

Course Registration Guide 2026-2027

Information Sheet

Directions: Registration is to be completed by students with staff and parent input.

An important duty and responsibility of each student and his/her parents is to make course choices for their educational careers. Certain courses are required to meet graduation requirements as established by Iowa code and by the Edgewood-Colesburg Board of Education.

This student registration booklet contains information about graduation requirements and course offering descriptions. Specific course offerings may vary from year to year depending on (1) staff availability and (2) students' registration wishes.

The registration form, complete with student and parent signatures, is to be returned to the high school office. The registration will remain in force unless it is approved for change by the building principal.

Requirements: 54 credits are required for graduation from Edgewood-Colesburg High School. The following courses must be taken and passed.

Discipline	Required Courses	Credits
English	**English 9** **English 10** **English 11** **Speech** **English Elective**	8
Math	**Mathematics**	8
Science	**9th = Biology 9** **10th = Chemistry** **11th = Physical Science or Physics**	6
Social Studies	**U.S. History** **World History** **Government** **Economics**	6
Vocational	**Employability Skills** **Principles of Money OR Personal Finance**	2
Health	**Parenting** **Health**	2
Physical Education	***One each semester**	4

*PE Waivers may be submitted

Schedule Conflicts: the school counselor and/or principal will work out scheduling conflicts with the student following registration. Not all conflicts will be resolved to the complete satisfaction of the student.

Course selections, as they relate to educational and career goals, are most important. Students and parents (along with the assistance of school personnel) need to become involved in career decision planning. Many post-high school educational and training institutions have specific entrance requirements which students need to consider when making high school class selection decisions.

Elective courses by grade			
9th	**10th**	**11th**	**12th**
Health (NICC)	**Health (NICC)**	**Health (NICC)**	**Health (NICC)**
	Intro to Health Care	Intro to Health Care	Intro to Health Care
	Nurse Aide I & II	Nurse Aide I & II	Nurse Aide I & II
		Medical Term.	Medical Term.
		Nutrition	Nutrition
		Dosage Calc.	Dosage Calc.
			Healthcare Compliance
	Medical Law & Ethics	Medical Law & Ethics	Medical Law & Ethics
		Human Body	Human Body
West Del Classes	**West Del Classes**	**West Del Classes**	**West Del Classes**
		Autos I	Autos I
		Autos 2	Autos 2
		Autos 3	Autos 3
		Industrial Welding	Industrial Welding
		Metal Arch Welding	Metal Arch Welding
Ag	**Ag**	**Ag**	**Ag**
Intro to Ag and Leadership	Intro to Ag and Leadership	Intro to Ag and Leadership	Intro to Ag and Leadership
FFA Leadership and You	FFA Leadership and You	FFA Leadership and You	FFA Leadership and You
	Animal Science	Animal Science	Animal Science
	Companion Animal Care	Companion Animal Care	Companion Animal Care
	Plant Science	Plant Science	Plant Science
	Natural Resources	Natural Resources	Natural Resources
	Greenhouse Management	Greenhouse Management	Greenhouse Management
		Farm Business Management	Farm Business Management
Art	**Art**	**Art**	**Art**
2D Art	2D Art	2D Art	2D Art
3D Art	3D Art	3D Art	3D Art
Intro to Graphic Design	Intro to Graphic Design	Intro to Graphic Design	Intro to Graphic Design
Graphic Arts I	Graphic Arts 1	Graphic Arts 1	Graphic Arts 1
	Graphic Arts 2	Graphic Arts 2	Graphic Arts 2
		Adv. Graphic Design	Adv. Graphic Design
		Advanced Art I & II	Advanced Art I & II
	Desktop Publishing I	Desktop Publishing I & II	Desktop Publishing I & II
Digital Photography	Digital Photography	Digital Photography	Digital Photography
		Innovation Through Making	Innovation Through Making

Elective courses by grade			
9th	**10th**	**11th**	**12th**
Exploring Computer Science	Exploring Computer Science	Exploring Computer Science	Exploring Computer Science
Computer Science Principles I	Computer Science Principles I & II	Computer Science Principles I & II	Computer Science Principles I & II
Business	**Business**	**Business**	**Business**
Intro to Business	Intro to Business	Intro to Business	Intro to Business
Marketing – Digital Multimedia	Marketing – Digital Multimedia	Marketing – Digital Multimedia	Marketing – Digital Multimedia
Business Law	Business Law	Business Law	Business Law
	Accounting I	Accounting I & II	Accounting I & II
	Intro to Entrepreneurship	Intro to Entrepreneurship	Intro to Entrepreneurship
	Professionalism in Workplace	Professionalism in Workplace	Professionalism in Workplace
Enjoying Theatre	Enjoying Theatre	Enjoying Theatre	Enjoying Theatre
	Creative Writing	Creative Writing	Creative Writing
		Comp I	Comp I & II
	Investigative Writing	Investigative Writing	Investigative Writing
Enjoying Non-fiction	Enjoying Non-fiction	Enjoying Non-fiction	Enjoying Non-fiction
	British Lit	British Lit	British Lit
	Contemporary Lit	Contemporary Lit	Contemporary Lit
	Individualized Reading	Individualized Reading	Individualized Reading
Intro to Literature	Intro to Literature	Intro. To Literature	Intro. To Literature
FCS	**FCS**	**FCS**	**FCS**
Clothing & Textiles	Clothing & Textiles	Clothing & Textiles	Clothing & Textiles
Clothing & Textiles II	Clothing & Textiles II	Clothing & Textiles II	Clothing & Textiles II
Foods I	Foods I	Foods I	Foods I
Foods II	Foods II	Foods II	Foods II
	Foods III	Foods III	Foods III
Health	**Health**	**Health**	**Health**
Adv. Health	Adv. Health	Adv. Health	Adv. Health
Science	**Science**	**Science**	**Science**
		College Prep Chemistry	College Prep Chem.
		STEM Science	STEM Science
Enviornmental Science	Environmental Science	Environmental Science	Environmental Science
Enjoying Theatre	Enjoying Theatre	Enjoying Theatre	Enjoying Theatre
	Creative Writing	Creative Writing	Creative Writing
		Anatomy and Physiology	Anatomy and Physiology

9th	10th	11th	12th
Social Studies	**Social Studies**	**Social Studies**	**Social Studies**
	Local History	Local History	Local History
Ethnic History	Ethnic History	Ethnic History	Ethnic History
Current Events	Current Events	Current Events	Current Events
	Social Problems	Social Problems	Social Problems
	Psychology	Psychology	Psychology
America at War I	America at War I	America at War I	America at War I
America at War II	America at War II	America at War II	America at War II
	Motivational Psychology	Motivational Psychology	Motivational Psychology
	The 1960s	The 1960s	The 1960s
	Street Law	Street Law	Street Law
		AP US History	AP US History
Foreign Lang.	**Foreign Lang.**	**Foreign Lang.**	**Foreign Lang.**
Spanish I	Spanish I & II	Spanish I, II & III	Spanish I, II, III & IV
Music	**Music**	**Music**	**Music**
Instrumental Music	Instrumental Music	Instrumental Music	Instrumental Music
Vocal Music	Vocal Music	Vocal Music	Vocal Music
Math	**Math**	**Math**	**Math**
		Pre-Calculus	Pre-Calculus
		Calculus	Calculus
		Statistics	Statistics
Industrial Tech.	**Industrial Tech.**	**Industrial Tech.**	**Industrial Tech.**
Intro to Industrial Tech	Intro to Industrial Tech	Intro to Industrial Tech	Intro to Industrial Tech
Small Gas Engines	Small Gas Engines	Small Gas Engines	Small Gas Engines
Carpentry 1 & 2	Carpentry 1 & 2	Carpentry 1 & 2	Carpentry 1 & 2
Manufacturing 1 & 2	Manufacturing 1 & 2	Manufacturing 1 & 2	Manufacturing 1 & 2
Welding	Welding	Welding	Welding
CAD	CAD	CAD	CAD
	Ed-Co Industries	Ed-Co Industries	Ed-Co Industries
Vocational	**Vocational**	**Vocational**	**Vocational**
Social Media Marketing & Promotion	Social Media Marketing & Promotion	Social Media Marketing & Promotion	Social Media Marketing & Promotion
			Work Study
			Peer Tutoring

Senior Year Plus Programs

Students interested in earning college credit while in high school should contact the school counselor for information and enrollment procedures.

The Postsecondary Enrollment Option Act (Chapter 261 C, Iowa Code) was enacted in 1987 to promote rigorous academic pursuits and to provide a wider variety of options to high school students by enabling eleventh and twelfth grade students to enroll part time in nonsectarian courses in eligible postsecondary institutions of higher learning in Iowa.

Iowa high school students can enroll in college coursework through a variety of ways. **Regardless of how a student is earning the credit (PSEO, PICC, AP, Concurrent) students will receive high school credit and college credit.** The credit received will appear on a student's high school transcript and college transcript, and will be figured into the student's GPA.

Postsecondary Enrollment Options Program

I. Student Eligibility
- A. Junior and senior students who are enrolled in high school.
- B. Student must be proficient on Iowa Assessments in Reading, Math and Science
- C. Students are responsible for their own transportation, if applicable, and any equipment required for the course, i.e., tools, computers, calculators, etc.

II. Course Requirements
- A. Students may be required to meet entrance requirements. Requirements may include prerequisite courses, ACT scores, or minimum grade point.
- B. Students must take the course(s) for credit. They cannot audit a course. (Take for high school credit but not college credit.)
- C. Students may not enroll in a course if a comparable course is offered at their high school.
- D. Course must be nonsectarian.

III. Eligible Postsecondary Schools
- A. See the counselor for a list of eligible schools.
- B. Not all courses offered by these institutions are eligible for participation.

IV. Application Procedures
- A. Students must inform the Ed-Co administration of their intent to participate.
- B. See the principal or the counselor for details on applying.

Online AP Courses

If interested in on-line AP courses, see the counselor for more information. These courses are available at no cost to the student.

Concurrent Enrollment
Courses delivered through a contractual agreement between a school district and a college where the district is eligible for supplementary weighting through the school foundation formula.

Edgewood-Colesburg offers the following concurrent enrollment courses in cooperation with Northeast Iowa Community College. Students may work with the school counselor to enroll individually in other NICC classes through the Placement in College Credit (PICC) agreement.

HSC110: Intro to Healthcare
HSC114: Medical Terminology
HSC172: Nurse Aide
HSC200: Healthcare Compliance
PNN200: Dosage Calculations
PNN270: Nutrition
MAP401: Medical Law and Ethics
MAP532: Human Body: Health & Disease

*ACC115: Accounting I

*SVD198: Employability Skills
*SVD193: Job Shadowing

ENG105: Composition I
ENG106: Composition II
SPC112: Public Speaking

Offered at West Delaware:
AUT102: Auto Technology I
AUT123: Auto Technology II - No longer NICC credit
AUT124: Auto Technology III - No longer NICC credit
WEL110: Welding Blueprint Reading
WEL228: Introduction to Welding, Safety & Health

*College credit availability based on teacher accreditation from NICC.

Health Consortium Classes Online

Some of the following courses require that students meet proficiency guidelines. Talk to the counselor or principal to see if you meet the guidelines.

In order to take the Nurse Aid I & II, the following courses are required as prerequisites: Intro to Healthcare, Nutrition, Dosage Calculations, Medical Law and Ethics and Medical Terminology (taken in conjunction with Nurse Aide). See table below for scheduling purposes.

Fall	Spring
Sophomore Year	
	Intro to Healthcare
Junior Year	
Medical Law & Ethics & Dosage Calculations	Nutrition
Senior Year	
Medical Terminology & Nurse Aid	

INTRO TO HEALTHCARE - 3 NICC CREDITS

1 Semester	**Description:** Orientation to the institutions that make up our health care system and the ethical, legal, and safety issues influencing and regulating health practice and maintenance. Emphasizes need for communication and teamwork as well as technical skills necessary in the health care workforce. Course # 1 SCED Code: 14001
Credits: 1 (Ed-Co)	
Grades 10-12	
Pre-requisites: None	

NURSE AIDE 1 & 2 - 3 NICC CREDITS

1 Semester **Credits: 1 (Ed-Co)** **Grades 11-12** ****must be 16 by 10/15** **Pre-requisites:** **Accuplacer score of 231 or ACT reading score of 15** **Required to take CNA Exam**	**Description:** The course is designed to provide the knowledge and practical skills necessary to provide care and service to residents in long term care facilities. A clinical rotation is included to provide students with an opportunity to experience direct care of the patient. Students completing this course will be eligible to take the state licensure examination for nurse aide certification. The course requires some weekend and after school hours. These courses are required by all colleges as prerequisites to get into the nursing programs. Course # 2 SCED Code: 14051

MEDICAL TERMINOLOGY - 4 NICC CREDITS (taken in conjunction with Nurse Aid)

1 Semester **Credits: 1 (Ed-Co)** **Grades 11-12** **Pre-requisites: None**	**Description:** The study of medical terminology is the language of medicine with emphasis on spelling, pronunciation and usage. This class is beneficial to all students considering a career in health care. Course # 3 SCED Code: 14154

NUTRITION - 2 NICC Credits

1 Semester **Credits: 1 (Ed-Co)** **Grades 11-12** **Pre-requisites: None**	**Description:** This course emphasizes a practical knowledge of good nutrition and some knowledge of diet therapy. It includes a background of adequate and accurate information on basic nutritional needs of the body. It meets most two year nursing program and basic coaching certificate requirements. Course # 4 SCED Code: 19253

DOSAGE CALCULATIONS - 1 NICC Credit

1 Semester	**Description:** A review of fractions and decimals, conversions of metric, apothecary, and household units, and computations of drug dosages. Course # 5 SCED Code: 14251
Credits: 1 (Ed-Co)	
Grades 11-12	
Pre-requisites: ALEKS score of 14 or ACT of 16	

HEALTHCARE COMPLIANCE - 1 NICC Credit

1 Semester	**Description:** Designed to meet the compliance requirements for students entering nursing and allied health programs. This course is divided into units covering the compliance areas of Health Insurance Portability and Accountability Act (HIPAA), Bloodborne Pathogens, Healthcare Provider CPR (Basic Life Support), Basic First Aid and Child and Dependent Adult Mandatory Reporter. Course # 280 SCED Code: 14063
Credits: 1 (Ed-Co)	
Grades 12	
Pre-requisites: None	

MEDICAL LAW AND ETHICS - 1 NICC Credit

1 Semester	**Description:** Course will provide the student to the legal and ethical implications of practice in a medical setting. Issues covered will include scope of practice, confidentiality, HIPAA privacy and security requirements, legal terms and elements in the delivery of care, ethical guidelines of practice, and legal documentation requirements. Course # 281 SCED Code: 14003
Credits: 1 (Ed-Co)	
Grades 10-12	
Pre-requisites: None	

HUMAN BODY: HEALTH AND DISEASE - 3 NICC Credit

1 Semester **Credits: 1 (Ed-Co)** **Grades 11-12** **Pre-requisites:** **C- or better in HSC:114 (Medical Terminology) and C- or better in BIO:168 (Human A&P 1)**	**Description:** The study of the human body relating to disease processes and treatment options. Includes an overview of drug categories in the treatment of diseases. ***Required Course for Medical Assistant Practicum.* Course # 282 SCED Code: 14999	

Courses taught at West Delaware

AUTO TECHNOLOGY 1 - 1 NICC Credit

1 Semester Block Class **Credits: 2 (Ed-Co)** **Grades 10-12** **Pre-requisites: None**	**Description:** The course deals with the "how it works" of component parts and systems. An overall view of inspection and maintenance is a major goal. Repair of components is done on an "as needed" basis depending on skill level. Wiring diagrams and electric meter usage are introduced along with the basic engine components and operation. Students need to provide their own transportation. Course # 6 SCED Code: 20103

AUTO TECHNOLOGY 2 - Electronic and Fuel Systems - 0 NICC Credit

1 Semester Block Class **Credits: 2 (Ed-Co)** **Grades 11-12** **Pre-requisites: Autos 1**	**Description:** The course will start with the automotive electrical systems of starting, charging, and ignition. These systems will be tested and diagnosed working with technology common in maintenance and repair of today's transportation vehicles. We will then proceed to fuel delivery systems ranging from carburetion to electronic fuel injection. The course is designed to bring all of these systems together as they tie into the computer and its control of the car. The end result will be the ability to diagnose and tune today's engines. Personal and privately owned vehicles are used to apply various manipulative skills in the use of laboratory equipment and tools. Students need to provide their own transportation. Course # 7 SCED Code: 20104

AUTO TECHNOLOGY 3 - Mechanical Systems - 0 NICC Credit

1 Semester Block Class **Credits: 2 (Ed-Co)** **Grades 11-12** **Pre-requisites: Autos 1**	**Description:** The course covers the disassembly and assembly techniques common on today's transportation vehicles in the repair process. During the course we will test, diagnose and repair automotive engines, brakes, suspensions, or power transmission units. Overhaul of any one of the above components will become your major project. School equipment may be used. Students need to provide their own transportation. Course # 8 SCED Code: 20106

INDUSTRIAL WELDING - 3 NICC Credits

1 Semester Block Class **Credits: 1 (Ed-Co)** **Grades 11-12** **Pre-requisites: Ed-Co Welding 1**	**Description:** Introduces the concept and practice of blueprint interpretation as needed by welders in an industrial setting. Emphasis is on the basics of interpretation and application in specific situations. Studies the history and principles of material cutting as well as the nomenclature of the equipment. Procedures such as cutting, beveling plates, and scarfing plates are practiced. Course # 22 SCED Code: 13208

METAL ARC WELDING - 3.5 NICC Credits

1 Semester Block Class	**Description:** Introductory class studying short circuit gas metal arc welding and other related processes. Topics such as process variation, welding in various positions, principle of operation, shielding gases, and wires will be studies. Safety and practical application of these welding processes will be stressed.
Credits: 1 (Ed-Co)	
Grades 11-12	
Pre-requisites: Industrial Welding	Course # 23 SCED Code: 13208

AGRICULTURE EDUCATION

The Agricultural Education Program at Edgewood-Colesburg High School is a sequence of courses leading to entry-level skills in the job area or postsecondary credit at either a two-year community college or a four-year university. Classes could lead to a variety of occupational fields.

Some classes within the vocational agriculture program may be articulated with community colleges. Check with your instructor and/or guidance office if you are interested in seeking this advanced standing.

INTRODUCTION TO AGRICULTURE AND LEADERSHIP

1 Semesters	**Description:** This is a beginning course for students interested in agricultural related areas. This course offers both farm-oriented students and interested students a general understanding of agriculture and agribusiness. Careers in all areas of agriculture will be explored. Students will have the opportunity to develop their leadership and speaking skills in this class. Highlighted by a series of lab-oriented learning experiences, emphasis is placed on a variety of career options, basic agricultural management principles, introductory concepts of animal science, and crop and soil science. Students will use several different sources of information beyond the textbook. Advanced leadership skills will also be developed in this course. A worthwhile learning experience is gained because students will look into areas of mutual interest. Course #: 11 SCED Code: 18001
Credits: 1	
Grades 9-12	
Pre-requisites: None ***(Year 2026-2027) - will need this class to take any other Ag class.***	

ANIMAL SCIENCE

1 Semester	**Description:** This course is designed to give students basic knowledge in the selection, anatomy, physiology, nutrition, and management of cattle, llamas, beef, sheep, swine, dairy cattle, and horses. A unit on meat selection will give students an understanding of how to produce and consume good quality meat. Animal diseases, approved veterinary practices, breeding programs, and other management procedures will be discussed. Any student who has an interest in animals should consider this course. The FFA will be discussed with a focus on leadership and citizenship. Course # 10 SCED Code: 18101
Credits: 1	
Grades 9-12	
Pre-requisites: None **(Year 2026-2027) will need Intro to Ag)**	

COMPANION ANIMAL CARE

1 Semester	**Description:** This course provides students with a comprehensive understanding of the care, behavior, and health needs of common companion animals, including dogs, cats, small mammals, birds, and reptiles. Students will explore topics such as proper nutrition, grooming, housing, and exercise requirements for various pets. The course also covers key aspects of animal behavior, basic first aid, and the importance of responsible ownership. Through hands-on activities, students will gain practical experience in animal handling, welfare, and care routines. Additionally, students will learn about the ethical considerations surrounding companion animals, including adoption, breeding, and humane treatment. Course # SCED Code: 18102
Credits: 1	
Grades 9-12	
Pre-requisites: None **(Year 2026-2027 will need Intro to Ag)**	

PLANT SCIENCE

1 Semester **Credits: 1** **Grades 9-12** **Pre-requisites: None** ***(Year 2026-2027 will need to take Intro to Ag or instructor approval)***	**Description:** Whether or not you have a green thumb, this course is for you! If you are interested in exploring plants and all they represent, plus working in a virtual greenhouse, you should take this class. We will take a look at floral design, container gardens, corsages, boutonnieres, wreath and bow making, interiorscaping, and greenhouse management. We will plant a wide variety of plants while learning about how they grow, what they need, and how they can be used. Plant propagation, Integrated Pest Management, pesticides, and insects will also be discussed. Guest speakers will be invited to share their expertise, and student/teacher organized field trips may also be taken. Course # 15 SCED Code: 18051

NATURAL RESOURCES

1 Semester **Credits: 1** **Grades 9-12** **Pre-requisites: None** ***(Year 2026-2027 will need to take Intro to Ag or instructor approval)***	**Description:** If you enjoy the outdoors and critters of the outdoors, this is the class for you! Wildlife is a very important part of our natural world. This course explores the history of wildlife, their populations, habitats, diseases, and protection. We will study anatomy and physiology, nutrition and feeding. Units will also include hunting, fishing, and trapping. Ethics, regulations, and outdoor recreation, econ-systems, habitats, citizen responsibilities will be discussed. Guest speakers, labs, and a field trip, which students will help to organize will be utilized to make important connections with material taught in the classroom. Each student will have the opportunity to perform panfish taxidermy. There will be time spent focusing on the FFA and the ways in which students can turn their interest in wildlife into a valuable extracurricular experience. Course # 20 SCED Code: 18504

FARM BUSINESS MANAGEMENT

1 Semester **Credits: 1** **Grades 11-12** **Pre-requisites: None** ***(Year 2026-2027 will need to take Intro to Ag or instructor approval)***	**Description:** In this course, students will explore the fundamentals of managing a farm or agricultural business. The curriculum covers key principles of business management, including budgeting, financial planning, record-keeping, marketing strategies, and risk management. Students will learn how to analyze farm performance and make informed decisions to improve profitability and sustainability. Topics will also include understanding agricultural economics, farm technology, and the impact of market trends on business operations. Through real-world case studies, practical applications, and hands-on projects, students will develop the skills needed to successfully manage and grow an agricultural enterprise. By the end of the course, students will have a strong foundation in both the financial and operational aspects of running a farm business. Course # 17 SCED Code: 18201

GREENHOUSE MANAGEMENT

1 Semester- 2nd semester **Credits: 1** **Grades 10-12** **Pre-requisites: None** ***(Year 2026-2027 will need to take Intro to Ag and Plant Science)***	**Description:** In this course, students will learn the essential skills and knowledge required to manage a successful greenhouse operation. Topics will include plant propagation, greenhouse structures and systems, climate control, irrigation, pest management, and the use of technology in modern greenhouse production. Students will gain hands-on experience in growing a variety of plants, from flowers and vegetables to herbs and ornamentals. The course will also cover sustainable practices and efficient resource management to promote environmentally responsible greenhouse operations. Through practical projects and real-world scenarios, students will develop the skills needed to run a greenhouse business or pursue careers in horticulture, floriculture, or agricultural technology. By the end of the course, students will have a solid foundation in the day-to-day operations of greenhouse management and the knowledge to optimize plant production. Course # SCED Code: 18052

FFA LEADERSHIP AND YOU

1 Semester **Credits: 1** **Grades 9-12** **Pre-requisites: None** ***(Year 2026-2027 will need to take Intro to Ag)***	**Description:** Whether you consider yourself a leader or a follower, this course is for you! With an ever-increasing need for leaders within our school, community, state, and nation, we need you to be competent citizens who can make things happen! This class will teach you how to tweak your leadership skills to be the best you can be. It will help you to become more of a leader by studying team building, group dynamics, personal leadership development, and communication. We will explore different leadership styles and career possibilities. Guest speakers and field trips, some organized by students, will be a major focus of our learning throughout the semester. The FFA and its leadership opportunities will be discussed. This can also be used as an FFA Period where planning can happen and officers can work on items. Course # 21 SCED Code: 18203

ART

TWO-DIMENSIONAL ART: DRAWING AND PAINTING

1 Semester **Credits: 1** **Grades: 9-12** **Pre-requisites: None**	**Description:** Drawing and painting are the primary focus of this class, but we may also do some printmaking and wood burning. Students will do a variety of drawings using pencil, colored pencil, oil pastels, and ink. Painting will include watercolors and acrylics. Students will learn how to apply the elements and principles of design to their artwork while learning how to be creative through self-expression. Students will be required to complete sketches within a sketchbook prior to starting their projects. The sketches will include technique studies along with development of project ideas. Students will self-reflect verbally and when completing project rubrics. Some art history may be discussed to better understand these artistic processes. Course # 26 SCED Code: 05155

THREE-DIMENSIONAL ART: SCUPLTURE AND CERAMICS

1 Semester **Credits: 1** **Grades: 9-12** **Pre-requisites: None**	**Description:** Three-dimensional shape and form will be explored through sculpture and ceramics. Students will work with clay and will create several hand-built clay projects. Students will be challenged to address the elements and principles of designs when constructing their three-dimensional projects. Other sculptural works of art will be created using a variety of materials. Students will be required to sketch out their ideas. Students will self-reflect verbally and when completing project rubrics. Some art history may be included to help students understand the processes better. Course # 27 SCED Code: 05158

INTRO TO GRAPHIC DESIGN

1 Semester **Credits: 1** **Grades: 9-12** **Pre-requisites: None**	**Description:** Introduction to Graphic Design will introduce students to the design industry and the design process. The focus of the course will be learning the principles of design, elements of art and typography through practicing thumbnail sketches, rough sketches, and comprehensive design. The design process along with problem solving skills will be used to create visual forms of communication using basic programs such as Canva, Google Drawing, and other online design platforms that are appropriate and current to today's world. Assessments will focus on the four National Core Art Standards of creating, presenting, responding, and connecting. Course # 28 SCED Code: 05162

GRAPHIC ARTS 1

1 Semester **Credit: 1** **Grades: 9-12** **Pre-requisites: Intro to Graphic Design**	**Description:** In Graphic Arts, students will learn how to use Adobe Photoshop to edit and alter photographs. Students will also learn how to create their own graphics (art) and images using Photoshop. While learning this program, students will get an insight of what it's like to be a new aged photographer and graphic designer. Students will complete various lessons and relevant projects that use Adobe Photoshop. Students may be required to do some digital photography as well to complete their projects. This course is prerequisite for Desktop Publishing. Course # 29 SCED Code: 05162

GRAPHIC ARTS 2

1 Semester **Credits: 1** **Grades: 10-12** **Pre-requisites: Graphic Arts I**	**Description:** In Graphic Arts II, students will learn how to use Adobe Illustrator to create advanced graphic arts using the computer. Students will be able to use and apply knowledge of Adobe Photoshop that was gained in Graphic Arts I as well to complete projects. While learning these programs, students will get an insight of what it's like to be a graphic designer. Students will complete various lessons and relevant projects that use Adobe Illustrator. Students may be required to do some digital photography and use Photoshop as well to complete their projects. Course # 33 SCED Code: 05162

ADVANCED GRAPHIC DESIGN (Independent Study)

1 Semester	**Description:** Advanced Graphic Design is an extension to Graphic Arts I & II. The students will continue to use Photoshop and Illustrator in creating advanced projects. The projects will be more challenging with a focus on real world experiences such as logo creation, ad designing, and other marketing materials. There will be more emphasis on layout, typography, and other design elements that are pertinent for successful designs. This class is recommended for students pursing a graphic design or marketing degree or for those that may want to start their own business. Course # 35 SCED Code: 05162
Credits: 1	
Grades: 11-12	
Pre-requisites: Intro to Graphic Design, Graphic Arts I & II	

ADVANCED ART 1 & 2 (Independent Study)

1 Semester	**Description:** Advanced art students will be expanding their art through experimentation and creating pieces that include ideas and messages. They are required to complete up to eight well thought out projects that show artistic expression. Students may focus on one area of expression such as drawing, painting, ceramics, cartooning, architecture, etc., or they may explore several areas as time allows. Students will have to show their growth throughout the course by completing an electronic art portfolio that focuses on the four standards: creating, presenting, reflection, and connection. This art portfolio will include writing components such as a biography, artist statement, and self-reflections. This class is for those who are serious about art and are willing to put hard work and their best effort into all that they do. Juniors and seniors interested in pursuing a further education/career in art will be guided in the development of a personal and professional portfolio. Course # 31/32 SCED Code: 05170
Credits: 1	
Grades: 11-12	
Pre-requisites: 2D & 3D Art	

DESKTOP PUBLISHING 1

1 Semester **Credits: 1** **Grades: 10-12** **Pre-requisites: Intro to Graphic Design/ Recommended: Digital Photography**	**Description:** This course focuses on developing and refining artistic techniques and work for presentation. The year begins by planning and designing a unifying theme that uses the graphic design principles to show the best representation for our student body and events of each school year. Students will connect artistic ideas and works that reflect the culture and context of the school, students, and community through emphasis on layout and design techniques, creative writing, and photography skills. This course provides the study of and practice in gathering and analyzing artistic information to be applied through graphic design, creative writing, and the selection of photographs that best represent the student body. Students will learn critiquing and design strategies that focus on images, cutouts, and placements of color within each section. At times, deadlines require that staff members work outside of school hours. Students will learn good work habits that come with the graphic design process and are responsible for all phases of the production and presentation of the yearbook. Course # 38 SCED Code: 11152

DESKTOP PUBLISHING 2

1 Semester **Credits: 1** **Grades: 11-12** **Pre-requisites: Desktop Publishing 1**	**Description:** This is an extension of Desktop Publishing. Requirements and tasks will be the same as Desktop Publishing, but students taking this course will be required to take leadership roles within the class. Duties for this course may be in charge of critiquing, photography, and/or finalizing the design of the book using graphic design principles. Leadership roles will be decided based on strengths seen in Desktop Publishing and interest. Course # 39 SCED Code: 11152

DIGITAL PHOTOGRAPHY

1 Semester **Credits: 1** **Grades: 9-12** **Pre-requisites: Intro to Graphic Design, Graphic Arts 1**	**Description:** Digital Photography is a semester course that focuses on understanding the basic operations and functions of a digital single lens reflex camera and the manipulation of its settings to achieve a specific result. Students will learn about photographic elements of art and principles of design, composition, camera angles, and lighting. They will have access to different SLR cameras to explore. Students will write and speak about aesthetic, technical and expressive qualities in a photograph, learning to critique their own and others work. Students learn image techniques and digital manipulation using Adobe Photoshop and Lightroom, teaching them how to archive, organize and optimize their photographs for print or web purposes. Students will learn how to manage and creatively alter digital images as well as critically analyze the use of visual media as a means of communication. They will be provided a greater level of autonomy, expected to pursue their own interests and develop an individual voice through the creation of a portfolio that displays their photographs. Course # 34 SCED Code: 05167

INNOVATION THROUGH MAKING

1 Semester **Credits: 1** **Grades: 11-12** **Pre-requisites: Intro to Graphic Design & 2D Art**	**Description:** Students become part of a dynamic creative agency and product design team, transforming ideas into real-world products. Using cutting-edge digital fabrication tools - including a 3D printer, Glowforge Pro, a poster printer, and a photo printer - students will design and produce custom items for school events, local businesses, and for the community. Throughout the course, students will engage in collaboration, hands-on projects that emphasize the design thinking process, from brainstorming and prototyping to production and refinement. Working with real clients, they will develop branding materials, promotional products, and innovative merchandise that meet the needs of businesses and organizations in their community. By the end of the course, students will have gained practical experience in both artistic design and business applications, preparing them for careers in creative industries or future entrepreneurial pursuits. Course # SCED Code: 05163

BUSINESS EDUCATION

MARKETING THROUGH DIGITAL MULTIMEDIA

1 Semester **Credits: 1** **Grades: 9-12** **Pre-requisites: None**	**Description:** Digital Multimedia will prepare students for the creative workplace by covering how to use business-standard software applications to complete projects and solve problems. From the creation of a product until it reaches the end consumer, today's businesses are rapidly advancing technologically. Knowledge of various digital medias and how they work together in a business is a necessary skill today. The hands-on approach gives students a strong foundation in the concepts and practices of digital multimedia and allows the projects to focus on the more creative end of business technology. Intro to Computer Business Applications and/or Computer Formatting recommended before taking this class. Course # 40 SCED Code: 11153

INTRODUCTION TO BUSINESS

1 Semester **Credits: 1** **Grades: 9-12** **Pre-requisites: None**	**Description:** Exposes students to the role of the bookkeeper, manager, and junior accountant in relation to the many facets of the business world, including the economic system, marketing functions such as sales, production, and finance, and types of business organizations. Course # 41 SCED Code: 12051

BUSINESS LAW

1 Semester **Credits: 1** **Grades: 9-12** **Pre-requisites: None**	**Description:** Business Law covers the basic foundations of law as it pertains to the business world. Incorporated throughout the text are features and activities covering critical thinking, global awareness, vocabulary building, business math, career possibilities, and technology innovations. This class may also include various guest speakers and a field trip to view the law "in action." Course #42 SCED Code: 12054

ACCOUNTING 1 - *4 NICC Credits

1 Semester **Credits: 1** **Grades: 10-12** **Pre-requisites: ALEKS score of at least 14 or ACT or 16**	**Description:** Everyone will need knowledge of accounting in personal financial activities. Accounting I is important to students because it provides background for a variety of career objectives. Accounting is the language of business; therefore, Accounting I is an excellent course for students interested in the following: 1) Any business or agribusiness related field 2) Careers in any accounting field including bookkeepers, accounting clerks, accountants, and CPAs. The course is divided into six main units. 1) Accounting as a career. 2) Accounting for a one-owner business. 3) Accounting for a partnership. 4) Accounting for a corporation. 5) Computerized accounting. 6) Accounting control systems such as petty cash, vouchers, inventory, etc. Realistic simulations are used giving the students the feeling of what it's actually like doing accounting and or record keeping for a service business, a merchandising business and a corporation. Course # 43 SCED Code: 12104

ACCOUNTING 2

1 Semester **Credits: 1** **Grades: 11-12** **Pre-requisites: Accounting 1 with a grad of C or better**	**Description:** Additional study of accounting fundamentals, including inventories, acquisition of plant assets, depreciation of plant assets, disposal of plant assets, and liabilities. Course # 44 SCED Code: 12104

INTRODUCTION TO ENTREPRENEURSHIP

1 Semester	**Description:** A survey course designed to orient students toward the multi-dimensions of a career in entrepreneurship. Explores entrepreneurial qualities, assessment of various funding sources, strategic planning for entrepreneurial ventures, and legal and contemporary business environment issues. Course #45 SCED Code: 12053
Credits: 1	
Grades: 10-12	
Pre-requisites: None	

PROFESSIONALISM IN THE WORKPLACE

1 Semester	**Description:** Designed to make students aware of their personal strengths and identify areas for improvement. Concentrates on helping students develop marketable personal and professional skills. Presents strategies to assist students in maintaining employment and in demonstrating a professional image and work behavior. Course #143 SCED Code: 12999
Credits: 1	
Grades: 10-12	
Pre-requisites: None	

PERSONAL FINANCE

1 Semester	**Description:** An overview of personal and family financial planning emphasizing personal financial record keeping, planning spending, tax planning, consumer credit, making buying decisions, purchasing insurance, selecting investments, and retirement and estate planning. Course #140 SCED Code: 19262
Credits: 1	
Grades: 11-12	
Pre-requisites: None	

EMPLOYABILITY SKILLS/JOB SHADOW - *3 NICC Credits

REQUIRED FOR ALL JUNIORS

1 Semester **Credits: 1** **Grades: 11** **Pre-requisites: None**	**Description:** This course is designed to assist students in illustrating the skills necessary to obtain employment by aligning career goals with education plans and practice the skills and attitudes required for job success. Students will complete an inventory, practice resume writing, interviewing techniques, and work-place problem solving strategies. Networking with local employers and learning about local employment opportunities will be a key course component. Students in this course will explore a field of interest while developing research skills, professionalism and building occupational knowledge. Students will be required to visit workplaces of interest to learn specific jobs and professional requirement, and to develop a basic knowledge of the organization's structure and value. A log/journal will be kept as documentation. Course #141/142 SCED Code: 22152/22999

COMPUTER SCIENCE

EXPLORING COMPUTER SCIENCE

1 Semester **Credits: 1** **Grades: 9-12** **Pre-requisites: None**	**Description:** Students will focus on six major areas of computer science: human computer interaction, problem solving, web design, programming, computing & data analysis, and robotics. Students will learn computer science through activities and lessons that use inquiry and focus on equity within computer science. This course is a good overview of everything computer science along with acquiring the skills to successful pursue further education in computer science and careers that require 21st Century Skills. Course #47 SCED Code: 10012

COMPUTER SCIENCE PRINCIPLES 1

1 Semester **Credits: 1** **Grades: 9-12** **Pre-requisites: None**	**Description:** Computer Science Principles 1 introduces students to computer science concepts and challenges them to explore how computing and technology can impact the world. Students will explore concepts around digital information, the internet, app design, and complex apps. Course #37 SCED Code: 10011

COMPUTER SCIENCE PRINCIPLES 2

1 Semester **Credits: 1** **Grades: 10-12** **Pre-requisites: Computer Science Principles 1**	**Description:** Computer Science Principles 2 is a continuation of Computer Science I. Students will explore designing algorithms, parameters, creating performance tasks, data analysis, cyber security, and global impacts. After completion of this course students are able to take an AP Computer Science exam. *AP Computer Science exam available -Take CSP I &I consecutively + AP intentions must be acknowledged when registering Course# 36 SCED Code: 10011

English

Requirements: Students are required to take 8 credits of English. They are required to take English 9, English 10, English 11, Speech and one additional course of their choice.

English 9 and 10 are comprehensive language arts courses, which develop literacy through reading, writing, listening, speaking, and language. Students also develop literacy through a number of different reading strategies applied to various texts.

ENGLISH 9 - Required

1 Year	**Description:** English 9 focuses on elements of reading and writing for both narrative and informational texts. Students in English 9 will study Shakespeare, *To Kill a Mockingbird*, a variety of nonfiction stories and articles, basic essay writing, direct quotes and paraphrases, and review the parts of speech. Course #48 SCED Code: 01001
Credits: 2	
Grades: 9	
Pre-requisites:	

ENGLISH 10 - Required

1 Year	**Description:** English 10, while still addressing narrative texts, focuses on the skills necessary to effectively analyze and develop expository pieces. This is a world literature course, literature from various countries will be explored. In addition, the students will continue to be exposed to grammar. Course #50 SCED Code: 01002
Credits: 2	
Grades: 10	
Pre-requisites:	

ENGLISH 11 - Required

1 Year	**Description:** English 11 serves as an American Literature course. Students analyze and respond to various writers and pieces of literature through this chronologically arranged course. In addition to continually developing effective use of conventions, this course builds on the fundamental skills developed in English 9 and 10 to create expository pieces that focus on the skills necessary to successfully write in a collegiate and/or professional setting. Students will continue with an exposure to grammar and using the phrase in writing. Course #52 SCED Code: 01003
Credits: 2	
Grades: 11	
Pre-requisites:	

SPEECH

1 Semester	**Description:** This class is designed to help students improve their speaking abilities. Students will be taught to prepare and present speeches on a variety of topics. Also, the students will examine speaking skills necessary for job interviews and on-the-job situations. This class will be required for all students. Course #54 SCED Code: 01155
Credits: 1	
Grades: 9-12	
Pre-requisites:	

CREATIVE WRITING

1 Semester	**Description:** Student authors will explore and try their hand at different types of writing while finding and developing their creative edge. Students will write short stories, poems, mysteries, and other creative pieces. They will learn skills such as incorporating dialogue, creating complex characters, and developing a climax. Course #55 SCED Code: 01104
Credits: 1	
Grades: 10-12	
Pre-requisites: English 9	

COMPOSITION 1 - 3 NICC Credits

1 Semester	**Description:** Composition 1 prepares students for types of communication and thought essential to academic and working–world success. The course focuses on writing as a process intended to help students identify and refine their own personal writing process. The course requires each student to compose a minimum of 32 pages of edited work. Course #56 SCED Code: 01105
Credits: 1	
Grades: 11-12	
Pre-requisites: Accuplacer writeplacer score of 5 or ACT English score of 18	

COMPOSITION 2 - 3 NICC Credits

1 Semester	**Description:** Composition 2 focuses on writing as a process with emphasis on exposition, persuasion, evaluation, analysis, investigation, and research. This course extends the instruction and practice of Composition 1 to help improve thinking and writing skills needed in academic and working-world success. The course requires each student to compose a minimum of 32 pages of edited work. Course #57 SCED Code: 01105
Credits: 1	
Grades: 12	
Pre-requisites: Composition 1	

INVESTIGATIVE WRITING

1 Semester	**Description:** The course is open to students in grades 10-12. Investigative Writing focuses on the skills of asking questions, finding research to support a claim, and crafting an argument through writing. Students will participate in different types of investigative writing: creating surveys, interviewing people in different occupations, writing editorials, and analyzing fake vs. real news. Course #58 SCED Code: 01105
Credits: 1	
Grades: 10-12	
Pre-requisites: None	

ENJOYING NON-FICTION

1 Semester	**Description:** This course is open to all students. Enjoying Nonfiction will provide students with the opportunity to read a variety of nonfiction books, including texts that amplify diverse voices. We will read one whole-class book and several stories from an anthology written by bicultural Iowans. Students will choose 3 nonfiction books as their independent reading texts to complete throughout the semester. In this discussion-based class, we will engage in higher-order thinking through analysis of real-world issues. Course #63 SCED Code: 01061
Credits: 1	
Grades: 9-12	
Pre-requisites: None	

BRITISH LITERATURE

1 Semester	**Description:** In this college-prep class, students have the opportunity to read and write with a critical sense. A majority of the class time will be spent in student-centered discussion and will focus on the literature being studied. British literature, along with additional sources of world literature, will be used as the basis of analysis and response. This class is geared toward students who can handle college-level expectations. Course #60 SCED Code: 01056
Credits: 1	
Grades: 10-12	
Pre-requisites: None	

CONTEMPORARY LITERATURE

1 Semester	**Description:** This Semester course will focus on current literature. Students will study a variety of authors and genres. Students will participate in large and small group oral discussions, individual and class reading, and writing. Course #61 SCED Code: 01054
Credits: 1	
Grades: 10-12	
Pre-requisites: None	

INDIVIDUALIZED READING

1 Semester **Credits: 1** **Grades: 10-12** **Pre-requisites: None**	**Description:** Do you wish you had more time to read books of your choosing? This course will provide students with the opportunity to read a variety of novels independently. The teacher will monitor their progress through regular conferences. Students will also confer with each other in groups. In addition they will be required to complete a variety of written and oral assignments. Books will be combination of student choice and teacher recommendation. Students taking this course must be able to work independently and manage their time. Course #62 SCED Code: 01066

INTRODUCTION TO LITERATURE

1 Semester **Credits: 1** **Grades: 9-12** **Pre-requisites: None**	**Description:** Introduction to literature is a course that explores a variety of different texts and types of literature. It includes examining novels in verse, graphic novels, as well as some short stories. It exposes students to a variety of alternative texts to that of classic literature. It focuses on analyzing literature and discussing the literature read.. Course #59 SCED Code: 01053

ENJOYING THE THEATRE

1 Semester **Credits: 1** **Grades: 9-12** **Pre-requisites: None**	**Description:** Theater Arts courses focus on the study and performance of drama in its many forms, including musical theater, drama, and comedy. These courses review a wide range of scripted materials (such as plays, screenplays, teleplays, readers' theater scripts); dramatic criticism; techniques for creating original dramatic works; and the role of dramatic arts in society. Theater Arts courses typically require students to perform collaboratively, be involved in the critique of dramatic works, and learn methods for self-expression. Course # SCED Code: 05052

Public Speaking - 3 NICC Credits

1 Semester	**Description:** An introductory course designed to help students develop skills as speakers and critical listeners, increase understanding of the concepts and principles of verbal communication, and become more effective communicators in formal and informal speaking situations. Course # 64 SCED Code: 01151
Credits: 1	
Grades: 11-12	
Pre- requisites: Speech, English 9, and English 10	

Family Consumer Science

CLOTHING AND TEXTILES 1

1 Semester	**Description:** Students will begin this course by looking at the functions of clothing in their lives and how the clothes they wear speak or send messages to those around them. Students then will learn introductory skills of planning and production. The skills include using a sewing machine and serger; shopping at a fabric store; reading a pattern envelope and direction sheet; lay out, pinning and cutting the fabric. These lessons are presented and practiced in the form of a sewing samples booklet. Once completed with the samples booklet, the rest of the course focuses on the students producing garment and textile products of their choice within a differentiated project contract. Student contracts will be negotiated to challenge students in a variety of project areas and will also includes two repair projects. Assessment of student progress will be based on daily written and reading assignments and projects performance and reflective work. Students will be required to shop for and purchase their own project materials outside of class time. Materials will be presented through a text, supplemental handouts, and teacher demonstration. Course #66 SCED Code: 19203
Credits: 1	
Grades: 9-12	
Pre-requisites: None	

CLOTHING AND TEXTILES 2

1 Semester	**Description:** In Advanced Clothing students will build upon skills learned in Clothing and Textiles 1. Students taking this course need to be motivated to select
Credits: 1	

Grades: 9-12 **Pre-requisites: Clothing and Textiles 1**	and complete projects more independently. Each student will select and provide supplies to complete the following contract project points: repair projects, recycling project, advanced garment project, advanced craft/textile project, and a personal reflection pillowcase project. Student contracts will be used to ensure the selection of a variety of projects with increasing difficulty, building on their skills practiced and learned in the Clothing and Textiles 1 course. Assessment of student progress will be based on daily written and reading assignments and projects performance and reflective work. Students will be required to shop for and purchase their own project materials outside of class time. Materials will be presented through a text, supplemental handouts, and teacher demonstration. Course # 67 SCED Code: 19202

FOODS 1

1 Semester **Credits: 1** **Grades: 9-12** **Pre-requisites: None**	**Description:** In this beginning foods class students will learn some basics about food choices – why and how we are influenced to eat like we do. Students learn about nutrition in order to make informed and healthy choices. They will also use consumer skills involving nutrition and economics to evaluate food labels and be smart shoppers. Basic kitchen and food preparation skills are covered and include: safety and sanitation, knife skills, culinary terms and tools, accurate measuring skills, kitchen and recipe math, and recipe review evaluation. Then it's time to put on the chef's hat and apply these skills. Some highlights of the foods to be made are as follows: fruit dip, chocolate crinkle cookies, lemon poppy seed bread, spinach artichoke dip, apple pie pizza, fruit turnovers, *fruit pizza, mac and cheese*, creamy chicken rice soup, lasagna roll-ups and simple baked goods. For their major project grade each student will individually choose, plan, and make from scratch a pastry crust pie. Assessment of student progress will be based on daily written and reading assignments; lab work, lab reflection and written examinations. Course #68 SCED Code: 19252

FOODS 2

1 Semester **Credits: 1** **Grades: 9-12** **Pre-requisites: Foods 1** ***Students with attendance issues***	**Description:** Students taking Foods 2 will be charged with much responsibility in performing in a demanding and professional atmosphere. The commitment level will be much more demanding than Foods 1 as you are developing products to meet the needs of customers within our community. Coursework will begin with a review of basic skills from Foods 1 including measuring, equivalents, kitchen math, culinary terms and tools, and safety and sanitation. More elaborate food preparation methods will be used to extend skills learned in the topic areas of Foods 1. Students are given more responsibilities in the selection of the recipes within the given topic being studied. Therefore they also have more responsibilities related to the

***should not take this course*.**	completing recipe review evaluations, market orders, and detailed lab plans. The course incorporates opportunities in the food and nutrition career fields. Students will apply skills in a final project that requires students to plan, prepare, advertise, and budget a product to be sold to the public. Throughout the course students will make and document ten "at-home" baking experiences for which both the parent and student are required to record and reflect information. Assessment of student progress will be based on daily written and reading assignments and reflective work, lab work and 21st century workplace skills. Units of study will include: Heat Transfer Methods, Cooking Methods, Pressure Cooking, Sous Vide, Braising, Broiling, Egg Cookery, Grains/Pasta, Knife Skills, and Microwave Cooking. Within these units students will be charged with choosing and planning labs which meet the given cooking method criteria. Course #69 SCED Code: 19252

FOODS 3

1 Semester **Credits: 1** **Grades: 10-12** **Pre-requisites: Foods 1 and 2** **Students with attendance issues should not take this course.**	**Description:** Foods 3 is a course focused on baking concepts and production skills to meet the needs of community consumers, therefore, students must have a strong work ethic and employability skills. As with a job, students who have attendance problems or compliance issues will be given verbal warning, written warning, and then can be “fired” or dropped from the class with a failing grade. Students will be responsible for the planning, preparation and service of a project based learning activity. Students will be required to work before school, homeroom or after school on prep for these activities. Beyond food preparation, the skills the students will put to use are menu planning, market order/grocery list planning, shopping, budgeting, table setting, and customer service. Assessment of student progress will be based on daily written and reading assignments, lab work, and student reflective work in the form of an evidence based portfolio. Labs and consumer projects will apply to the following concepts: Baking ingredients and functions, baking terms and tools, mixing methods, quick breads, biscuits and pastries, yeast breads, cream and foam cakes, frostings, custards, and candies. Again, this course is not recommended for students with attendance or compliance problems, as the work/grades simply cannot be made up. Course #70 SCED Code: 19252

PARENTING - Required

1 Semester **Credits: 1** **Grades: 11** **Pre-requisites: None**	**Description:** The skills learned are useful for parenting or any type of interaction with children that a person may experience throughout their lifetime. The course begins with the student examining where they are in life and the impact of marriage and/or children on their life. Roles of parents and caregivers are familiarized before discussing when, if ever, they might be ready for parenthood. Sexual decision-making and the risks and consequences associated with the choices are the basis of a research project each student will be assigned. Teenage pregnancy and heredity are discussed as a preliminary background to the discussion of prenatal health and care. Childbirth is the next topic that is looked at in-depth in order to give information to prepare both males and females for exposure to the birthing process. Parenting practices are studied in relation to child development and include: physical, mental, social and emotional development, parenting styles, discipline and guiding children's behavior. Students will also learn the full-time responsibility of caring for a small infant through a simulated experience with "Baby Think It Over." This computerized doll is set to cry at various intervals requiring attention or care. The baby may need changed, fed, burped or just soothed. It requires the student to distinguish which care the baby needs at different times. The teacher is able to check the doll's computer for abuse or neglect events. (Overnight care required.) Students will arrange a date that works for them to take the child from after school until the start of school the next day.

	Course #71 SCED Code: 19255

HEALTH

HEALTH 1 - Required

1 Semester	**Description:** Health 1 is a required introductory course that includes health topics such as exercise, stress, self-esteem, nutrition, human sexuality, alcohol, and drugs, as well as the impacts these have on one's health. These issues are looked at from the three aspects of health: physical, mental/emotional, and social. The student will also learn the importance of each of these elements of health, and the impact each element has on each other. Course #74 SCED Code: 08051
Credits: 1	
Grades: 9	
Pre-requisites:	

ADVANCED HEALTH

1 Semester	**Description:** Advanced Health is a course designed to follow the introductory health class required for freshman. The course covers in-depth health topics that especially pertain to teens and their current needs. Some of the topics include stress, nutrition, weight control, exercise, alcohol, tobacco, drugs, environmental health, and health
Credits: 1	
Grades: 9-12	
Pre-requisites: Health	

	careers. The students are responsible for creating projects that promote health in these topic areas. Course # 76 SCED Code: 08051

INDUSTRIAL TECHNOLOGY

INTRODUCTION TO INDUSTRIAL TECHNOLOGY

1 Semester **Credits: 1** **Grades: 9-12** **Pre-requisites: None**	**Description:** This is the foundation course for all classes in the shop. A main focus for this class is measurement. We will work with the Standard and Metric measuring systems. This class will also cover the basics of both Woods and Metals. The students will learn about the woodworking and metalworking tools that are used throughout the course. They will be able to identify the main parts, how they work and proper safety while using them. There will be two projects completed in each of the areas of woodworking and metalworking. Depending on the project, the student/families may be responsible for the cost of the materials. Course # 206 SCED Code: 13003

SMALL GAS ENGINES

1 Semester **Credits: 1** **Grades: 9-12**	**Description:** In this class students will learn the very basics of the parts that make up a small gas engine. The students will tear down engines

Pre-requisites: Intro to Industrial Technology	learning what each part does to the overall function of the engine. The students will then re-assemble the engine to working order. The students will also have the opportunity to bring their own engine in to either give it a tune up or to fix if it is not functioning properly. In addition to learning about the components of the motor the students will also learn proper safety procedures while working in a small engine shop. Depending on the project, the student/families may be responsible for the cost of the materials. Course # 213 SCED Code: 20110

Carpentry 1

1 Semester	**Description:** This is a continuation of the Intro. Class. After a short review of measurement and safety the students will get a more in-depth look at the woodworking trade. We will cover many different lumber species and how lumber is graded and sold. Much of the semester will be spent working with precision measurement and fineworking techniques to complete a desired project. Depending on the project, the student/families may be responsible for the cost of the materials. Course # 207 SCED Code: 17003
Credits: 1	
Grades: 9-12	
Pre-requisites: Intro to Industrial Technology	

Carpentry 2

1 Semester	**Description:** This class will be a continuation of Carpentry 1. In this class we will be focusing on more rough carpentry than fine woodworking. The students will learn how to properly lay out walls, windows and doors. Much of the semester will be spent cooperatively working to create a product that can later be sold to the public to help fund our program with new tools and equipment. Depending on the project,
Credits: 1	
Grades: 9-12	
Pre-requisites: Intro to Industrial Technology &	

Carpentry 1	the student/families may be responsible for the cost of the materials. Course # 208 SCED Code: 17003

WELDING 1

1 Semester	**Description:** This class takes an in-depth look at what all goes into joining metal. We will cover everything from what steel is to what a good weld should include. The students will learn the proper safety practices when in a welding shop. We will use an e-learning curriculum called Miller Open Book to help us learn all there is to know about welding. The students will then practice laying beads and eventually complete many welding positions and weld types. Students will also learn about plasma cutting practices and procedures. Depending on the project, the student/families may be responsible for the cost of the materials. Course # 16 SCED Code: 13207
Credits: 1	
Grades: 9-12	
Pre-requisites: None	

MANUFACTURING 1

1 Semester	**Description:** Students will take their knowledge gained from Welding and put it to use in this course. This class will be more fabrication based than welding. We will be taking metal components/pieces and joining
Credits: 1	
Grades: 9-12	

Pre-requisites: Intro to Industrial Technology	them together to create a product. Depending on the project, the student/families may be responsible for the cost of the materials. Course # 210 SCED Code: 13001

MANUFACTURING 2

1 Semester	**Description:** This course will be a continuation of Manufacturing 1. We will move on from completing simple fabrication projects to much more advanced projects. The use of precision measurement and peer collaboration will be relied on heavily in this course. We will also incorporate the use of our CNC Plasma Cutter to help us cut the parts and pieces that will be used to create our products. Depending on the project, the student/families may be responsible for the cost of the materials. Course # 211 SCED Code: 13001
Credits: 1	
Grades: 9-12	
Pre-requisites: Intro to Industrial Technology and Manufacturing 1	

CAD COMPUTER AIDED DRAFING AND DESIGN

1 Semester	**Description:** This is a stand alone course that is designed to teach students how to think critically, problem solve, visualize and use their imagination. The course revolves around a drafting software called Autodesk Fusion 360. We will learn how to use a complex software program to create both two-dimensional and three-dimensional objects on the computer. We all also get into assembly drawings that will allow us to create products that consist of many parts and assemble them together within the program. The students will also incorporate the use of our three-dimensional printer to bring some of their creations to life. Depending on the project, the student/families may be responsible for the cost of the materials. Course # 214 SCED Code: 21107
Credits: 1	
Grades: 9-12	
Pre-requisites: None	

ED-CO INDUSTRIES

1 Semester **Credits: 1** **Grades: 10-12** **Pre-requisites: Intro to Industrial Technology and Carpentry 1**	**Description:** In this project-based learning course you will take the knowledge learned and apply it to make various projects. The students will work hand in hand with teachers and community members who have submitted requests for items they may need for their classrooms or in the community. These projects could range from bookshelves to podiums to tables. Each small group will be working on a custom made project. The groups will meet with the teacher or business to get criteria and constraints for the project. Students will then create a detailed drawing of the project to be approved by the teacher or business. Once the project is created the groups will do a cost analysis comparing our expenses vs. buying from the Internet. Depending on the project, the student/families may be responsible for the cost of the materials. Course # SCED Code: 17006

PHYSICAL EDUCATION

PHYSICAL EDUCATION

1 Semester **Credits: 0.5** **Grades: 9-12** **Pre-requisites: None**	**Description:** Students are required to take physical education each semester of high school. The physical education program's main focus is to give the students life long skills and knowledge that will develop and maintain a proper level of fitness. We are also teaching the basic rules and fundamentals of several activities. Students in physical education class are not only developing physically but are mentally challenged. Written tests, physical challenges, and reaching goals are the three items the students need to be prepared to face while in physical education class. When a student has completed this class our goal is to have in place the knowledge, ability, and willingness to participate in real world physical activities. Course # 77 SCED Code: 08001

MATH

Requirements: Students are required to take 8 credits of math.

ALGEBRA 1 - Required

2 Semesters	**Description:** Algebra 1 is the foundation course for all advanced math courses, and therefore is a valuable beginning to the math series at the high school level. A scientific calculator is required for this course. The course consists of the following topics: positive and negative numbers; solving linear equations; multiplying and factoring polynomials; rational expressions; graphing linear equations and inequalities; powers; solving systems of equations; radicals; quadratic equations; and functions. Course #81 SCED Code: 02054
Credits: 2	
Grades: 8*, 9-12	
Pre-requisites: None *Available to 8th grade students with teacher recommendation only.	

ALGEBRA 2 - Required (May be taken same time as Geometry)

2 Semesters	**Description:** A large part of Algebra 2 is an expansion of Algebra 1 concepts. Therefore, Algebra I will be thoroughly reviewed. Systems of linear equations involving three variables and systems of second-degree equations will be graphed and solved. Operations and computations with logarithms in problem solving will be used. Systems will be solved using matrices. Some time will be spent on probability and statistics. Course #85 SCED Code: 02056
Credits: 2	
Grades: 9-12	
Pre-requisites: Algebra 1	

GEOMETRY - Required (May be taken same time as Algebra 2)

2 Semesters	**Description:** Geometry covers the concepts of Euclidean geometry including definitions, postulates and theorems. Areas of study include tools and language of geometry, reasoning and proof, parallel and perpendicular lines, congruent triangles, relationships within
Credits: 2	
Grades: 9-12	

Pre-requisites: Algebra 1	triangles, polygons and quadrilaterals, similarity, right triangles and trigonometry, transformations, area, surface area and volume and circles. Course #83 SCED Code: 02072

ALGEBRA 3

2 Semesters	**Description:** Algebra 3 will be an extension of Algebra 2. Major topics covered will include an in-depth study of trigonometry, polynomials, conic sections, sequences, series, combinations, functions, logarithms, probability, and statistics. Any student who contemplates college or a career with math-related responsibilities should consider this course. This class should also be taken for help with the ACT. Course #87 SCED Code: 02107
Credits: 2	
Grades: 10-12	
Pre-requisites: Algebra 2 and Geometry	

PRE-CALCULUS

1 Semester	**Description:** Pre-Calculus is a course offered for those students who plan to attend college and pursue a degree in a math-oriented field. Upon the successful completion of this course the student will be prepared to take Calculus as their first college math course. The course is basically taught by lecture with a variety of computer enrichment activities. The course reviews and expands on many of the topics previously covered. Also introduced are the major topics covered in a college calculus course: limits, derivatives, and integrals. Course #89 SCED Code: 02110
Credits: 1	
Grades: 11-12	
Pre-requisites: Algebra 3	

STATISTICS

1 Semester	**Description:** Statistics is a course offered for those students who might like to take Calculus or for those who plan to attend a 2 or 4-year post-secondary school in any major. Statistics could be an
Credits: 1	

Grades: 11-12	alternative to taking Pre-Calculus. Major topics covered will include summarizing and interpret data on a single count or measurement variable, understanding and evaluating random processes underlying statistical experiments, using probability to evaluate outcomes of decisions, using the rules of probability to compute probabilities of compound events in a uniform probability model, and making inferences and justifying conclusions from sample surveys, experiments, and observational studies. Course #92 SCED Code: 02201
Pre-requisites: Algebra 3	

CALCULUS

1 Semester	**Description:** Introduction to Calculus is comparable to the Calculus 1 course that is offered at the college level. It is a natural follow-up to Pre-Calculus and is a challenging and demanding course. Technology (graphing calculators and/or computers) are used daily by students and instructor to reinforce the relationships among the multiple representations of functions, to confirm written work, to implement experimentation, and to assist in interpreting results. Students will work with functions represented in a variety of ways: graphical, numerical, analytical, and verbal. Limits, derivatives, and the definite integral will be explored in depth. Assessment for the grade will be daily work, verbal participation, quizzes and tests. This course is an excellent way to finish high school mathematics for the student who is contemplating a math/science/technology - related course of study at the university level.
Credits: 1	
Grades: 11-12	
Pre-requisites: Pre-Calculus or Statistics	

	Course #90 SCED Code: 02121

FOUNDATIONS OF MATH - (Teacher Assigned Only)

2 Semesters **Credits: 2** **Grades: 10-12** **Pre-requisites: Algebra 1**	**Description:** A review and extension of algebra and geometry concepts for students who have already taken Algebra 1 and Geometry. It includes a review of such topics as properties and operations of real numbers; evaluation of rational algebraic expressions; solutions and graphs of first degree equations and inequalities; translation of word problems into equations; operations with and factoring of polynomials; simple quadratics; properties of plan and solid figures; rules of congruence and similarity; coordinate geometry including lines, segments, circles in the coordinate plane; and angle measurement in triangles including trigonometric ratios. Course #91 SCED Code: 02055

MUSIC

BAND - INSTRUMENTAL MUSIC

2 Semesters **Credits: 2** **Grades: 9-12** **Pre-requisites: None**	**Description:** Band Goals/Objectives • Achieve musical excellence by learning and playing a musical instrument. • Learn and apply musical vocabulary and notation. • Study different styles of music through rehearsal and performance. • Respond to music intellectually, emotionally, physically. • Show individual commitment to the group through participation and encouragement.

	Requirements: • Put forth effort to learn and improve daily, individually and as a group. • Maintain a positive attitude • Lesson attendance (6 per Semester) • Participate in all concerts (December, March, May) • Participate in all Marching Band performances (Football games, various parades) • Participate in other performances (Commencement, Memorial Day, Veteran's Day, Solo/Ensemble, etc). • Participate in Pep Band during select basketball games • Attend extra rehearsals (Marching band camp, marching band rehearsals) Course #94 SCED Code: 05102

CHOIR - VOCAL MUSIC

2 Semesters	**Description:** Choir for grades 7-12 is designed as a study in vocal production and music fundamentals. Students will have opportunities to perform a variety of choral literature and also sing for personal enjoyment. The course goals for students are as follows: 1. To develop correct vocal techniques.
Credits: 2	
Grades: 9-12	
Pre-requisites: None	

2. To develop fundamental music skills in notation and sight-singing.
3. To recognize musical elements and demonstrate expressive qualities in varying styles of both secular and historical choral music genres.
4. To contribute to the blend, balance, and quality of the ensemble by developing the ability to individually sing a part securely.
5. To develop confidence in performing by practicing performance etiquette and decorum.
6. To have opportunities for the enjoyment of music through active participation.
7. To develop self-discipline by functioning as a responsible member of the organization.
8. To experience successful achievement and pleasure through group involvement.
9. To develop personal character traits of leadership, poise, and dependability as well as provide an avenue for self-expression.
10. To develop a desire to continue musical experiences.

Requirements:

- Participation in all concerts (Fall, Winter, Spring, End of Year)
- Participation in all other performances (Commencement, Pops/Talent Show, State Large Group, Solo/Ensemble and any other events in which the choir elects to participate).
- Attendance at any extra rehearsals scheduled
- Lesson attendance

Electives:

	• Honor Choirs and Festivals • Private study with a voice instructor Course #95 SCED Code: 05110

SCIENCE

Requirements: Students are required to take 6 credits of Science. They are required to take Biology, Earth and Space, and Physical Science.

Energy shortages, conservation of resources, health problems, consumer affairs, environmental concerns, and other science-related issues affect us daily. Today's students need to have a good understanding of the physical and biological world in order to make good personal, business, and political decisions, and in order to find fulfilling employment in an increasingly technological world.

Our purpose in science education is to assist in preparing students for life-long decision-making by helping each student gain the background knowledge, problem-solving skills, and thinking ability necessary to deal with life problems.

BIOLOGY 9 - Required

2 Semesters **Credits: 2** **Grades: 9** **Pre-requisites: None**	**Description:** Biology 9 is an introductory course to the study of life, its characteristics, and various forms, and the similarities, differences and relationships among living things. A fundamental understanding of basic biological principles is essential in today's world considering the increased availability of biological technology and its application in everyday life. Emphasis in the course is placed on terminology, laboratory procedure and the logical thought process as applied to problems solving and interpretation of data. Course #96 SCED Code: 03051

SPACE AND EARTH SCIENCE

2 Semesters	**Description:** This course offers insight into the environment on earth and the earth's environment in space. While presenting the concepts and principles essential to students' understanding of dynamics and history of the earth, this course will also explore oceanography, geology, astronomy, meteorology and geography. Course #101 SCED Code: 03008
Credits: 2	
Grades: 10	
Pre-requisites: None	

PHYSICAL SCIENCE -

2 Semesters	**Description:** Physics provides an opportunity to learn and apply the physical rules that govern the behavior or everything in the universe, from the stars to subatomic particles. Particular emphasis is given to the principles of physical science that have application in everyday life. Major topics include science inquiry, force and motion, energy, heat, electricity, waves, states of matter, atomic structure and the periodic table. Course #98 SCED Code: 03151
Credits: 2	
Grades: 11 (2026-2027)	
Pre-requisites: None	

Physics

2 Semesters	**Description:** This high school physics course explores matter, energy, motion, and forces through hands-on investigations and real-world applications. Topics include Newton's laws, momentum, energy, waves, electricity, and magnetism. Students develop problem-solving, mathematical reasoning, and scientific inquiry skills as they investigate how the physical world works. Course # 107 SCED Code: 03212
Credits: 2	
Grades: 11	
Pre-requisites: None	

Chemistry - REQUIRED

2 Semesters	**Description:** Chemistry is the study of matter and the changes that take place in matter. A knowledge of chemistry is essential to persons who must understand the materials they work with: medical professionals, engineers, pharmacists, nurses, lab technicians, etc.
Credits: 2	
Grades: 10-12	
Pre-requisites: None	Course # 97 SCED Code: 03101

ENVIRONMENTAL SCIENCE

1 Semester	**Description:** Environmental Science is a course that will expand on ecological principles and concepts covered in junior high science, chemistry, physics and biology, as wells as give the student exposure to field biology and basic environmental research. It is intended to give interested students considering post secondary training in this area, an introduction to environmental science.
Credits: 1	
Grades: 9-12	
Pre-requisites: None	Course # 106 SCED Code: 03003

ANATOMY AND PHYSIOLOGY

2 Semester	**Description:** The course of Human Biology is designed to more thoroughly prepare interested students for further training, post-secondary education, a beginning career in health care related fields. Its general goal is to enforce basic scientific concepts already learned in biology, chemistry and physics and further exploration of other areas related to human anatomy, physiology, and health.
Credits: 2	
Grades: 11-12	
Pre-requisites:	Course # 109 SCED Code: 03053

SCIENCE-STEM: PROJECT BASED EXPLORATION

1 Semester	**Description:** The course is designed to blend physics, chemistry, biology, and art through engaging, hands-on projects. Students will explore energy systems with roller coasters, master projectile motion with trebuchets, explore Simple Machines with Rube Goldberg contraptions, tackle momentum in egg drop challenges, create art with living bacteria, investigate sound waves with homemade musical instruments, delve into polymer chemistry by making Silly Putty, food calorie lab, opportunities to develop products to solve real-world problems, and understand Gas Laws with a can crush experiment. This course fosters critical thinking, creativity, and real-world problem-solving skills ideal for students eager to see how science applies beyond the classroom. Course # 110 SCED Code: 03212
Credits: 1	
Grades: 11-12	
Pre-requisites: NONE	

SOCIAL SCIENCE

Requirements: Students are required to take 6 credits of Social Science. They are required to take U.S. History, World History, American Government and Economics.

U.S. HISTORY - Required

2 Semesters	**Description:** We start at the Civil War and cover the following topics. Civil War and causes and effects, Reconstruction, Industrialization and Labor relations, importance of railroads and increases in efficiency. Immigration and the growth of cities as well as industrial society and the increase of American power on the world stage. Inventors and inventions are covered as well as increasing corruption in government and the work place. The next step is the progressive era dealing with cleaning up corruption and problems in government and the work force. We transition to WWI and the reasons surrounding it. The Roaring 20's, Great Depression and New Deal follow with focus on cause and effect relationships. Finally we touch on WWII and Post War tensions on a global scale. Final project deals with presidential profiles from Truman to Bush 43.
Credits: 2	
Grades: 9	
Pre-requisites: None	

	All of above topics are covered using multiple sources of information including the text, primary sources, images and opinion analysis. Internet is used for projects. Students will learn to use critical thinking and ask questions about how and why things happen, not learning about names and dates exclusively. Course #113 SCED Code: 04101

WORLD HISTORY - Required

2 Semesters **Credits: 2** **Grades: 10** **Pre-requisites: None**	**Description:** As you study world history you will learn about the challenges and achievements of people throughout the world in different periods of time. The pleasure and satisfaction you will gain from examining this record is the initial reason for studying world history. The more knowledge you gain of the past, the more insight you will have into the present. Links between the past and present are all around you. History will help you understand yourself and the world in which you live. Knowledge of world history will give you an even greater appreciation of your heritage. Among your legacies are, democracy from ancient Athens, written law from Mesopotamia, Arabic numerals from India. You will come to value these contributions from the past that are the foundation of your culture and tradition. World history introduces you to places and societies all over the world. Knowledge of other peoples and other cultures will give you a better perspective of the times in which you live. Problems and their solutions are essential to any study of world history. You will have many opportunities to uncover the roots of present-day issues. Your understanding of the past will enhance

	your ability to evaluate and deal effectively with concerns of your own times. Course #115 SCED Code: 04051

AMERICAN GOVERNMENT - Required

1 Semester **Credits: 1** **Grades: 12 only** **Pre-requisites: None**	**Description:** As citizens of the nation that gives us more freedoms and privileges than found anywhere else in the world, it is our responsibility to have an understanding of government "by the people." We will continue to enjoy those freedoms as long as the people are willing to work to maintain them. The American system of government is extraordinarily dynamic. Change - growth, adaptation, and innovation - is a basic element of its character. While our government's fundamental principles and its basic structure remain constant over time, many of its other characteristics have changed, and they continue to do so. Our form of government is complex because it is made up of different parts, performing many different functions. And, the many parts are interrelated. Upon completion of the course, you will have a greater understanding of United States government, and what your role is. We will also take a brief view of the Iowa state government. Course #117 SCED Code: 04151

ECONOMICS - Required

1 Semester	**Description:** Economics is a comprehensive study of the American economic system. We begin with a study of the basic principles. Scarcity, trade-offs, and opportunity cost starts us off. We look at types of economic systems next and the differences they possess. Students will also get an overview of microeconomic principles of supply and demand and macroeconomic principles of GDP, wage determination, and the business cycle, etc. The students will also be required to complete a Financial Literacy program online. This is required for graduation. A final exam will be given at the end of the course. Course #118 SCED Code: 04201
Credits: 1	
Grades: 12 only	
Pre-requisites: None	

LOCAL HISTORY

1 Semester	**Description:** Local history is a class designed for students to become historians. Instead of tests and papers, we will conduct original research for the Edgewood Museum. You, the student, will be creating the history of our towns instead of reading about it online or in a textbook. A student planning to take this course must have a diligent work ethic to create high quality work for future generations to admire and learn from. The students will be assisting the Edgewood Museum by actually having a hand in researching and categorizing artifacts and historical evidence of the area. This is as close as you can get to original research in a class at Ed-Co. You will have an opportunity to actually write history, to weave the tale of the area. It is difficult to say what exactly we are going to see and find, but that is a lot of what makes this class so great. There is so much out there for us to discover. Course # SCED Code: 04105
Credits: 1	
Grades: 10-12	
Pre-requisites: None	

CURRENT EVENTS

1 Semester	**Description:** Current Events is an elective course for students who wish to
Credits: 1	

Grades: 9-12	become more aware of their local, national, and global surroundings. The course will force students to take a stance on current, controversial issues that are shaping our society. The course will concentrate on the issues of today, but will also take a step back and look at how we got to where we are.
Pre-requisites: None	Course #119 SCED Code: 04156

SOCIAL PROBLEMS

1 Semester	**Description:** Social Problems is the study of human interactions. Who are you and why have you become the way you are? What social groups do you associate with and how are they impacting you in ways you never thought possible? We discuss all of these topics and more in Social Problems After gaining a basic understanding of how a person becomes the way they are, we transition into everyday social struggles that the average person may have to deal with. This includes: Addiction, Spousal Abuse, Terrorism, Credit and Banking, as well as many other basic social problems in society. Students will leave this class with a better understanding about how the person they are developed and why those changes happened. Students will also demonstrate the ability to analyze problems that exist in society, and discuss their effects, as well as possible solutions. Requirements: Students will be expected to participate actively in class discussions. Research work on each major topic is also a class requirement. Students will do a research paper, plus written or oral book reports over material approved by the instructor.
Credits: 1	
Grades: 10-12	
Pre-requisites: None	

	Course #120 SCED Code: 04106

PSYCHOLOGY

1 Semester **Credits: 1** **Grades: 10-12** **Pre-requisites: None**	**Description:** Psychology is the study of human behavior. Looking scientifically at why human beings behave the way they do is a relatively young but very exciting science. Psychology investigates how people learn, how their personality was formed and how it effects their relations with others. Psychology is also interested in abnormal behavior, and how people can improve their mental health. The course will serve as a prep course for those going on to college and an introductory course for any students who are interested in understanding their own motivational and behavior. It is designed primarily for junior and senior students. Students will be expected to complete one research project and report on outside readings. Course #121 SCED Code: 04254

MOTIVATIONAL PSYCHOLOGY

1 Semester **Credits: 1**	**Description:** Motivational Psychology is a course designed to study what makes people successful. How does the popper type of motivation lead to

Grades: 10-12	success? We will cover how the brain, emotions, and a person's goals all influence their level of motivation. Why do some people stick to their goals while others five up quickly? A focus on the influence of emotional control, personal growth, psychological needs, and other factors that can lead to success. Students will be asked to journal as they go throught this class, and to take part in class discussions. Course # SCED Code: 04255
Pre-requisites: Must complete Psychology with a C+ or higher grade	

AMERICA AT WAR I - 1776-1900 ***OFFERED IN YEARS BEGINNING WITH ODD NUMBERS (i.e. .2025-2026)*

1 Semester	**Description:** America At War I is a survey course that focuses on all aspects of the American military. The class begins with a study of strategy, tactics, logistics and the 9 Principles of war. We move to rank, structure and military traditions of the US Armed Forces. Moving from the basics of the military, we focus on the various wars that America has fought in. These include: Revolutionary War, War of 1812, Mexican American War, Civil War. For each war, students learn the complicated political and economic reasons for the start of the conflict, important battles, strategies, and leaders. At the end of each conflict, students then analyze what was gained by these conflicts, what was lost and how each individual war changed the fabric of our nation, for better or for worse. Students should leave this class with a concrete understanding of what the military is, how it works, why we need it and how it has been an driving force for our country since before America even existed. Course #123 SCED Code: 04102
Credits: 1	
Grades: 9-12	
Pre-requisites: None	

AMERICA AT WAR 2 ***OFFERED IN YEARS BEGINNING WITH ODD NUMBERS (i.e. .2026-2027)*

1 Semester	**Description:** America at War II is an elective course designed for students who are interested military tradition, tactics on the battlefield, and involvement of the American soldier in the late 21st century and the Cold War. We will look at…
Credits: 1	
Grades: 9-12	

Pre-requisites: America at War 1	 • The Spanish-American War • World War I • World War II • Korean War • Vietnam War • Persian Gulf I • Iraq We will also look at the training and the life of the American soldier. Activities will include a term paper, power points, and classroom discussion. Students will also be introduced to rank and structure of the American military. Course #124 SCED Code: 04103

ETHNIC HISTORY ****** NOT OFFERED IN 2025-2026***

1 Semester **Credits: 1** **Grades: 9-12** **Pre-requisites: None**	**Description:** This course will explore the impact that various ethnic groups had on the development of American culture and history. Students will study the struggles these various groups had to overcome. Some topics that are covered: right to vote, equality in education, civil rights laws, and reasons for immigration. Students will also take a modern look at the political impact made by the various groups. Course #125 SCED Code: 04107

STREET LAW

1 Semester **Credits: 1** **Grades: 9-12**	**Description:** Street Law is the concept of educating people about law that is of practical use in everyday life (on the streets). Every purchase, lease, contract, marriage, divorce, crime, or traffic violation places the citizen face-to-face with the law. Street Law is designed to provide

Pre-requisites: None	you with an understanding of your legal rights and responsibilities, knowledge of everyday legal problems, and the ability to analyze, evaluate, and in some situations, resolve legal disputes. Street Law addresses general problems in the areas of criminal, consumer, family, housing, and individual rights law. The course also discusses situations such as what to do if you are the victim of crime, when and how to select an attorney, the legal rights and responsibilities of parents and children, how to register to vote, and what to do about discrimination or other violations or your constitutional rights. These and all of the topics covered in Street Law are designed to help you survive on the street. Course #126 SCED Code: 04162

1960'S ***OFFERED IN YEARS BEGINNING WITH ODD NUMBER (i.e. 2025-2026)*

1 Semester **Credits: 1** **Grades: 10-12** **Pre-requisites: None**	**Description:** "Today our concern must be with the future. For the world is changing. The old era is ending. The old ways will not do." - John F. Kennedy, 1960. The Counterculture, Camelot, The New Frontier, The Great Society, Civil Rights Movement, Vietnam War, The Home front, Assassinations, Space Race, MLK, JFK, LBJ, RFK, Sirhan Sirhan, The Grassy Knoll, November 22, 1963, Lee Harvey Oswald, Jack Ruby, Television War, Censorship, Flower Power, Sit-Ins, ERA, My Lai Massacre, Hippies, Tet Offensive, Khe San, 1968: The Terrible Year, Woodstock, "Tune in, Turn on, Drop out," POW MIA, Still in Saigon, NVA, "Call in a dust-off!" Viet Cong, Ia Drang Valley, "If I Die In A Combat Zone, Box Me Up And Send Me Home." What does it all mean?

	Course #127	SCED Code: 04109

AP U.S. HISTORY

2 Semesters	**Description:** A history of the United States from the time of colonization to present day. The course is intended to be a rigorous fast – paced look at US History. There will be a focus on reading and writing in this course. Students will be presented with many primary source documents. They will be expected to be able to read and understand these documents well enough to be able to form an opinion of a topic, and also be able to back up their position. The course will also provide a more in – depth approach of the events in US History. Students wishing to take this course must understand they will have an accelerated curriculum that will be intense and full of reading. It will not be required that the students take the AP test at the conclusion of the class, but highly recommended. Course #128 SCED Code: 04104
Credits: 2	
Grades: 11-12	
Pre-requisites: None	

SPANISH

SPANISH 1 - INTRODUCTION TO SPANISH

2 Semesters	**Description:** Students begin speaking, comprehending, reading, and writing Spanish. Topics include: sports, activities, foods, clothing, family members, transportation, furniture, and descriptive adjectives. Each chapter introduces a grammatical structure and information on culture of a Spanish speaking country. Much of the work is oral and requires memorization. Course #129 SCED Code: 24052
Credits: 2	
Grades: 9-12	
Pre-requisites: None	

SPANISH 2

2 Semesters	**Description:** Students further develop the areas of speaking, comprehending, reading, and writing in Spanish. Topics include: weather, feelings, animals, occupations, shopping, hotels, public buildings, reading maps, and musical instruments. There is a strong emphasis on grammar, reading, comprehension, and communication
Credits: 2	
Grades: 10-12	
Pre-requisites: Spanish 1 with a grade of C or better	Course #131 SCED Code: 24053

SPANISH 3

2 Semesters	**Description:** The culture of Spanish speaking countries is explored through videos, films, and projects. Grammar includes past and future tenses along with commands. Writing includes personal letters, paragraph development, storytelling and scene description.
Credits: 2	
Grades: 11-12	
Pre-requisites: Spanish 2 with a grade of C or better	Course #133 SCED Code: 24054

SPANISH 4

2 Semesters	**Description:** Spanish 4 students continue working on composition and conversational skills. Writing includes newspaper article development, writing the end of story or play and a research paper. Reading includes Spanish literature, magazines and newspapers
Credits: 2	
Grades: 12	
Pre-requisites: Spanish 3 with a grade of C or better	Course #134 SCED Code: 24055

VOCATIONAL

PRINCIPLES OF MONEY

1 Semester	**Description:** Math applied to areas which include wages, hourly rates, payroll deductions, sales, receipts, accounts payable and receivable, financial reports, discounts and interest, income, insurance, credit, banking, taxation, and finance. Course #93 SCED Code: 02157
Credits: 1	
Grades: 11-12	
Pre-requisites: None	

WORK STUDY ****Can't take more than 2 quarters**

1 Quarter	**Description:** Employment is the core of a person's life style whether the work involves a specialized career, a semi-skilled position, an entry-level job, or military service. This class is designed for seniors as part of transition planning from school to the real world. The overall purposes are: • To provide an opportunity to participate in actual work experiences through job placement. • To develop acceptable work attitudes that employers expect • To provide entry-level skill training in a career cluster area of their choice. The time frame of the work placement will be scheduled on an individual basis but must be established by the beginning of the
Credits: 1	
Grades: 12	
Pre-requisites: Employability Skills	

	semester prior to the semester desired. Students must provide their own transportation to and from the work site and must be in good academic standing with the district including grades and attendance. Students must complete a minimum of 45 hours in the placement Course #136 SCED Code: 22998

PEER TUTORING (Helping Junior High Students)

1 Semester	**Description:** Peer tutoring will give students interested in fields such as education, child psychology, social work, or other types of helping professions, experience working with youth. Duties and responsibilities will vary dependent upon where the student is placed. Course #139 SCED Code: 22054
Credits: 1	
Grades: 11-12	
Pre-requisites: Need instructor permission	

SOCIAL MEDIA MARKETING AND PROMOTION

1 Semester	**Description:** This course teaches students to promote the Edgewood-Colesburg School District and the local community through social media. Students will learn marketing strategies, branding, content creation, and analytics while managing real world projects. Work-Based Learning: Students will collaborate with local businesses to develop marketing campaigns, create and schedule social media content, and analyze performance and engagement. By the end of the course, students will have hands on experience, professional skills, and a portfolio of work that connects school to community. Course #46 SCED Code: 12162
Credits: 1	
Grades: 9-12	
Pre-requisites: None	

Students, parents, employees and others doing business with or performing services for the Edgewood-Colesburg Community School District are hereby notified that this school does not discriminate on the basis of race, color, age (except students), religion, national origin, sex, marital status, sexual orientation, gender identity, gender, creed, socioeconomic status, or disability in admission or access to, or treatment in, its programs and activities. The school district does not discriminate on the basis of race, color, age (except students), religion, national origin, sex, marital status, sexual orientation, gender identity, gender, creed, socioeconomic status, or disability in admission or access to, or treatment in its hiring and employment practices. Any person having inquiries concerning the school district's compliance with the regulations implementing Title VI, Title VII, Title IX, the Americans with Disabilities Act (ADA), § 504 or Iowa Code §280.3 is directed to contact:

Karla Trenkamp, District Equity Coordinator ktrenkamp@edge-cole.k12.ia.us
403 West Union Street P.O. Box 316 Edgewood, IA 52042

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