/A

Description: Code.org's Computer Science Principles (CSP) curriculum is a full-year, rigorous, entry-level course that introduces high school students to the foundations of modern computing. The course covers a broad range of foundational topics such as programming, algorithms, the Internet, big data, digital privacy and security, and the societal impacts of computing.

Family & Consumer Sciences

Interior Design

Semester: Fall 2026

Course Length: Semester

Credits: 1 Credit

Grade Level: 9-12

Prerequisite: None

Course Number: 802

Category: Elective

Supplies Needed: N/A

Description: Students will study the past, present, and future construction and decoration of homes. Emphasis is placed on selecting housing that meets an individual's needs and making informed consumer decisions to achieve housing goals. Students are given many opportunities to apply the concepts learned in class to hands-on projects. Units studied include selecting a place to live, housing styles, analyzing floor plans, elements and design principles, kitchen planning, housing materials, energy conservation, and home maintenance. Students who have completed this course should consider taking Advanced Independent Study.

Food & Fitness

Semester: Fall 2026 & Spring 2027

Course Length: Semester

Credits: 1 Credit

Grade Level: 9-12

Prerequisite: None

Course Number: 800

Category: Elective

Supplies Needed: N/A

Description: Nutrition, consumer skills, and preparation skills are emphasized in each unit. Units studied include nutrition, food preparation procedures, dairy and egg products, basic baking, consumer decision-making, and special cooking techniques. Students who have completed this course should consider taking Food Prep.

Child Development I

Semester: Fall 2026

Course Length: Semester

Credits: 1 Credit/Semester

Grade Level: 9-12

Prerequisite: None

Course Number: 803

Category: Elective

Supplies Needed: N/A

Description: Students will study children from the prenatal period through age 4. The development and care of children and the role of parents and caregivers are studied in-depth. Many opportunities are provided for students to explore their attitudes toward children as a basis for parenthood and/or a career related to children. A “hands-on” practical approach is emphasized. Units studied include parenting as an option, pregnancy and prenatal care, infants, toddlers, preschoolers, school-age children, children with special needs, discipline, and guidance. Students who have completed this course should consider taking Child Development II and/or Education Workplace Experience.

Child Development II

Semester: Spring 2027

Course Length: Semester

Credits: 1 Credit/Semester

Grade Level: 9-12

Prerequisite: Child Development I

Course Number: 812

Category: Elective

Supplies Needed: N/A

Description: Students will build upon the learning from Child Development and study children from age 3 through school age. The development and care of children and the role of parents and caregivers

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are studied in-depth. Many opportunities are provided for students to explore their attitudes toward children as a basis for parenthood and/or a career related to children. A “hands-on” practical approach is emphasized. Students who have completed this course should consider taking Education Workplace Experience.

Sewing & Construction

Semester: Fall 2026 & Spring 2027

Course Length: Semester

Credits: 1 Credit/Semester

Grade Level: 9-12

Prerequisite: None

Course Number: 801A

Category: Elective

Supplies Needed: N/A

Description: This sewing class is designed to introduce students to the world of fashion design and provide the opportunity to learn the life skill of sewing.

Sewing & Construction II

Semester: Fall 2026 & Spring 2027

Course Length: Semester

Credits: 1 Credit/Semester

Grade Level: 9-12

Prerequisite: Sewing & Construction

Course Number: 801B

Category: Elective

Supplies Needed: N/A

Description: This course is designed for the student with a strong interest in sewing. They must have completed Sewing and Construction. The class will look at the fashion world while learning new sewing skills.

Independent Living

Semester: Fall 2026

Course Length: Semester

Credits: 1 Credit

Grade Level: 11, 12

Prerequisite: None

Course Number: 804

Category: Elective

Supplies Needed: N/A

Description: Students will study the basic skills needed to live independently as an adult. Topics covered include finding a place to live, finding a job, managing money, and other skills needed to fulfill their personal and professional potential.

Food Preparation

Semester: Fall 2026 & Spring 2027

Course Length: Semester

Credits: 1 Credit

Grade Level: 10, 11, 12

Prerequisite: Food & Fitness

Course Number: 806 EB

Category: Elective

Supplies Needed: N/A

Description: This course offers instruction in the fundamentals of basic cooking skills, use of equipment, kitchen safety, and basic recipes that are the foundation for all culinary learning.

Introduction to Hospitality

Semester: Spring 2027

Course Length: Semester

Credits: 1 Credit/Semester

Grade Level: 10, 11, 12

Prerequisite: None

Course Number: 808 EB

Category: Elective

Supplies Needed: N/A

Description: A concise introduction to the many areas of the hospitality industry, including food service, lodging, tourism, and recreational facilities.

Health & Physical Education

PE4Life

Semester: Fall 2026 & Spring 2027

Course Length: Semester

Credits: 1 Credit

Grade Level: 9-12

Prerequisite: None

Course Number: 440

Category: Required in PE

Supplies Needed: N/A

Description: This course provides for students opportunities to learn and practice fitness and lifelong learning activities. Units will include bowling, volleyball, football, soccer, basketball, weight training and fitness programs. Some major papers and projects are required, as determined by individual teachers; fitness tests each semester.

Sports Officiating

Semester: Fall 2026 & Spring 2027

Course Length: Semester

Credits: 1 Credit

Grade Level: 10, 11, 12

Prerequisite: None

Course Number: 451

Category: Elective

Supplies Needed: N/A

Description: This course introduces students to the fundamentals of sports officiating through a combination of online coursework and practical application. Students will explore rules, mechanics, positioning, communication, and game management in up to three different sports. Emphasis is placed on developing confidence, decision-making skills, and professionalism required of certified officials. By the end of the semester, students will have the opportunity to take the State of Iowa certification exam in at least one selected sport.

Strength & Conditioning

Semester: Fall 2026 & Spring 2027

Course Length: Semester

Credits: 1 Credit

Grade Level: 9-12

Prerequisite: None

Course Number: 441

Category: Required in PE

Supplies Needed: N/A

Description: Recommended for student athletes, strength and conditioning is committed to assist student athletes maximize their athletic potential while decreasing the chance of injury. This course is designed to teach students the various methods of strength training, plyometrics, cardiovascular fitness and nutrition. The students will participate in a personalized weight-training program that will address their specific personal fitness goals. Each student will learn the correct techniques involved in strength training, conditioning and injury prevention. Students will be required to do research on various workout programs, nutrition and other strength and conditioning topics.

Walking & Wellness

Semester: Fall 2026 & Spring 2027

Course Length: Semester

Credits: 1 Credit

Grade Level: 9-12

Prerequisite: None

Course Number: 443

Category: Required in PE

Supplies Needed: N/A

Description: Students will experience walking as a simple way to boost activity levels while improving overall wellness. Regular walking is a healthy habit that comes with a multitude of benefits. This

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course will primarily focus on self-improvement, non-competitive walking exercises, cardiovascular conditioning, simple strength exercises, flexibility activities, posture, and body composition among other areas of overall fitness and health.

Zero Hour PE

Semester: Fall 2026 & Spring 2027

Course Length: Semester

Credits: 1 Credit

Grade Level: 9-12

Prerequisite: None

Course Number: 453

Category: Required in PE

Supplies Needed: N/A

Description: Recommended for student-athletes, this course is designed to help students maximize their athletic potential while decreasing the risk of injury through structured strength and conditioning programs. Students will participate in individualized and team-based training focused on strength development, plyometrics, cardiovascular fitness, agility, flexibility, endurance, and overall sports performance.

The course emphasizes proper lifting techniques, conditioning methods, injury prevention, goal setting, teamwork, and lifelong fitness habits. Students will participate in personalized weight-training programs tailored to their individual fitness and athletic goals while learning safe and effective training practices. In addition, students will explore topics related to nutrition, workout program design, and overall wellness through research and classroom activities. Active participation, positive work ethic, and safe use of equipment are expected throughout the course.

Health

Semester: Fall 2026 & Spring 2027

Course Length: Semester

Credits: 1 Credit

Grade Level: 9-12

Prerequisite: None

Course Number: 445

Category: Required

Supplies Needed: N/A

Description: One credit health class required for all Eagle Grove High School students before graduation. Topics to be covered in Health I include personal health and wellness, goal setting, nutrition and physical exercise, mental/emotional health, drugs/alcohol prevention, sexual health, Heart Savers rescue breathing and CPR, and Stop The Bleed Training. The students will build their decision making and communication skills in these areas.

Lifestyle Health

Semester: Spring 2027

Course Length: Semester

Credits: 1 Credit

Grade Level: 9-12

Prerequisite: None

Course Number: 447

Category: Elective

Supplies Needed: N/A

Description: The purpose of this course is to help students develop decision-making, communication, interpersonal and coping skills and strategies by looking at consumer education topics and personal health topics. Course also covers Heart Savers rescue breathing and CPR, and Stop The Bleed Training.

Industrial Technology

Industrial Technology courses will benefit students interested in the Industrial/Technological Sciences career pathway. These technical education courses include the areas of; Manufacturing, Transportation, Building Trades and Vocational Education. These courses are intended to provide the basic knowledge required for both current and future technical careers. Courses will prepare students for postsecondary academic or technical education choices as well as employment preparation.

Introduction to Technology

Semester: Fall 2026 & Spring 2027

Course Length: Semester

Credits: 1 Credit

Grade Level: 9-12

Prerequisite: None

Course Number: 600

Category: Elective

Supplies Needed: N/A

Description: This course will expose students to the opportunities available in the architecture and construction industry, including occupations such as carpenter, electrician, plumber, heating/air conditioning technician, safety supervisor, architect, engineer, and other occupations. Students learn about the processes involved in construction projects and may engage in a variety of small projects. This course emphasizes responsibilities, qualifications, work environment, rewards and career paths within construction-related fields. Safety is the top priority in the shop area. Students will abide by all safety rules and standards within this course.

Laser Engraving/3D Printing

Semester: Spring 2027

Course Length: Semester

Credits: 1 Credit

Grade Level: 9-12

Prerequisite: None

Course Number: 601

Category: Elective

Supplies Needed: N/A

Description: During Laser Engraving and Production, the students will get the chance to dive deep into what our laser engraver is capable of. They will work through activities where they will be tasked with coming up with a design for a plaque, dog tag, glassware, and many more. They will also learn how to use the laser to cut through materials, as well as how to engrave on a round surface. Students will also learn the procedures and processes needed to operate a 3d Printer.

Carpentry Fundamentals

Semester: Fall 2026

Course Length: Semester

Credits: 1 Credit

Grade Level: 10, 11, 12

Prerequisite: Intro to Tech

Course Number: 603

Category: Elective

Supplies Needed: N/A

Description: This course will provide information related to the building of wooden structures, enabling students to gain an understanding of wood grades and construction methods and to learn skills such as laying sills and joists; Erecting sills and rafters; applying sheathing, siding, setting door jambs; and hanging doors. Courses may also include teaching skills for rough construction, finish work or both. Courses will also include building good work habits, and employability skills.

Framing Carpentry

Semester: Spring 2028

Course Length: Semester

Credits: 1 Credit

Grade Level: 11, 12

Prerequisite: Intro to Tech

Course Number: 604

Category: Elective

Supplies Needed: N/A

Description: This course of construction will focus on the principles of wood frame house construction. Units will include safety, hand tools, power tools, layout tools, building materials, understanding building codes and specifications. Students will complete activities involved in leveling, floor, wall and roof framing in the construction scaled model framing and/or sample construction. This would be an introductory course for those interested in the construction industry.

Woodworking

Semester: Fall 2026

Course Length: Semester

Credits: 1 Credit

Grade Level: 9-12

Prerequisite: Intro to Tech

Course Number: 606

Category: Elective

Supplies Needed: N/A

Description: Students will learn basic operation and safety about hand and power tools. Several small required projects involving basic tools will be completed. Students will make basic decisions to develop these simple projects. Power tools such as routers, band saws, jigsaws, and miter box will be used. Students will interpret plans, create a bill of materials, measure and layout and construct. Students work independently and demonstrate appropriate work habits. This class provides students with the basics of measuring, cutting, assembly, sanding and finishing of products.. Students will need to exhibit independent work habits.

Home Maintenance & Repair

Semester: Fall 2026

Course Length: Semester

Credits: 1 Credit

Grade Level: 11, 12

Prerequisite: Intro to Tech

Course Number: 602

Category: Elective

Supplies Needed: N/A

Description: The course teaches the students the skills and techniques used in carpentry, masonry, plumbing, electrical wiring, and other building trades, as related to home repair activities will include troubleshooting and repair procedures for homes and appliances. Some topics covered include home safety, framing, wiring, drywall, wiring, roofing, and many more.

Construction Technology

Semester: Spring 2027

Course Length: Semester

Credits: 1 Credit

Grade Level: 11, 12

Prerequisite: Intro to Tech

Course Number: 607

Category: Elective

Supplies Needed: N/A

Description: Students will learn about using different construction methods and procedures. This course will include applying knowledge and building skills that relate to electrical systems found in family dwellings. Topics may include cable installation, and the installation of lighting fixtures, outlets, and so on. Course will also cover the fundamentals of concrete estimating and construction of concrete pours such as sidewalks etc.

Language Arts

English I

Semester: Fall 2026 & Spring 2027

Course Length: Year

Credits: 1 Credit

Grade Level: 9

Prerequisite: None

Course Number: 1

Category: Required

Supplies Needed: N/A

Description: English I is a general English class and is structured into units that explore and give an overall representation of English/Language Arts. We will begin the year with a short non-fiction unit followed by the short story unit with class readings of “The Necklace”, “The Sniper”, and “Harrison Bergeron”, among others. This unit will cover figurative language, plot structure, character analysis, and theme. The next unit will focus on a class reading of Animal Farm. This unit will examine historical and biographical influences in writing and a variety of social issues. The second semester will begin with a public speaking unit in which students will learn to present in front of their classmates a variety of speeches including the Demonstration Speech. We will finish the 3rd quarter with a poetry unit in which students will learn the elements of poetry and analyze poetic language. The final unit in this course will focus on the progression of language and storytelling through time, character motivation, and elements of theatrical writing while reading Shakespeare’s Romeo and Juliet.

English II

Semester: Fall 2026 & Spring 2027

Course Length: Year

Credits: 1 Credit/Semester

Grade Level: 10

Prerequisite: English I

Course Number: 2

Category: Required

Supplies Needed: Notecards, Pen/Pencil, Folder

Description: English II is a general English class and is structured around the essential components of an English/Language Arts classroom. Throughout each unit, students will be responsible for acquiring age-appropriate vocabulary and broadening the scope of words they both read and use. Short stories are covered in the first unit. During this unit, students will develop an appreciation for figurative language and literary terms, rhetoric, and differences in plot structures across culture and story. Students can expect to read a wide variety of nonfiction articles and fictional short stories such as “The Interlopers”, “A Visit to Grandmothers”, and Refugee “A Rose for Emily”. The second unit will be a historical novel unit featuring Of Mice and Men. As a part of this unit, students will react to nonfiction pieces that reflect the value and history of the Great Depression. In the spring, students will begin with an extended writing unit that will address research, outlining, MLA formatting, rough drafts, final

drafts, and works cited. This will be an informative paper that uses the basic requirements of Iowa Central composition classes. The fourth quarter will be a novel unit about the experience. Students will be reading the novel Refugee. During this unit, students will read primary source documents, informational texts, and short stories about immigrants from around the world to the United States. Students in English II can expect to have grammar, usage, and mechanic lessons throughout the course.

English III

Semester: Fall 2026 & Spring 2027

Course Length: Year

Credits: 1 Credit/Semester

Grade Level: 11

Prerequisite: English II

Course Number: 3

Category: Required

Supplies Needed: N/A

Description: English III is a general English class that builds on skills obtained in English I and English II. This course is primarily a survey of American Literature in a thematic progression. We will begin with analyzing poetry from different time periods, including the Harlem Renaissance, then character development and allegories with Arthur Miller's *The Crucible*, and then finishing the semester learning about how to properly structure arguments and debate. Second semester will focus on making inferences with the text using mystery and open-ended stories. We will then move into talking about the American Dream and looking at it through the lens of different social classes with novels like *The Great Gatsby* and *A Death of a Salesman*, as well as doing our own research on the time period.

Independent Reading

Semester: Fall 2026 & Spring 2027

Course Length: Year

Credits: 1 Credit

Grade Level: 9-12

Prerequisite: None

Course Number: 10

Category: Elective

Supplies Needed: N/A

Description: This course is intended for students who wish to improve their reading skills or simply want time for leisure reading. Students will choose the books they want to read over the course of the semester and will meet weekly minute requirements for time spent reading both in class and outside of class. Each week students will have a brief conference with the instructor, which will serve as a means to guide students through their reading.

Literacy Lab

Semester: Fall 2026 & Spring 2027

Course Length: Year

Credits: 1 Credit

Grade Level: 9-12

Prerequisite: None

Course Number: 6

Category: Elective

Supplies Needed: Pencil/Pen, Highlighter, Notecards, Folder, Spiral notebook or loose leaf paper

Description: This is a course for 9-12 grade students who are working to improve their reading comprehension and fluency. The goal of this class is to remediate reading deficits for struggling readers. This course focuses on comprehension skills through short in-class readings and read-aloud novels, but also targets vocabulary development and fluency. This course features independent student reading, short written responses, and group work.

Creative Writing

Semester: Fall 2027

Course Length: Semester

Credits: 1 Credit/Semester

Grade Level: 9-12

Prerequisite: None

Course Number: 8

Category: Elective

Supplies Needed: N/A

Description: This class is designed to strengthen writing skills through opportunities for creativity. Students will explore creative non-fiction and fiction writing as well as poetry. Students will hone their writing skills through the development of characterization, dialogue, voice, description, and style over a common thematic unit in a Multi-Genre paper. This course may only be taken once.

Film Study

Semester: Fall 2026

Course Length: Semester

Credits: 1 Credit/Semester

Grade Level: 11, 12

Prerequisite: English II

Course Number: 5

Category: Elective

Supplies Needed: N/A

Description: This class teaches students how to appreciate, analyze and interpret theme, character, story structure and narrative technique through the medium of film. Students will Read screenplays, analyze shots, research film history, study and critique directors. Students will also write reviews and a comparison between films and how they have changed from the original and the remake. This course may only be taken once.

Applied English & Communications

Semester: Spring 2027

Course Length: Semester

Credits: 1 Credit/Semester

Grade Level: 11-12

Prerequisite: None

Course Number: 7

Category: Elective

Supplies Needed: N/A

Description: This course is intended for students interested in developing real-world skills and applications in the areas of reading, writing, and researching. Students will learn how to conduct practical research for everything from how to do your taxes, to how to plan for your next vacation. We will explore literature related to individual student interests and career goals and writing goals will include practical applications such as how to appropriately respond to an email from your child's teacher or how to professionally ask for a transfer to a different position at your place of work. We will explore instructional manuals and "how-to" websites to learn how to get the information you need as efficiently as possible. In addition, we will explore ways to improve your communication skills so that you can earn additional income on platforms such as YouTube. This course is designed to answer the question, "When will I ever use this in real life?"

Yearbook

Semester: Fall 2026 & Spring 2027

Course Length: Year

Credits: 1 Credit/Semester

Grade Level: 10, 11, 12

Prerequisite: None

Course Number: 9

Category: Elective

Supplies Needed: N/A

Description: This full-year course publishes the high school yearbook. In this course, students will gain skills in the following areas: page design, publishing techniques, copy writing, editing, photography, record keeping, time management, teamwork, marketing, and leadership skills. This course offers real-world experience as students sell ads in the community and publish a final product sold to students and community members.

Composition I

Semester: Fall 2026

Course Length: Semester

Credits: 1 Credit/Semester

Grade Level: 12

Prerequisite: English III

Course Number: 16 EB

Category: Elective

Supplies Needed: N/A

Description: This semester-long writing course is a dual-credit course with Iowa Central Community College. This course is recommended for students who C or above in English III and a COMPASS score of 65-100. Three semester hours of college credit through ICCC will be earned with successful completion with a C or higher grade. The emphasis is informative writing in the form a narrative essay, a research paper, and an evaluative paper. Turn-it-in.com, a plagiarism program will be utilized so students must learn to paraphrase as well as document accurately.

Composition II

Semester: Spring 2027

Course Length: Semester

Credits: 1 Credit/Semester

Grade Level: 12

Prerequisite: Composition I

Course Number: 17 EB

Category: Elective

Supplies Needed: N/A

Description: This semester-long writing course is a dual-credit course with Iowa Central Community College. This course is recommended for students who received a C or higher in Composition I. Three hours of college credit through ICCC will be earned with successful completion. The emphasis is persuasive writing in the forms of rhetorical analysis, position paper, and a proposal. The high school's plagiarism program will be utilized so students must learn to paraphrase as well as document accurately.

Public Speaking

Semester: Spring 2027

Course Length: Semester

Credits: 1 Credit/Semester

Grade Level: 12

Prerequisite: English III

Course Number: 18 EB

Category: Elective

Supplies Needed: N/A

Description: This dual credit course is offered 2nd semester only. This course is recommended for students who received a C or higher in Composition I. This course is designed to develop the basic skills of oral communication by studying the process and theory of communication. Emphasis is placed on the preparation and delivery of individual and group presentations in various speaking situations. Students will perform four cornerstone speeches, but shorter extemporaneous speeches will be scattered throughout the course.

Mathematics

Math courses are sequential and prerequisites must be met. Students are enrolled as freshmen based on school recommendation for Algebra 1, Algebra 1 & Foundational Math, or Consumer Math. Teacher recommendation, assessment scores, classroom work ethic, and other factors are considered. School-issued devices have access to calculators; however, students are encouraged to purchase a handheld scientific calculator (TI 30 X II S or similar)

To address standards, students take 2 courses in algebraic reasoning (Algebra 1 & Algebra 2) and 1 course in geometrical reasoning (Geometry). Algebra 1 is a prerequisite. In general, high school students take Algebra 1, Geometry, and Algebra 2 to meet requirements. They then have some elective options when offered like: Trigonometry, Pre-Calculus, H.S. Calculus, and College Statistics.

Students planning to attend college are highly encouraged to take math courses all 4 years.

Foundational Algebra

Semester: Fall 2026 & Spring 2027

Course Length: Year

Credits: 1 Credit/Semester

Grade Level: 9

Prerequisite: Approval

Course Number: 123

Category: Elective

Supplies Needed: Scientific Calculator (TI-30 X II S or similar), 8 pack of EXPO markers (black)

Description: This course is taken concurrently with Algebra I and provides support in skills and concepts needed to be successful in Algebra I. Content may include but is not limited to: linear equations inequalities and systems; one and two-variable statistics; and linear, quadratic, and exponential functions.

Foundational Geometry

Semester: Fall 2026 & Spring 2027

Course Length: Year

Credits: 1 Credit/Semester

Grade Level: 10-12

Prerequisite: Approval

Course Number: 123

Category: Elective

Supplies Needed: 3 ring binder (1-1.5 inch) or folders, paper, pencils, checking pens (not blue or black), highlighters, notecards, Scientific Calculator (TI-30 X II S or similar), Compass & Protractor, Kleenex, 8 pack of EXPO markers (black)

Description: This course is taken concurrently with Geometry and provides support in skills and concepts needed to be successful in Geometry. Content may include but is not limited to: constructing arguments with claim-evidence-reasoning strategies, Construction of geometric figures, rigid motions, dilations, ratios and proportions, volume, area, perimeter, and probability.

Algebra I

Semester: Fall 2026 & Spring 2027

Course Length: Year

Credits: 1 Credit/Semester

Grade Level: 9-12

Prerequisite: None

Course Number: 102

Category: Required

Supplies Needed: Scientific Calculator (TI-30 X II S or similar), 8 pack of EXPO markers (black)

Description: This is a full year course that will take students from their mastery of basic math facts prior to high school (using integers, fractions, and/or decimals) to using these facts in abstract situations. The properties of the real number system will be incorporated into use with variables, polynomials, equations, and inequalities. Content is not limited to: One and Two-Variable Statistics, Linear mathematics, Linear Systems, Basics of Functions, Exponential Functions, and Quadratic Functions. School issued laptops have access to the Desmos calculators.

Algebra II

Semester: Fall 2026 & Spring 2027

Course Length: Year

Credits: 1 Credit/Semester

Grade Level: 10, 11, 12

Prerequisite: Algebra I

Course Number: 103

Category: Required

Supplies Needed: 3 ring binder (1-1.5 inch) or folders, paper, pencils, checking pens (not blue or black), highlighters, notecards, Scientific Calculator (TI-30 X II S or similar), Kleenex, 8 pack of EXPO markers (black)

Description: This is a full year course that builds on and further refines the basic concepts that were initiated in Algebra I. It will expose students to the powerful mathematical system that can be used to solve problems that are more complex than those in Algebra I. Content is not limited to: Sequences, Polynomial & Rational Functions, Complex Number System, Exponential Functions, Transformations, and Introductions to Trigonometry and Statistics. Emphasis is on reasoning abilities, use of prior knowledge in new situations, logical thinking, deductive thinking and computational skills. Students will develop problem-solving skills that will enable them to solve various problems. This course introduces a variety of concepts to prepare students for the many possible pathways of the future including science, engineering, math, business, health, etc. School issued laptops have access to the Desmos calculators.

Geometry

Semester: Fall 2026 & Spring 2027

Course Length: Year

Credits: 1 Credit/Semester

Grade Level: 10, 11, 12

Prerequisite: Algebra I

Course Number: 104

Category: Required

Supplies Needed: 3 ring binder (1-1.5 inch) or folders, paper, pencils, checking pens (not blue or black), highlighters, notecards, Scientific Calculator (TI-30 X II S or similar), Compass & Protractor, Kleenex, 8 pack of EXPO markers (black)

Description: Geometry is a full year course designed to expand the student's understanding of geometric concepts and improve their logical reasoning skills. There will be an emphasis on deductive reasoning through the use of theorems, definitions, and proofs. Students will spend significant time constructing arguments and providing detailed mathematical explanations for math concepts. Students will learn to construct shapes and formal definitions for transformations such as rotations and dilations. These topics may include sets of planes, triangles, parallels, perpendiculars, polygons, quadrilaterals, similarity and congruence, circles, constructions, and introductions to right triangle trigonometry and probability. In the first unit, students will learn how to construct various geometric figures

Pre-Calculus

Semester: Fall 2026 & Spring 2027

Course Length: Year

Credits: 1 Credit/Semester

Grade Level: 11, 12

Prerequisite: 2 Algebras and 1 Geometry

Course Number: 107

Category: Elective

Supplies Needed: 3 ring binder (1-1.5 inch) or folders, paper, pencils, checking pens (not blue or black), highlighters, notecards, Scientific Calculator (TI-30 X II S or similar), Kleenex

Description: A full year college-preparatory course similar to a College Algebra course. It builds on and further refines the basic concepts that were introduced in previous courses. Previous topics will be looked at from a more abstract perspective. Theorems are given to help solve more complex problems than previously seen. This class will provide the foundation for Calculus. Content is not limited to: Functions, Quadratic Equations, Polynomials, Algebraic Formulas, Exponentials, Logarithms, Systems of functions, Matrices, Determinants, Conic Sections, Trigonometry.

Trigonometry

Semester: Spring 2027

Course Length: Semester

Credits: 1 Credit/Semester

Grade Level: 11, 12

Prerequisite: 2 Algebras & 1 Geometry

Course Number: 105

Category: Elective

Supplies Needed: 3 ring binder (1-1.5 inch) or folders, paper, pencils, checking pens (not blue or black), highlighters, notecards, Scientific Calculator (TI-30 X II S or similar), Kleenex

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Description: Trigonometry is a one semester college-preparatory class. The course content includes trigonometric functions in the coordinate plane, right triangles, and circular definitions, angles of rotation, radian measurements, and an introduction to vectors. Emphasis is on the application of prior mathematical knowledge when using trigonometric functions. Real-life applications are integrated throughout the course to emphasize the connection between mathematical concepts and problem solving. School issued laptops have access to the Desmos calculators.

Statistics

Semester: Fall 2026

Course Length: Semester

Credits: 4 College Credits

Grade Level: 11, 12

Prerequisite: Algebra II and Current Cumulative HS GPA 2.8 or above

Course Number: 106

Category: Elective

Supplies Needed: 3 ring binder (1-1.5 inch) or folders, paper, pencils, checking pens (not blue or black), highlighters, notecards, scientific calculator, School-Issued Device, Kleenex

Description: Iowa Central Community College Credit Course. This is a course in basic probability and statistics which includes the study of frequency distributions, measures of central tendency and dispersion, elements of statistical inference, regression, and correlation. This course will also help students gain mathematical literacy which will be of vital significance when making important life decisions. In addition, this course will help with any career that involves mathematics, decision making, or problem-solving. This course satisfies a general education requirement in the Math/Science area for ICCC.

Calculus

Semester: Spring 2028

Course Length: Year

Credits: 1 Credit/Semester

Grade Level: 11, 12

Prerequisite: Pre-Calculus

Course Number: 108

Category: Elective

Supplies Needed: 3 ring binder (1-1.5 inch) or folders, paper, pencils, checking pens (not blue or black), highlighters, notecards, scientific calculator, Kleenex

Description: High School Calculus is not college credit but will follow similar college level content. Calculus is for those students who have successfully completed the Pre-Calculus Mathematics course and plan to pursue college disciplines involving upper level mathematics. Topics include but are not limited to: Review of functions and trigonometry, limits, tangent lines, rate of change of a function, derivatives, applications of derivatives, and an introduction to integration. We will be learning a variety of uses for graphing calculators both handheld and online. School issued laptops have access to the

Desmos calculators. Graphing Calculators (TI-84+) is highly recommended but can be loaned out from the teacher.

Music

Instrumental Music

Semester: Fall 2026 & Spring 2027

Course Length: Year

Credits: 1 Credit/Semester

Grade Level: 9-12

Prerequisite: None

Course Number: 400

Category: Elective

Supplies Needed: Long black socks and all black shoes (all year). Nice black shirt and pants (December-May). Students will also need instrument-specific supplies for their instrument (reeds, oil/grease, etc.). These supplies can be purchased from Rieman Music in Fort Dodge, online, or through the teacher at school (with money in advance, option is not preferred). The instrument-specific supply list can be found [HERE](#).

Description: While in this course students will study a variety of quality wind band literature in preparation for concerts, festivals, competitions, solo/ensemble festivals, football/basketball games, parades, as well as other school and community events. Students in this course participate in marching band in the fall and pep band in the winter of each year. During marching band, students will be required to attend morning practices before the regular school day. Attendance at all performances is required. As part of this course, individual/small group lessons are required and provided throughout the school year.

Mixed Choir

Semester: Fall 2026 & Spring 2027

Course Length: Year

Credits: 1 Credit/Semester

Grade Level: 9-12

Prerequisite: None

Course Number: 401

Category: Elective

Supplies Needed: Black pants, black shoes, black socks (for concert attire), pencil for folder, tissues

Description: This is a co-ed musical group open to all. Students will have a weekly choral lesson and participate in the musical theater production, winter concert, variety show, spring concert, state large group contest and commencement.

Music Theory I

Semester: Fall 2026 & Spring 2027

Course Length: Semester

Credits: 1 Credit/Semester

Grade Level: 9-12

Prerequisite: None

Course Number: 403A

Category: Elective

Supplies Needed: 3-ring binder, pocket folder

Description: This course offers all students the opportunity to further their understanding of how music works. Students in this course learn about all of the elements of music including pitch, intervals, scales/keys, chords, meter, and rhythm. Students will progress from basic knowledge like reading notes to creating their own small compositions.

Music Theory II

Semester: Fall 2026 & Spring 2027

Course Length: Semester

Credits: 1 Credit/Semester

Grade Level: 9, 10, 11, 12

Prerequisite: Music Theory I or instructor approval

Course Number: 403B

Category: Elective

Supplies Needed: 3-ring binder, pocket folder, notecards

Description: This course is designed to offer students advanced instruction in music theory and composition. This course is strongly recommended for students considering music as a college major, and for others who desire a more in-depth understanding of the structure of music.

History of Rock-N-Roll

Semester: Fall 2026 & Spring 2027

Course Length: Semester

Credits: 1 Credit/Semester

Grade Level: 9-12

Prerequisite: None

Course Number: 404

Category: Elective

Supplies Needed: N/A

Description: This course offers students the opportunity to learn the history and development of Rock and Roll music, from southern roots in the Delta Blues through the British Invasion and the Beatles. Also covered, is the birth of the American teenager and the influence of teenagers on the development of Rock and Roll and popular culture. Students will participate in class discussions, view source material for lessons, write short essays, and analyze music.

School to Work

iJAG - 9/10

Semester: Fall 2026 & Spring 2027

Course Length: Year

Credits: 1 Credit/Semester

Grade Level: 9-10

Prerequisite: None

Course Number: 908

Category: Elective

Supplies Needed: N/A

Description: This course introduces students to career exploration, leadership development, and essential employability skills. Students identify personal strengths and interests while building skills in communication, teamwork, and goal setting. Through hands-on activities, guest speakers, career-centered field trips, and service learning, students begin preparing for future education and career pathways.

iJAG - 11/12

Semester: Fall 2026 & Spring 2027

Course Length: Year

Credits: 1 Credit/Semester

Grade Level: 11-12

Prerequisite: None

Course Number: 908

Category: Elective

Supplies Needed: N/A

Description: This course prepares students for life after high school, including careers, college, or military service. Students develop advanced employability skills such as networking, resume writing, interviewing, and financial literacy. Emphasis is placed on real-world experiences, including guest speakers, career-centered field trips, and completing a personalized transition plan for postsecondary success.

TAG

Semester: Fall 2026 & Spring 2027

Course Length: Year

Credits: 1 Credit/Semester

Grade Level: 9-12

Prerequisite: None

Course Number: 916

Category: Approval

Supplies Needed: N/A

Description: This course is for students who qualify for TAG under the district's 9-12 TAG qualifications requirements. This course is to allow students to dig deeper into their passion areas and do projects that are of interest to them. It is also paired with classroom instruction on various topics to help create more well-rounded students. Older students will also receive help in college searching, prep, and scholarship writing.

Workplace Experience

Semester: Fall 2026 & Spring 2027

Course Length: Semester

Credits: 1 credit

Grade Level: 12

Prerequisite: None

Course Number: 905

Category: Required for Honors and High Honors

Supplies Needed: NA

Description: Students are able to enroll in this exploratory course for hands-on workplace experiences, either paid or unpaid. Students routinely work with their workplace supervisor and coordinator with the school. Reflective assignments and hands-on workplace assessments may be expected in this course.

College, Career, and Life Skills

Semester: Fall 2026 & Spring 2027

Course Length: Semester

Credits: 1 credit

Grade Level: 9-12

Prerequisite: None

Course Number: 921 EB

Category: Recommended prerequisite to college level courses

Supplies Needed: NA

Description: SDV 300 is a three-credit college success course designed to support students transitioning from high school to postsecondary education and the workforce. The course integrates academic success strategies, career exploration, and professional readiness skills aligned with institutional and workforce expectations.

Science

Biology

Semester: Fall 2026 & Spring 2027

Course Length: Year

Credits: 1 Credit/Semester

Grade Level: 9

Prerequisite: None

Course Number: 201

Category: Required

Supplies Needed: Composition Notebook (2), pens/pencils, disposable tape dispenser/tape, Kleenex

Description: Students in Biology will use science practices such as modeling, arguing with evidence and analyzing data to explain unit-anchoring phenomena like changes in local ecosystems and urbanization. Students engage in these and other science practices to build, deepen, and apply their knowledge of core science ideas and crosscutting concepts. In each unit, cross cutting concepts such as cause/effect, patterns, structure/function and systems help students develop a coherent and scientifically-based view of the world around them. Each unit has a driving question related to the phenomenon, such as “What are the benefits and burdens of being part of a complex ecosystem?” and “Who gets cancer and why?”. The integration of earth and space science and engineering concepts (ie.: human sustainability, earth systems) support students in deepening their understanding of the biology concepts in this course. There are five life science topics for high school: 1) Structure and Function, 2) Inheritance and Variation of Traits, Matter and Energy in Organisms and Ecosystems, 4) Interdependent Relationships in Ecosystems, and 5) Natural Selection and Evolution (Organisms change over time). Other topics that scaffold across the high school curriculum are also included (energy and energy transfer). All of the biology and earth science standards in this course meet the Iowa expectations of a college and career-ready pathway to graduation.

Chemistry

Semester: Fall 2026 & Spring 2027

Course Length: Year

Credits: 1 Credit/Semester

Grade Level: 10

Prerequisite: Biology

Course Number: 203

Category: Required

Supplies Needed: Composition Notebook, Scissors, Tape or Glue Stick, Box of No. 2 Pencils, 2 Boxes of Kleenex

Description: Students in Chemistry will use science practices such as developing and using models, planning and conducting investigations, using mathematical thinking, constructing explanations, and designing solutions, asking questions, engaging in argument from evidence, and obtaining, evaluating and communicating scientific and technical information to explain unit-anchoring phenomena like polar ice and lightning. Students engage in these and other practices to build, deepen, and apply their knowledge of core science ideas and crosscutting concepts to answer questions like “What causes lightning and why are some places safer than others when it strikes?” and “Why are oysters dying and how can we use chemistry to protect them?”. In each unit, cross cutting concepts such as patterns, energy and matter, and structure and function, stability and change help develop a coherent and scientifically-based view of the world. The integration of the earth and space science and engineering concepts such as weather and climate support a deeper understanding of the science concepts in this

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course. Some chemistry topics for high school include Structure and Properties of Matter, Chemical Reactions, and Energy. All of the chemistry and earth science standards in this course meet the Iowa expectations of a college and career-ready pathway to graduation.

Physics

Semester: Fall 2026 & Spring 2027

Course Length: Year

Credits: 1 Credit/Semester

Grade Level: 11

Prerequisite: Chemistry

Course Number: 201

Category: Required

Supplies Needed: Composition Notebook, Scissors, Tape or Glue Stick, Box of No. 2 Pencils, 2 Boxes of Kleenex

Description: Students in Physics will use science practices such as developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations and designing solutions, asking questions, using engaging in argument from evidence, and obtaining, evaluating and communicating information to explain unit anchoring phenomena like blackouts, meteors, and microwaves. Students engage in these and other practices to build, deepen, and apply their knowledge of core science ideas and crosscutting concepts to answer questions like “How can we slow the flow of energy on Earth to protect vulnerable coastal communities?” and “How can we design more reliable systems to meet our communities’ energy needs?”. In each unit, cross cutting concepts such as cause/effect; systems and system models, and stability & change, and energy and matter help to develop a coherent and scientifically-based view of the world. The integration of the earth and space science and engineering concepts (ie: plate tectonics, stars, and gravity) support deeper understanding of the physics concepts in this course. Physical science topics for high school include 1) Forces and Interactions, Forces and Motion and Types of Interactions, Waves and Electromagnetic Radiation. Definitions of Energy, Conservation of Energy and Energy Transfer, the Relationship between Energy and Forces , Wave Properties, Electromagnetic Radiation, and Information Technologies All of the physical science and earth science standards in this course meet the Iowa expectations of a college and career ready pathway to graduation.

Advanced Physics

Semester: Fall 2026 & Spring 2027

Course Length: Year

Credits: 1 Credit/Semester

Grade Level: 10, 11, 12

Prerequisite: Physics

Course Number: 202

Category: Elective

Supplies Needed: Composition Notebook, Scissors, Tape or Glue Stick, Box of No. 2 Pencils, 2 Boxes of Kleenex

Description: This year-long Advanced Physics course is designed for high school students who have a strong foundation in mathematics and a keen interest in understanding the principles that govern the physical world. The course covers a broad range of topics, including classical mechanics, energy, waves, thermodynamics, electricity and magnetism, and an introduction to modern physics concepts such as quantum mechanics and relativity. Students study the relationships between force, motion and energy. Units include force, vectors, motion in two directions, projectile motions, Newton's laws of motion, Kepler's laws of planetary motion, momentum sound and electricity.

Students will engage in hands-on experiments, problem-solving, and simulations to deepen their understanding of complex concepts and develop critical thinking skills. The course emphasizes the application of mathematical techniques, including algebra, trigonometry, and introductory calculus, to analyze and predict physical phenomena.

This course prepares students for college-level physics and STEM-related fields by fostering a comprehensive understanding of physics and its real-world applications. Students will complete individual and group projects, participate in scientific inquiry, and explore the connections between physics and advancements in technology and engineering.

Environmental Sciences

Semester: Fall 2026

Course Length: Semester

Credits: 1 Credit/Semester

Grade Level: 9-12

Prerequisite: None

Course Number: 205

Category: Elective

Supplies Needed: Composition Notebook (2), pens/pencils, disposable tape dispenser/tape, binder or folder, Kleenex

Description: This course is designed to introduce the student to the relationships between our lives and the world we live in. Units studied include, biological evolution: unity and diversity, earth systems, earth and human activity. After completion of this class, the student will have a better understanding of the world they live in and how it is constantly changing.

Anatomy & Physiology

Semester: Fall 2026 & Spring 2027

Course Length: Year

Credits: 1 Credit/Semester

Grade Level: 10, 11, 12

Prerequisite: Biology

Course Number: 206

Category: Elective

Supplies Needed: Binder or Folder, Pens/Pencils, Colored Pencils, notecards

Description: This course takes a systematic approach to human anatomy. Each system is studied individually and then tied together with each preceding system. This course will also look at disease and how it affects each system and the body as a whole.

Biotechnology

Semester: Fall 2026

Course Length: Semester

Credits: 1 Credit/Semester

Grade Level: 11, 12

Prerequisite: Biology and Chemistry

Course Number: 207

Category: Elective

Supplies Needed: Composition Notebook (1 each semester), pens/pencils, disposable tape dispenser/tape

Description: Introduction to Biotechnology is designed as an initial survey course to immerse the student in the techniques, applications and societal issues that focus on Genetic Engineering, DNA Technology, and Cellular Engineering. The course will emphasize recombinant DNA technology and present numerous examples of products produced through biotechnology. Students may have the opportunity to partner with local businesses as part of this course as well.

Greenhouse Operations & Pollination Ecology WBL

Semester: Spring 2027

Course Length: Semester - 2 periods

Credits: 2 Credit/Semester

Grade Level: 10, 11,12

Prerequisite: Biology

Course Number: 207

Category: Elective

Supplies Needed: Science Composition Notebook (must be bound), Calculator, Pen

Description: Students in this course will focus on the Science and Engineering Practices (the doing of science) outlined by the next generation science standards. This science course will be guided by real world problems or projects posed by local businesses. Students will spend time on campus and at local businesses as part of the work based component. Students who enroll in this course must be self starters, capable of following directions without reminders, effective communicators and of course have a curious and questioning mind. Only a select number of juniors and seniors will be enrolled and this course will be a 2 credit science course offered over a blocked two periods during the spring semester.

Social Studies

World History

Semester: Fall 2026 & Spring 2027

Course Length: Year

Credits: 1 Credit/Semester

Grade Level: 9

Prerequisite: None

Course Number: 300

Category: Required

Supplies Needed: N/A

Description: This course traces the development and geography of our western civilization and cultures from its origin to the present time. Contributions of the various civilizations and their cultural heritage are presented with an emphasis placed on academic endeavors to enable the student to be successful in a college or university setting.

American History

Semester: Fall 2026 & Spring 2027

Course Length: Year

Credits: 1 Credit/Semester

Grade Level: 10

Prerequisite: World History

Course Number: 301

Category: Required

Supplies Needed: Notebook, Pens/Pencils

Description: The goal of American History is to give every student the opportunity to appreciate American history from Reconstruction to the Vietnam War. The economy, leaders, politics, inventions and culture of the United States during this time period will be included.

American Government

Semester: Fall 2026 & Spring 2027

Course Length: Semester

Credits: 1 Credit

Grade Level: 12

Prerequisite: American History

Course Number: 303

Category: Required

Supplies Needed: Notebook, Pens/Pencil

Description: The goal of American Government is to develop enlightened citizens who believe in the values of a free society and who know and appreciate our federal system of government. This course will focus on the US Constitution, as well as the federal, state, and local levels of government. Further, the role of the US government in affairs both foreign and domestic will be studied. If a student is planning on enrolling in the Career Academy during their senior year, this class may be taken as a junior with administration approval.

World Geography

Semester: Fall 2026

Course Length: Semester

Credits: 1 Credit/Semester

Grade Level: 9-12

Prerequisite: None

Course Number: 302

Category: Elective

Supplies Needed: N/A

Description: This one semester course will focus on the five themes of geography and will enable the student to see the connection between their current world and the global world that has emerged around them. We will focus on these themes as a roadmap to the different regions of the world, and how the countries and their people are increasingly interdependent on each other in today's society.

Contemporary U.S. Issues

Semester: Fall 2026

Course Length: Semester

Credits: 1 Credit/Semester

Grade Level: 11, 12

Prerequisite: None

Course Number: 305

Category: Elective

Supplies Needed: N/A

Description: Contemporary U.S. Issues courses study the political, economic, and social issues facing the United States, with or without an emphasis on state and local issues. These courses may focus on current issues or may examine selected issues that span throughout the 20th century to the present.

Contemporary World Issues

Semester: Spring 2027

Course Length: Semester

Credits: 1 Credit/Semester

Grade Level: 11, 12

Prerequisite: None

Course Number: 306

Category: Elective

Supplies Needed: N/A

Description: Contemporary World Issues courses study the political, economic, and social issues facing society on a world scale. These courses may focus on current issues or may examine selected issues that span throughout the 20th century to the present.

Introduction to Psychology

Semester: Fall 2026

Course Length: Semester

Credits: 1 Credit/Semester

Grade Level: 10, 11, 12

Prerequisite: None

Course Number: 310

Category: Elective

Supplies Needed: N/A

Description: This course examines the basic psychological processes of personality, social behavior, motivation, intelligence, and learning, with an emphasis on the language of modern psychology. Developing a basic understanding of psychology will help you to develop critical thinking skills, become a better consumer of information relating to human behaviors and mental processes, navigate social and occupational relationships, increase your emotional intelligence. Introduction to Psychology is a popular elective for many majors and transfers easily to other colleges. Potential careers include corrections officer, social work assistant, human resource specialist, and guidance counselor.

Developmental Psychology

Semester: Spring 2027

Course Length: Semester

Credits: 1 Credit/Semester

Grade Level: 10, 11, 12

Prerequisite: None

Course Number: 310

Category: Elective

Supplies Needed: N/A

Description: This course examines the fundamental patterns of human development from conception to death within the physical, cognitive, social, and emotional domains. Each developmental period is examined through demands of the American culture. Contemporary research relating to different ages is reviewed. Learning about human development will add a deeper understanding of the physical, cognitive, social, and emotional growth across the lifespan, improve your ability to understand and interact with children, develop greater understanding of human relationships, and advance your critical thinking skills. Developmental Psychology is a popular elective for many majors and transfers easily to other colleges. Potential careers include social work assistant, group home manager, human resource specialist, early childhood specialist, and guidance counselor.

U.S. History to 1877

Semester: Fall 2026

Course Length: Semester

Credits: 1 Credit/Semester

Grade Level: 11, 12

Prerequisite: None

Course Number: 307 EB

Category: Elective

Supplies Needed: Notebook, pencils

Description: This course includes the political, socio-cultural, and economic factors in the development of American Civilization from the earliest European explorers until the end of the Civil War and Reconstruction. The course will focus on the changing aspirations and behavior of ordinary Americans as well as the transformative achievements of the powerful and famous. The objective is to understand not only what happened, but also why it happened. The course will allow students to analyze critically the significance of race, ethnicity, religion, class, and gender in the American Experience and prepare students to make their own judgments about the relative importance of different factors in shaping the American past. Major Research paper. Teacher expectations: The student will participate in lecture, classroom discussion, and group projects. Semester test will be comprehensive.

U.S. History Since 1877

Semester: Spring 2027

Course Length: Semester

Credits: 1 Credit/Semester

Grade Level: 10, 11, 12

Prerequisite: None

Course Number: 308 EB

Category: Elective

Supplies Needed: Notebook, pencils

Description: This course includes the political, socio-cultural, and economic factors in the development of American Civilization from the earliest European explorers until the end of the Civil War and Reconstruction. The course will focus on the changing aspirations and behavior of ordinary Americans as well as the transformative achievements of the powerful and famous. The objective is to understand not only what happened, but also why it happened. The course will allow students to analyze critically the significance of race, ethnicity, religion, class, and gender in the American Experience and prepare students to make their own judgments about the relative importance of different factors in shaping the American past. Major Research paper. Teacher expectations: The student will participate in lecture, classroom discussion, and group projects. Semester test will be comprehensive.

Western Civilization

Semester: Spring 2027

Course Length: Semester

Credits: 1 Credit/Semester

Grade Level: 10, 11, 12

Prerequisite: None

Course Number: 309 EB

Category: Elective

Supplies Needed: Notebook, pencils

Description: This course is a comprehensive study of the major political, social, economic, cultural, and philosophical movement in Western Civilization from the Stone Age to the Age of Enlightenment. This course will help students to be able to dissect a multitude of incoming information, sorting the

EGHS Course Guide (Spring 2026)

pertinent from the irrelevant, in order to analyze, evaluate, synthesize, or apply the information to a defensible conclusion. Teacher Expectations: The students will participate in the Socratic method of education whereby they will be asked questions and their answers questioned. They will participate in discussion reading, writing, and group activities.

World Language

Spanish I

Semester: Fall 2026 & Spring 2027

Course Length: Year

Credits: 1 Credit/Semester

Grade Level: 9-10

Prerequisite: None

Course Number: 460

Category: Elective

Supplies Needed: N/A

Description: First in a four-year sequence, this class introduces students to the Spanish language and focuses on basic words and phrases. All of the communication processes – listening, speaking, reading and writing – are used and assessed. Major paper and projects: describe yourself and friend, a dream room, describe a family, role-playing many different situations in Spanish.

Spanish II

Semester: Fall 2026 & Spring 2027

Course Length: Year

Credits: 1 Credit/Semester

Grade Level: 10, 11, 12

Prerequisite: Spanish I

Course Number: 461

Category: Elective

Supplies Needed: N/A

Description: Second in a four-year sequence, this class will assist students in further developing the skills introduced in Spanish I. Oral communication is emphasized as students practice using the language in real-life situations. All of the communication processes – listening, speaking, reading, and writing – are used and assessed. Use of Spanish is required at all times. Major papers and projects include fashion, role-playing, shopping, going to a restaurant and telephone conversations, and writing an autobiography.

Spanish III

Semester: Fall 2026 & Spring 2027

Course Length: Year

Credits: 1 Credit/Semester

Grade Level: 11, 12

Prerequisite: Spanish II

Course Number: 462

Category: Elective

Supplies Needed: N/A

Description: Third in a four-year sequence, this class will build proficiency and further develop skills. More verb tenses are taught. Students are expected to take their knowledge to the next level by applying Spanish at all times. All of the communication processes – listening, speaking, reading, and writing – are used and assessed at a more advanced level. Major papers & projects: skits, ten-year class reunion, future predictions stories, and written papers on various topics.

Spanish IV

Semester: Fall 2026 & Spring 2027

Course Length: Year

Credits: 1 Credit/Semester

Grade Level: 12

Prerequisite: Spanish III

Course Number: 463

Category: Elective

Supplies Needed: N/A

Description: Students who complete the four years of Spanish work towards more proficiency in the five C's of the national standards: communication, culture, connections, comparisons, and communities. There is a review of all verb tenses and a more intense study of advanced vocabulary and grammar. All of the communication processes – listening, speaking, reading, and writing – are used and assessed. Students must speak Spanish at all times. Major papers and projects: debating issues and comparing the past with the future. Individualized studies geared toward career choices, and written papers on famous Hispanics in history and other various topics.

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Course Policies

Course Selection and Change Policy

Students should select courses carefully with the assistance of their families, teachers and the Counseling Office. Requests for course changes should be the exception. We will attempt to construct a schedule that will let students take the courses they request. Once student requests courses for the upcoming year, the acceptable Reasons for Changing REQUESTS are:

- Computer and/or clerical error. Course requests will be entered by the student into Infinite Campus, if there is an error in the clerical move within Infinite Campus, the change will be considered for approval.

- Special Education/At-Risk/ELL/Special Programming placement changes. The course request change must be related to the student's need for a course based upon placement.
- Failure to meet a course prerequisite.
- Seniors who must enroll in a course to meet graduation requirements or college entrance requirements. Students will need to provide documentation for the change to be considered for approval.
- The option to drop or add a course must be approved within the first (3 days in fall, 1 day in spring) in which classes meet at the beginning of the semester.

Repeating Courses

Students may repeat elective courses previously taken. If students choose to repeat a class, please be aware of the following guidelines:

- Students can not repeat a course that has been used as a prerequisite for the subsequent course.
- Students may not repeat a course more than once.
- Acceptance into a class is subject to availability of seats in the class.

College Credit Courses

Students at Eagle Grove High School have the opportunity to earn college credit during their high school years through Earlybird, Senior Year Plus (SYP), and Career Academy courses.

College-Credit Concurrent Enrollment (Earlybird)

This option allows students to earn college credit through courses taught at Eagle Grove High School by EGHS staff members meeting the qualifications set by the post-secondary institution. Students in these courses can earn "dual credit" (both high school and college credit) upon successful completion of the course. Students cannot enroll in a dual-credit course and receive only high school credit. Some courses require minimal scores as required by ICCC to enroll.

Composition I

US History to 1877

US History Since 1877

Public Speaking

Western Civilization

Intro to Psychology

Intro to Hospitality

Composition II

Human Relations

Statistics

Senior Year Plus (College-Credit Online Courses)

Online college courses offered through Iowa Central Community College are available for students to earn college without having to attend a college campus. These courses are designed to be asynchronous where the learner can work at their own pace throughout the week. Weekly deadlines for forums, assignments, and assessments are required to help students continue on a learning path throughout the term. There are 60+ courses to choose from. They are provided at no cost to the student. The student must enroll through the high school counselor. Students must meet minimum requirements to enroll in the class. Link to all online courses : https://www.iowacentral.edu/online_learning/dl_courses.asp

Online courses are classes that are taught through Iowa Central Community College's (ICCC) iNet/Triton Pass. Online courses do have weekly deadlines and it is highly recommended for students to stay on task. These courses follow the ICCC calendar, therefore MUST be completed by the end of ICCC's term. The students are completely on their own, in regards to monitoring their progress and grades throughout the semester. Online course requests will be determined on a case-by-case basis, but cannot replace courses currently offered on campus. Typically, scheduling issues drive the necessity for taking a course online. Online courses must be approved by a school counselor or the building principal. Online Iowa Central Courses are for juniors and seniors. A sophomore may take these courses if they are identified as a talented and gifted student. (TAG).

College Credit Courses

North Central Career Academy

This option available to Juniors and Seniors allows students to earn college credit through specific strands of coursework in a more traditional college setting. Students will be taking classes off campus at the Career Academy located in Eagle Grove during the first half of the day. They need to apply each year for a specific strand; there is a limited number of seats available. This is a full year commitment for the students. Once you have applied and been accepted, students will NOT be allowed to change classes. This academy is at NO COST to the student. If a student drops from the career academy it will count against their activity options and students will not be placed into new classes once the drop/add date has passed. Understand that unless there is a special circumstance students will not be dropped from the Academy. For questions about the Iowa Central Career Academy or Online classes, see the counselor. Academy strand options:

- Manufacturing
- Education
- Health Services
- Liberal Arts

Grades

Students who withdraw (after the grace period) or fail a college course will receive an "F" on their high school transcript. Academic eligibility guidelines will be followed in accordance with state

guidelines and students will be ineligible as written in the student handbook. An “F” on an ICCC transcript could impact college GPA, course progression and/or academic standing.

Approved Criteria Ensuring Reading, Math, & Science Proficiency

The student is proficient on the reading, math, and science portions of the Iowa Statewide Assessment for Student Progress (ISASP).

The student is proficient on the English, math, and science portions of the American College Testing test (ACT). Proficiency is a score of 18 on the ACT.

The student is proficient on the ACCUPLACER reading and writing test plus ALEKS math test. Proficiency is a score above the developmental level as determined by the partner community college (ICCC test requirement is a score of >5 or 4+>66 in Reading Comprehension and a 30 on the ALEKS math test). The student passing the ACCUPLACER Test would still need to prove proficient in science on the ISASP, ACT tests, or specific course grades.

The student received a C- grade or better in each related high school course (Reading-English II, Math-Algebra, Science-Biology). These courses correlate to the ISASP performance level descriptors.

College Credit Courses

Regents Admission Index (RAI Score)

Students interested in attending one of the 3 Iowa Regent Universities (Iowa State University, University of Iowa & University of Northern Iowa) must achieve a Regent Admission Index (RAI) score of at least 245 and take the minimum number of required high school courses to qualify for automatic admission as a freshman. The RAI score is calculated using a formula that includes a student's grade point average (GPA), ACT score and the number of core courses that a student takes over their high school career. Courses that count towards a student's RAI may include courses in English, Math, Science, Social Studies as well as World Language. Additional information can be found on the regents website.

Website: <https://www.iowaregents.edu/institutions/higher-education-links/regent-admissionindex/>

*If a course can be counted towards a student's RAI, it will be designated as a yes under the RAI column

Note: Proficiency can be met with any combination of these 4 pre-approved criteria but must demonstrate proficiency in the areas of reading, math, and science using their most recent test score or grade.



Placement Based on Test Scores

Reading Placement Scores			
Placement Test	RDG-048* Basic Reading	SDV-112 Success Seminar	No Course Required
ACCUPLACER (Next Gen. – Reading)	< 225	226-249	≥ 250
ACCUPLACER (Classic – Reading Comprehension)	< 43	44-65	≥ 66
ACT (Reading)	0-13	14-17	≥ 18
SAT (Reading) March '16-Present (Evidence-Based Reading & Writing) March '16-Present (Reading)	< 380 <19	390-470 19-23	≥ 480 ≥ 24

Writing Placement Scores			
Placement Test	ENG-025* Basic Writing	ENG-067* Composition I Laboratory and ENG-105 Composition I	ENG-105 Composition I
ACCUPLACER (WritePlacer)	0-2	3-4	≥ 5
ACCUPLACER (Next Gen. – Writing)	< 225	226-249	≥ 250
ACCUPLACER (Classic – Sentence Skills)	27-44	45-73	74-120
ACT (English)	0-13	14-17	18-36
SAT (Writing) Score March '16-Present Essay OR Writing + Language	<19	20-23	≥ 24

*Reading and writing placement scores are valid for 3 years from the start of the course student is placed in.
Math scores are good for 18 months from the start of the course student is placed in.*

Math Placement Scores									
Placement Test	MAT-023* Mast. of Math I	MAT-026* Mast. of Math II	MAT-027* Mast. of Math III	MAT-028* Mast. of Math IV	MAT-029* Mast. of Math V	MAT-035* Mast. of Math VI	MAT-102 Intermediate Algebra MAT-111 Math for Liberal Arts MAT-117 Math for Elem. Teachers MAT-140 Finite Math MAT-157 Statistics	MAT-120 College Algebra MAT-127 College Algebra & Trig MAT-130 Trigonometry MAT-165 Business Calculus	MAT-180 Engineering Problems MAT-210 Calculus I
ALEKS	0-4	5-9	10-14	15-19	20-24	25-29	30-45	46-75	76-100
ACT/SAT							ACT 22 or above SAT 530 or above (MAT-111 or MAT-157 only)		

*denotes a developmental course that is non-transferable and does not count towards graduation.

Non-Discrimination Statement: It is the policy of the Iowa Central Community College not to discriminate in its programs, activities, or employment on the basis of race, color, national origin, sex, disability, age, sexual orientation, gender identity, creed, religion, and actual or potential family, parental, or marital status. If you have questions or complaints related to compliance with this policy, please contact Stacy Irig, Human Resources, 515-576-1138, stacyirig@iccc.edu, or the Director of the Office for Civil Rights U.S. Department of Education, Chicago Group Center, 550 W. Madison Street, Suite 1475, Chicago, IL 60661-7204, Telephone: (312) 798-1560 Facsimile: (312) 798-1576, Email: DOE.Director@ed.gov.

Note: Proficiency can be met with any combination of these 4 pre-approved criteria but must demonstrate proficiency in the areas of reading, math, and science using their most recent test score or grade.

Is Your Student Ready for College-Level Coursework?



High School Courses

Teachers tell students frequently when assignments are due and tests are scheduled.

Teachers tell students what they need to study.

Teachers provide outlines, notes and study guides.

Teachers provide progress / grade reports frequently.

Teachers provide the information needed for successful completion of the class.

Teachers ask questions and lead discussions.

Teachers cover all course content during class time.

Teachers give tests over the material and provide make-up tests and retakes.

Grades are based on many assignments: class participation, extra-credit opportunities and many quiz and test grades.

Parents have open communication with the teacher and their student.

Subject matters may be avoided to gear instruction towards high school student population.

Courses are taught by high school teachers.

College Courses

Students are responsible for completing assignments and taking tests on time as outlined in the syllabus.

Students determine what they need to learn.

Students take notes and prepare their own outlines and study guides.

Students monitor their own progress and calculate their own grades.

Students must have prerequisite knowledge and skills before starting the class.

Students are expected to generate questions and initiate discussion.

Students are responsible for learning all material whether or not it is presented in class.

Students take fewer tests over larger amounts of material and are not necessarily allowed to make-up or retake tests.

Student grades are based on a small number of assessments.

Due to Family Educational Rights and Privacy Act (FERPA), communication is between only the student and professor.

College courses sometimes deal with controversial issues or subject matter.

Courses are taught by college-credentialed faculty.

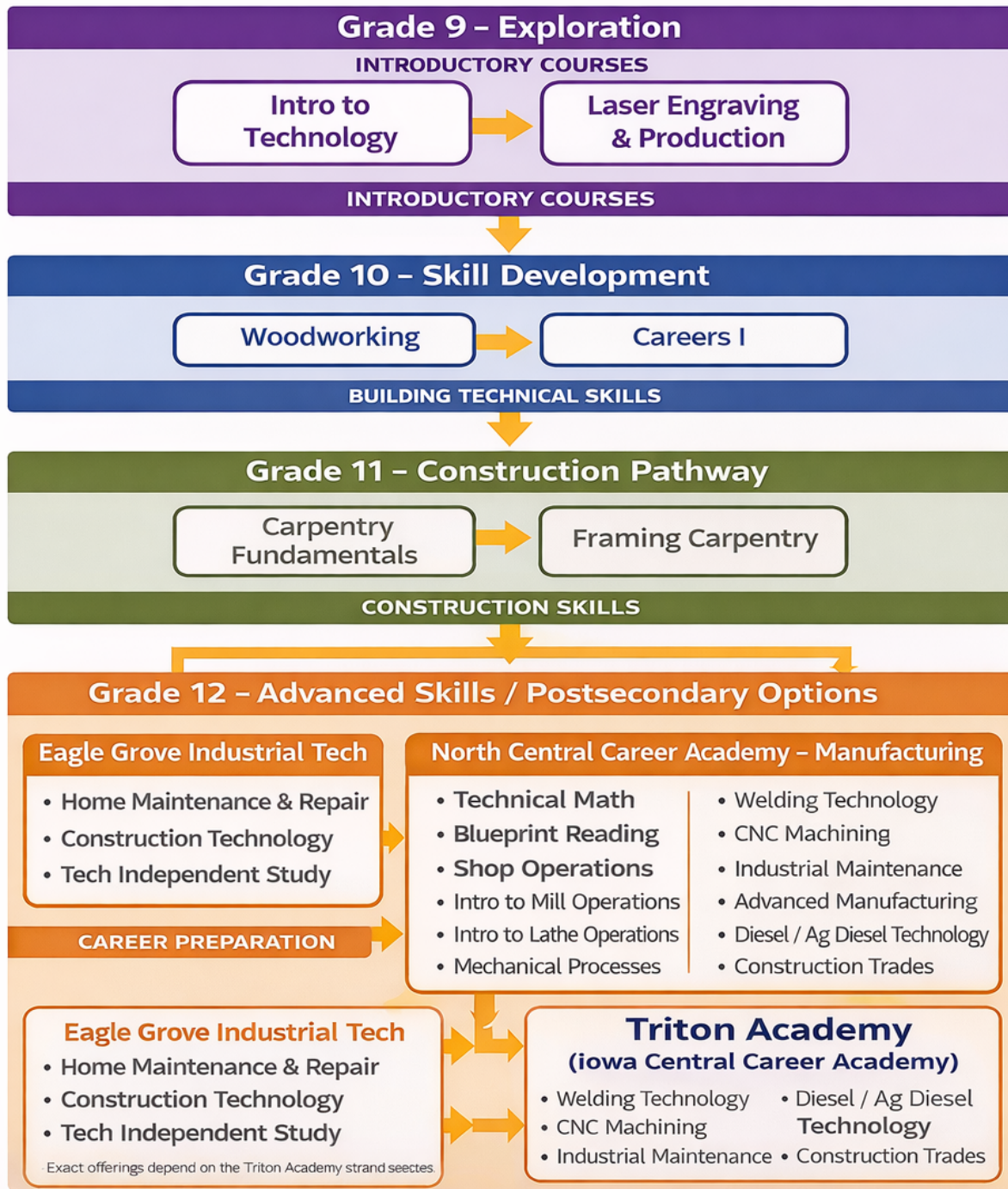
It is the policy of the Iowa Central Community College not to discriminate in its programs, activities, or employment on the basis of race, color, national origin, sex, disability, age, sexual orientation, gender identity, creed, religion, and actual or potential family, parental, or marital status.

If you have questions or complaints related to compliance with this policy, please contact Stacy Hring, Human Resources, 515-574-1138, hr@iowacentral.edu, or the Director of the Office for Civil Rights U.S. Department of Education, Chicago Center, 300 W. Madison Street, Suite 1475, Chicago, IL 60601-7204, Telephone: (312) 730-1540 Facsimile: (312) 730-1576, Email: OCR.Chicago@ed.gov



Eagle Grove Industrial Technology Pathway

Architecture • Construction • Manufacturing



Industrial Technology Pathway • Eagle Grove High School

- Partner Programs
- North Central Career Academy
- Iowa Central Community College

- Construction
- Manufacturing
- Welding



NORTH CENTRAL
CAREER ACADEMY



TRITON
ACADEMY

IOWA CENTRAL COMMUNITY COLLEGE

It is the policy of the Eagle Grove 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 the district's Equity Coordinator.

Joshua Schild,
Robert Blue Middle School Principal
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515-448-4767
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