

*Interstate 35  
Secondary School*



*2017 - 2018 Course  
Descriptions*

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## **EQUITY STATEMENT**

Interstate 35 Schools does not discriminate based on race, creed, color, gender, sexual orientation, gender identity, national origin, disability, religion, age or familial status in its programs, activities, or employment practices. Direct inquiries to the Affirmative Action Coordinator, 405 E. North Street, Truro, IA 50257, or Director, Office for Civil Rights, Chicago, IL 60606-7204.

## **DISTRICT MISSION**

The Interstate 35 Community Schools exist to develop life-long learners and responsible, productive, successful citizens in an ever-changing society.

## **DISTRICT VISION**

Learners deserve an education that prepares them for the twenty-first century. Interstate 35 Community School district is the learning organization that must envision and make the necessary changes through school improvement to meet this challenge.

## **DISTRICT PHILOSOPHY**

The purpose of the Interstate 35 School District is to develop within each student the greatest degree of human potential and to prepare each student for a responsible role in society.

## **DISTRICT BELIEFS**

- All students can learn provided time and appropriate strategies.
- Students should be prepared for the future.
- School should address the needs of the community.
- School personnel should promote school/community communication and work with parents for the benefit of students.
- Co-curricular and extra-curricular activities are an integral part of the school.

*Note to Parents and Students of Interstate 35 Secondary School:*

This Course Description booklet was designed to enable you to select courses that meet the requirements for graduation from Interstate 35 Secondary School and choose courses that support your career path.

Secondary school graduates will spend approximately 45 years in the workforce. We encourage the students to plan a schedule according to career and educational goals. This is especially important to those seeking post high school training. The time spent planning and preparing for a career insures successful transition to the world of work.

Students are encouraged to take classes that are appropriate to their ability level. We would appreciate you discussing the classes your son or daughter wants to take and reviewing their plans for high school and post-graduation options. Students complete a tentative four-year high school plan and each year the student has the option of changing course selections as career and educational goals change. Materials are given annually to write down your goals and create a plan of action.

If you have any questions about the enrollment process, the four-year plan, or any other issues that arise, please do not hesitate to telephone or visit the Guidance Counselor's Office for educational and career planning information. Communication is the key to success.

## *How to use the Course Description Guide*

1. Plan a career pathway based on your current interests, skills, talents, and goals.
2. Decide on the level of post-secondary training or education you are willing to complete.
  - Work after high school
  - Technical/community college (2 years)
  - College or university (4 years)
3. Before you leave each grade, you should know the exact courses you plan to take the next year and have an idea of the courses you plan to take in the years to come.
4. In the Course Description Summary all classes are listed. The summary includes:
  - Period of time class meets (semester or all year)
  - Grade levels for classes
  - Recommended (some classes necessitate you to take a lower level class first)
  - One credit earned for completion each class except where noted.
5. Before students enroll, they meet with the guidance counselor to explain the enrollment process. They receive an enrollment request form, credit history, four-year plan update, and a course description packet is made available. When planning their schedule they should keep in mind:
  - High school graduation requirements
  - Level of post-secondary training or education they intend to complete
  - Admission requirement for Universities/Colleges & Technical/Community College
  - Student's career pathway
6. Students should consult parents, counselors, and teachers for advice on planning their schedule. A parental approval signature is required.
7. Choose classes required for graduation first, then choose classes in your career pathway or that will meet the admissions requirements for post-secondary, technical schools and colleges. Class selection should not be based on whether a friend is enrolling or the course of study is an "easy schedule." Choose challenging classes that will advance your graduation and career goals.
8. Choose alternative classes in case your first class is not available.
9. The Guidance Office is your resource for information on:
  - Occupations
  - Technical schools & community colleges
  - Colleges and universities
  - Scholarships and financial aid
  - Pre-employment skills
  - Job shadowing and mentoring

## GRADUATION REQUIREMENTS

### *INTERSTATE 35 DIPLOMA*

#### **Credits necessary for graduation:**

- A. 50 credits
- B. Students in grades 9-11 must carry 6.5 credits
- C. Must successfully complete all required courses.

#### **Required courses:**

- 1. 4 years of Physical Education
- 2. 4 years Language Arts
- 3. 3 years Social Studies
- 4. 3 years of math once the student enters 9<sup>th</sup> grade
- 5. 3 years of Science
- 6. 1 semester of Health
- 7. 1 semester of Life Skills

#### **Required Course Offerings:**

##### **Ninth Grade**

English 9 (1 semester)  
Speech (1 semester)  
Natural & Physical Science  
Math (Diff. Alg. A, Algebra I, or Geometry)  
Physical Education  
World History

##### **Tenth Grade**

American History  
Biology  
Composition (1 semester)  
English 10 (1 semester)  
Health (1 Semester)  
Physical Education  
Math

##### **Eleventh Grade**

Government (1semester)  
Language Arts  
Life Skills (1 semester)  
Math  
Physical Education  
Science (Intro to Chemistry & Environment or Chemistry)

##### **Twelfth Grade**

Economics  
Language Arts  
Physical Education

Due to class limits at registration time, juniors enrolling for their senior year have priority, then sophomores, etc. After registration, classes will be available on a first come first serve basis. Students will be assigned required courses by the administration. Required courses may not be dropped without failure to credit. Elective courses may be dropped only during the first five days of the course. Courses dropped after that time will result in failure to receive credit and a failing grade will be entered into the student's permanent record.

Home-schooled students may not obtain an Interstate 35 diploma. (Board policy 604.8) unless they complete all of the above listed graduation requirements established by the Interstate 35 School Board and these requirements are completed in the Interstate 35 classroom setting.

### ***Diploma with Distinction***

This diploma is for students that have gone above and beyond in and out of the classroom and will be recognized with a special cord at graduation. To qualify for a diploma with distinction the student will need to:

Earn at least 54 credits

Complete at least 30 hours of community service

Maintain a cumulative GPA of 3.5 or above

Successful completion of at least 12 credits (8 credits must be taken at Interstate 35) in the following upper level courses:

Spanish 3

Spanish 4

Pre-Calculus

Calculus

Chemistry

Physics

Anatomy and Physiology

AP Lit

College Writing

Psychology

PSEO

## Elective Offerings

Students can take electives at their grade level or the grades below:

(ie. Juniors can take electives from the freshman, sophomore, or junior elective lists)

	Freshman	Sophomore		Junior	Senior
<b>Agriculture</b>	ASTM	Ag Power Tech Animal Science Ag & Natural Resources		Ag Tech Ag Finance & Sales Ag. Bldg. Const. Adv. Welding	
<b>Art</b>	Art Design Drawing I Ceramics I Ceramics II	Painting I Painting II Drawing II Drawing III	3-D Media Photography Yearbook	Adv. Art Painting III	
<b>Business</b>	Digital Media I Digital Media II	Accounting Microsoft Office Entrepreneurship Investing		Personal Finance Business Law	
<b>Family &amp; Consumer Science</b>	Child Development I Child Development II Foods 1 Foods 2	Culinary Arts 1 Culinary Arts 2			
<b>Guidance</b>	Peer Helper Peer Practicum			Cadet 1 Work Release Early Release	Cadet 2
<b>Industrial Technology</b>	Woodworking Electricity Mechanical CAD Architectural CAD Adv. Arch. CAD Advanced Woods				Autos
<b>Language Arts</b>				American Lit College Writing Creative Writing Applied English Intro to Journalism Fiction World Lit Myth & Film	AP English Lit Jrnl. Practicum
<b>Music</b>	Concert Choir Instrumental Music Music Performance	Music Theory			
<b>Science</b>				Chemistry Anat. & Phys. Intro to Chem. & Env.	Physics
<b>Social Studies</b>	Global Cultures Legal Systems I Legal Systems II Contemporary History Cur. Problems	Sociology		Psychology	

# Agricultural Science Technology & Marketing

## ASTM

In order to meet the State Department of Education and National requirements for a CTE (Career Technical Program), all students enrolled in the I-35 Agricultural Science program will maintain a project outside of the classroom time period. Records of the students' choice will be maintained for the duration of the project. Examples of projects are: small and or exotic animals, job placement, crops/ horticulture, lawn care, home improvement, mechanical skills, livestock production, etc. Continuation and expansion of these projects can earn students financial stability far beyond graduation and possible recognition at the state and national level in the FFA organization. It is recommended that Agriculture students be members of the I-35 FFA Chapter and have the opportunity to compete in CDE contests throughout the year.

### Agricultural Science Technology & Marketing (ASTM): (Year) Elective

Grade Level: 9-12

Want to know more about one of the largest youth organizations in the world or hear about the largest business throughout the world? Then check out this course. You will not only receive information about modern agriculture in Iowa, but also the U.S. and the world of international agriculture business and production throughout the world. Also included will be the introduction into one of the largest youth organizations available for young men and women, the National FFA Organization. The FFA helps develop financial stability, leadership, sportsmanship, and responsibility. Time will also be spent on developing a project where each student will keep track of income, expenses, and hours of labor applied.

### Ag Building Construction: (Semester) Elective

Grade Level: 11-12

Recommended: Woodworking

Want to learn the basics of remodeling or constructing a building? If so, Ag. Construction might be for you. Students will work on the construction of a usable building (garage, storage shed, etc.) from start to finish. Activities that will be included are blueprint reading, selection and purchasing of building materials, site layout, foundation, framing, sheeting, roofing, windows and doors, exterior finish, interior wall and floor, and electrical work.

### Ag Power Technology: (Semester) Elective

Grade Level: 10-12

Recommended: ASTM or Discretion of Teacher

Hey! Are you tired of having to ask someone else for information about the principles of operation for a gasoline engine? If so, then this class is for you! Each student will be presented and will learn the operation principles and maintenance of 2 and 4 stroke engines. You will be required to do repairs, maintenance adjustment and overhaul of your own 2 or 4-stroke small engine. Emphasis will also be placed on a business type development for each students required project.

### Ag Technology: (Semester) Elective

Grade Level: 11-12

Recommended: ASTM or Teacher Discretion

This course will emphasize many different careers available in the agricultural field. The majority of the class time will be with hands-on learning activities. Agricultural mechanics training will include metals, woods, pipe work, and home shop. Machinery and equipment up-keep will also be emphasized. A required project based on metal or wood fabrication is to be built in the school lab for repairs made to existing equipment.

### Agricultural Financing & Sales: (Semester) Elective

Grade Level: 11-12

This course will emphasize Record Keeping systems and Marketing in relation to agriculture, along with preparing job applications, and resumes related to Ag sales. Areas of study will include the use of computers to prepare records, spreadsheets, budgets, income tax, and the preparation of a business plan. Students will learn about different marketing techniques and have the opportunity to use these skills to interpret the four marketing methods of buying and selling goods. A team approach will be utilized in developing a marketing strategy as they buy and sell commodities on a Mock Chicago Board of Trade Scenario.

### Animal Science: (Year) Elective

Grade Level: 10-12

Recommended: ASTM

Students will cover the Animal Husbandry production of swine, beef, sheep, other domestic animals and animal breeding. Instruction time will also be spent on developing meeting nutrition guidelines and troubleshooting diseases and parasites that affect livestock. Students will be expected to participate on judging teams made available throughout the year. Emphasis will be placed on the animals that are raised in the area.

### Agronomy & Natural Resources: (Semester) Elective

Grade Level: 10-12

Recommended: ASTM or Teacher Discretion

If you are interested in wildlife, forestry, water pollution, plants or any other valuable natural resource, then head down to the ASTM Department and pick up some information that could give you a new outlook towards today's modern agriculture. The areas of study will be as follows; water and wildlife management, forestry, soil conservation, plant propagation, soil fertility and chemical usage.

### Advanced Welding: (Semester) Elective

Grade Level: 11-12

Recommended: Ag. Technology (Welding)

This will be a project based course with student learning contract required prior to acceptance in class; students will need to plan and design a major project(s) with their parents' consent, to be completed during the semester. All materials will need to be ordered prior to the start of the semester and be on hand within the first three days of class; if not, a student may be dropped from the course. Students will also have the opportunity to work on the metal lathe/mill in turning and facing small components.

## **Art Education**

### 3-D Media: (Semester) Elective

Grade Level: 9-12

Recommended: Art Design

Students will explore the essence of 3-D art through a variety of art media. Students will experience basketry, printmaking, plaster casting, found item sculpture and an array of other projects. Most all projects will include some form of 3-D process.

### Art Design: (Semester) Elective

Grade level: 9-12

Art Design is the introductory class for all art classes (besides ceramics). The course will enable the student to become visually sensitive to the world in which he/she lives. Design is the basic foundation for art as well as everyday visual experiences. Color theory is stressed. Projects will be based on the seven elements and principles of design in both two-dimensional and three-dimensional work. The student will also develop the ability to critically evaluate his/her own artwork, as well as the artwork of others.

### Ceramics I: (Semester) Elective

Grade level: 9-12

Discover the basic history of ceramics while making, firing and decorating your own creations! We will review basic ceramic techniques and hand-build some unique projects. Learn more about glazing and firing, as well as how to load and unload a kiln! With guidance you will create functional and non-functional pottery and sculpture. Wheel thrown pottery will be introduced. This class will utilize an online portfolio and blog to display learning. Students will participate in written and oral critiques and reports about classwork. Join this class and be prepared to bring a great work ethic and high energy, playing with dirt has never been so much fun! *There are no prerequisites for this course.*

### Ceramics II: (Semester) Elective

Grade level: 9-12

Recommended: Ceramics 1

A course designed for self-motivated students who wish to develop and build upon the skills covered in Ceramics 1. Students may choose to concentrate on hand-building, throwing on the wheel, surface decoration, or other areas of particular interest as they work toward developing an individual style in their ceramics. Students may also begin to explore the addition of other materials to create mixed media sculptures.

### Drawing I: (Semester) Elective

Grade level: 9-12

Recommended: Art Design

Learn a variety of drawing skills and techniques. Hand-eye coordination, perspective, and an increased perception of the world around us will enhance your life CREATIVITY! Units in design, composition, perspective, landscape, contour, human gesture, and still life will develop your own style and mastery. Course includes intro and application to different drawing mediums.

### Drawing II: (Semester) Elective

Grade level: 10 -12

Recommended: Art Design, Drawing I

Learn a variety of advanced drawing skills and techniques. Must have B or above in Drawing I & teacher signature for registration.

### Drawing III: (Semester) Elective

Grade level: 10 -12

Recommended: Art Design, Drawing I, Drawing II

Learn even more advanced drawing skills and techniques. Must have B or above in Drawing I & II and teacher signature for registration.

Painting I: (Semester) Elective

Grade Level: 10-12

Recommended: Art Design & Drawing I

EXPLORE YOUR IMAGINATION through color! Develop your own painting style and master an art that can be a lifelong hobby for fun or profit. Techniques in watercolor and acrylic, paint will be mastered to create graphics, landscape, wildlife, abstract, and portrait paintings on paper, canvas, or other available supplies.

Painting II: (Semester) Elective

Grade level: 10 -12

Recommended: Art Design, Painting I

Learn even more advanced drawing skills and techniques. Must have B or above in Painting I & II, and teacher signature for registration.

Painting III: (Semester) Elective

Grade level: 10 -12

Recommended: Art Design, Painting I, Painting II

Learn even more advanced drawing skills and techniques. Must have B or above in Painting I & II, and teacher signature for registration.

Photography: (Semester) Elective

Grade Level: 10-12

Students will explore the basic foundations of photography such as composition, lighting, angles, and posing. The class will focus on a more artistic foundation for printing of finished works using computer skills and Photoshop. Students will learn the value of process as well as have a good knowledge of costs involved with photography. This class is designed to teach up to 10 students how to take good photographs, be creative with the images, and how to critique in a positive fashion about one's own work as well as the work of others.

Yearbook: (Year) Elective

Grade Level: 10-12

Recommended: Tech Lit and/or Microsoft Office/Learn the business of Publishing

Limit: Returning students receive priority

In this course, students are responsible for every aspect of publishing the Roadrunner Yearbook. The yearbook is designed in its entirety throughout the year. The ability to meet deadlines is necessary in this course, and students are expected to attend a portion of the school's extra-curricular activities in order to photograph and report on the activities in the annual. This course incorporates individual creativity, teamwork, digital photography, computer skills, and written expression. Students are in charge of book sales and advertising sales. Students are required to participate in this class for a full year due to the business, financing and deadlines required. This is a small business class and students may be asked to resign if they cannot keep up standards of expectations. Teacher signature needed for registration.

Advanced Art: (Semester) Elective

Grade Level: 11-12

Recommended: Drawing & Painting

This class is for the serious art student. You will be challenged with visual problems in a variety of medias. You will explore the use of design in the business end of art, including: poster design, logo creation, illustration, architecture, and digital photo manipulation. Teacher signature needed for registration.

# Business Education

## Technology Literacy: (Semester) Elective

Grade Level: 9

This is a required course for 9<sup>th</sup> graders. It introduces word processing, Internet, spreadsheets, and presentation concepts through hands-on applications and projects. The students will study how software tools are used with each other for business, personal, and school purposes.

## Personal Finance: (Semester) Elective

Grade Level: 11-12

Personal Finance is a course designed to help students make good financial decisions – now and in the future. Areas of studying include: understanding income, money management, spending and credit, and saving and investing.

## Accounting: (Year) Elective

Grade Level: 10-12

This course places emphasis on the basic principles, concepts, and procedures of accounting used in most businesses. The student will study the elements of accounting and the accounting equations, double-ledgers, finding and correcting errors, preparation of worksheet for adjusting and closing books, financial statements, and introduction of the use of data processing in accounting.

## Microsoft Office Procedures: (Year) Elective

Grade Level: 9 -12

Recommended: Completion of Technology Literacy

This is a computer applications class that students learn to use the software package, “Microsoft Office Professional” (Microsoft Word, Excel, Access, and Power Point and the use of business resources available through the Internet). It will help students realize that computers are no longer merely tools, but increasingly becoming means by which we acquire information. In addition, the student will demonstrate proficiency with software applications on microcomputers including hands-on experience.

## Digital Media I: (Semester) Elective

Grade Level: 9-12

Recommended: Tech Lit

For the student who wishes to increase his/her knowledge of digital media. Emphasis is on the usage of digital graphics, audio, and still motion video. Students will learn various computer editing programs as well as create storyboards, scripts, and digital media projects. Selected computer applications will be studied and included as part of multimedia presentations, professional web/multimedia applications (adobe Photoshop, InDesign, Dreamweaver). Students will be introduced to operating a digital camera for basic video & video editing. Students enrolled in this course need to be reliable, self-motivated, organized and creative who will meet deadlines and work well with others.

### Digital Media II: (Semester) Elective

Grade Level: 9-12

Recommended: Successful completion of Digital Media I or teacher approval

This course is a continuation and more advanced level of Digital Media I. It will provide students with industry knowledge and skills in the overall digital media design field. Areas covered include graphics, animation, videos and web design. Students will continue to explore design and video production and will be involved in producing video content to be shared with the community. Students enrolled in this course need to be reliable, self-motivated, organized and creative who will meet deadlines and work well with others.

### Entrepreneurship: (Semester) Elective

Grade Level: 10-12

Students will be provided with the knowledge needed to realistically evaluate their potential as a business owner. They will examine all the major steps involved in starting a new business: Ownership, Strategy, Finance, and Marketing. Students will develop a business plan, and learn what it takes to get an entrepreneurial venture off to a good start.

### Investing: (Semester) Elective

Grade Level: 10-12

Recommended: Personal Finance

Students will learn a step-by-step method of approaching smart saving and investing. Topics include certificates of deposit to mutual funds and stocks. They will learn to analyze the value of stocks and understand the importance of investing for the future.

### Business Law: (Semester) Elective

Grade Level: 11-12

Recommended:

This course will emphasize legal concepts that are relevant to business and business organizations. Students will examine contracts, buying/renting property, installment buying, insurance, buyer/seller relationships, employment, taxes, commercial papers, legal organizational structures and consumer liabilities.

## **Extended Learning Programs & Services**

### Autonomous Learner Model (ALM):

Grade Level: 11-12

The Autonomous Learner Model for the Talented and Gifted is designed to meet the diversified cognitive, emotional, and social needs of gifted and talented students. This provides students with the opportunity to do an in-depth study on a chosen topic. ALM gives information, experiences, attitudes, skills and concepts necessary to facilitate students' growth as autonomous learners.

### Assisted Reading: (Year)

Grade Level: 11-12

Assisted Reading is a class designed to help students improve their reading skills. Students in Assisted Reading will work on vocabulary development, oral reading, reading rate, and comprehension skills. Teacher signature needed for registration.

## **Family and Consumer Science**

### Child Development I: (Semester) Elective

Grade 9 - 12

This course will help students learn the study of young children and careers with them. We will begin by understanding childhood, parenting, and families. The development of the child will begin with conception and continue through the baby's first year. Topics covered will include guidelines for having a healthy baby, prenatal care, prenatal development, environmental hazards, childbirth, postnatal care, infancy, and new parent concerns.

### Child Development II: (Semester) Elective

Grade 9 - 12

Recommended: Child Development I

Child Development II explores the physical, social, emotional, and intellectual development from toddlers to six years of age. Other topics will include the meaning of developmentally appropriate, child safety, child abuse, exceptional children, and tips for parenting.

### Foods 1: (Semester) Elective

Grade Level: 9-12

Students will gather basic cooking skills and techniques to prepare themselves for their future. The course will focus on food for nutrition and enjoyment. Discussions will involve safety and sanitation, nutrition, recipe manipulation, baking basics, measurement, knife skills and proper use of kitchen equipment. Emphasis will be on quick breads, salads, breakfast foods and baking. Students will explore nutritional needs while learning to prepare the foods that enhance growth and development.

### Foods 2: (Semester) Elective

Grade Level: 9-12

Recommended: Foods 1

Foods 2 is an advanced study of food preparation, nutrition and meal planning. The course will continue to build on the central themes of food for nutrition and enjoyment as developed in Foods 1. Discussions will involve food for personal and family enjoyment as well as time and money management. Advanced skills will be cake preparation, menu planning, meats and pastries. The students will be exposed to careers in the food industry through various field trips throughout the semester.

### Culinary Arts 1: (Semester) Elective

Grade Level: 10-12

Recommended: Foods 1 and 2 or Teacher Recommendation

This course will examine culinary arts as well as careers which exist in the hospitality industry. Discussions will build on the central themes of Foods 1 and 2, while focusing on areas such as soups, sauces, starches, eggs and meats. Buffet decoration, cake decorating, garnishing and foreign foods will also be explored. Special projects will include guest speakers, field trips and research projects.

### Culinary Arts 2: (Roadrunner Café) (Semester) Elective

Grade Level: 10-12

Recommended: Foods 1, 2 and Culinary Arts 1 or Teacher Recommendation

Culinary Arts 2 is the fourth step in the I-35 culinary program. The class will focus on the functional application of advanced cooking skills, terminology and skills studied in Foods 1, 2 and CA1. Areas of study for this course will be understanding of the foodservice industry, manipulating standardized recipes, managing resources, developing menus and taste as well as food presentation. The class will provide students a hands-on experience in restaurant operation by staffing and operating the Roadrunner Café. The experience will offer students valuable skills in the food service industry. Grades for this course will be determined through evaluation of their development in the food business setting as well as finished product and skill attainment.

## **Foreign Language**

Note: Foreign Language requirements differ from college to college. Check college catalogs regarding entrance and exit requirements of the school you are considering. Some colleges consider 1 year of high school Spanish to one semester of college Spanish. It is your responsibility to check college catalogs.

### Spanish I: (Year) Elective

Grade Level: 9-12

In Spanish I, students will learn basic Spanish vocabulary. They will learn how to conjugate verbs and construct sentences. Students will practice reading, writing, speaking, and listening skills in Spanish during this course.

### Spanish II: (Year) Elective

Grade Level: 9-12

Recommended: Spanish I

In Spanish II, students will increase vocabulary and knowledge of grammar. They will continue to practice reading, writing, speaking, and listening skills in Spanish. More attention will be given to writing skills in this course.

### Spanish III: (Year) Elective

Grade Level: 10-12

Recommended: Spanish II

In Spanish III, students will be given opportunities to improve their Spanish communication skills in reading, writing, speaking, and listening. They will use basic vocabulary and grammar on a continual basis. They will also learn new vocabulary and grammar.

### Spanish IV: (Year) Elective

Grade Level: 11-12

Recommended: Spanish III

In Spanish IV, students will improve their ability to communicate in Spanish, as they practice using basic vocabulary and grammar in reading, writing, speaking, and listening. They will learn some new vocabulary and grammar, also. During this course, students will review most of the verb tenses of the indicative mood as well as the subjunctive mood and the imperative mood.

## **Guidance**

### Peer Helper: (Semester) Elective

Meets Two Times a Week

Grade Level: 9-12

Peer helper is a training experience where any young person can learn to help other students in solving personal problems and demonstrating positive social skills. The training is a sequential series of sessions to prepare students to be helpful. As a result of training, a peer helper may actively listen, offer understanding, and can provide information and referral options. The goals of this class include: gaining self-awareness, developing positive attitudes, making healthy choices, respecting others, gaining responsibility, developing healthy relationship skills, resolving conflicts, and making effective decisions. Each session deals with a new topic and builds on the skills, which have been taught earlier. The instructional method for peer training utilizes discussion and group dynamics rather than group counseling. You will be graded on participation, 5-hour service learning project, assignments, and blogging.

### Peer Practicum: (Semester) Elective

Grade Level: 9-12

Recommended: Peer Helper and Counselor Approval

After one semester of peer helper training, a student may take peer practicum. This is a structured helping situation and continued development of helping skills. Formal helping experiences may include tutoring, helping a student with a concern, orienting new students, and helping facilitate classroom discussion on special topics.

### Cadet 1: Elective

Grade Level: 11-12

Recommended: Peer Helper

The student will work with a teacher in preparing lessons, labs, and working for the teacher. An application must be completed before you will be approved for cadet. The classroom teacher will complete a rating sheet and the grade will be listed as “credit or “no credit.” Applications are available in the guidance office.

### Cadet 2: Elective

Grade Level: 12

Recommended: Peer Helper & Cadet 1

The student will work with a teacher in preparing lessons, labs, and working for the teacher. An application must be completed before you will be approved for cadet. The classroom teacher will complete a rating sheet and the grade will be listed as “credit or “no credit.” Applications are available in the guidance office.

### Work Release: Elective

Grade: 11-12

Students wishing to work during the school day must fill out a work permit form. It must be filled out completely. A student wishing to qualify must be a junior or senior and have a minimum 1.5 grade point average for the current grading period. Work release students must have two evaluations completed during the semester. At the end of the semester a four-six page report will be due, explaining your work experience.

## Health

Note: One semester of Health is required in tenth (10<sup>th</sup>) grade. Students may select from two offerings: Wellness or Current Health.

### Current Health: (Semester)

Grade Level: 10

Current Health will emphasize health issues and events at the world, national, state, and local levels. Topics to be covered will include consumer health, health and the environment, stress management, alcohol and drugs, and controlling and preventing diseases, and nutrition. New frontiers in health technology will also be addressed. Students who do not take health according to school law 281—12.5(6) or 279.50(4) will be required to take a substitute course unit and should contact the principal.

### Wellness: (Semester)

Grade Level: 10

Wellness will emphasize healthful living. Life management and decision-making skills with goals setting will be incorporated into each unit. Topics to be included are personal wellness and fitness, the costs of raising a child, drugs in our society, careers available in health, maintaining a healthy body system, and family health (which will include sex education). Students who do not take health according to school law 281—12.5(6) or 279.50(4) will be required to take a substitute course unit and should contact the principal.

## Industrial Technology

Note: Articulation Agreement/Southwest Community College, Creston, Iowa – I-35 Industrial Tech currently has an agreement with SWCC in articulating courses of Drafting I, Applied Sketching and Technical Drawing, Woods I, Ag Building Construction and Ag Power Technology. Pending on student's competency progress charts, grades, & recommendations, select college courses such as Structural Drafting, Fundamental Drafting, Construction, etc. can possibly be waived. (SD100/SD 105/SD 190/AB 100/CT 100, CT 110, CT 120)

### Mechanical CAD: (Semester) Elective

Grade Level: 9-12

In Mechanical CAD students will be using a CAD program to create 3-dimensional objects of mechanical parts. In addition, students will create 2-dimensional layouts from these 3-dimensional drawings, and will learn to create assemblies using multiple 3-dimensional parts as well as conduct motion studies from these assemblies.

### Architectural CAD: (Semester) Elective

Grade Level: 9-12

In Architectural CAD students will use the Chief Architect program to create a house from top to bottom. Included in the instruction will be the basics of the Chief Architect program. Students will learn to construct floor plans, build walls, roofs, staircases, etc., as well as designing the interior of the house and landscaping the terrain around the house.

### Advanced Architectural CAD: (Semester) Elective

Grade Level: 10-12

Recommended: Architectural CAD

Building on knowledge gained in the Architectural class, Advanced Architectural CAD will allow you to increase your knowledge and skills. New features and functions of Chief Architect will be introduced. You will learn how to read and interpret residential and commercial blueprints. You will design buildings from blueprints and you will create blueprints from existing structures

### Autos: (Semester) Elective

Grade Level: 12

Recommended: Small Engines or Instructor approval

This introductory course includes theory and hands-on learning experiences in the basic operations of an automobile, such as how engines work, electrical, cooling and lubrication systems. Student will also learn basic maintenance functions including brake and tire service.. Students will learn to use hand tools, power tools, testing and troubleshooting equipment, as well as service manual use. Safety will be taught throughout the course. Students that achieve competency in this course will obtain entry-level skills necessary for employment as an automotive service person. These skills will provide students with a solid foundation for continued training in this field.

### Electricity: (Semester) Elective

Grade Level: 9-12

This course will explore, analyze and study areas in electricity on tools and safety, voltage, currents, resistors, electrical power, units of measure, residential wiring and installation. Students will work with partition set-ups individual and group wiring projects in the lab area. We will spend 9 weeks in the classroom and 9 weeks in lab-classroom skill work.

### Woodworking: (Semester) Elective

Grade Level: 9-12

Students will learn the basic skills and fundamentals of the woods shop. We will combine safety skills and projects for you to learn and use the skills that will prepare you for the advanced woods classes. Students will learn basic shop safety that is required to do safe work in the shop. Along with safety students will learn the tools and equipment that will be used in the shop along with how to use them.

### Advanced Woods: (Semester) Elective

Grade Level: 9-12

Recommended: Woodworking

This one semester course focuses on the basics of wood working. Students will learn basic safety with woodworking equipment, building materials, and following a plan to build a project. Students will build one project of the instructors choosing and one of the students choosing.

# Language Arts

## I. LITERATURE

### English 10: (Semester) Required Grade Level: 10

This course combines a study of literature with a development of writing skills. Poetry, short stories, drama, and a novel are used to reinforce student skills in comprehension and knowledge of plot development. The writing assignments emphasize clarity, correctness, and basic research techniques.

### Advanced Placement Language Literature: (Year) Elective Grade Level: 12

AP LITERATURE is designed for the college-bound student. The first semester is spent studying British literature from a historical perspective ranging from the Anglo-Saxon times to the modern day. During the second semester students will still be reading various works, but the emphasis will shift to writing different types of literary essays. Because literary writing is a major component of the course AP Literature can be taken for either a literature or composition credit. At the end of the year students may take the Advanced Placement Examination and may receive college credit if their scores meet related college guidelines.

### World Literature: (Semester) Elective Grade Level: 11-12

WORLD LITERATURE provides students with an opportunity to explore literary works from around the world and across time. We'll use these works to explore differences and examine how differing worldviews can create both conflict and progress. During our time together, we'll discover and research differences in order to become better citizens of a global community. This course will push students to think about their world from different perspectives while carefully nurturing reading comprehension and written communication skills. Our study of works of world literature from Antiquity through the Modern Era will help students grasp the cultural/historical contexts and the enduring human values which promote peace and understanding. This course gives special attention to critical thinking, problem solving, cultural sensitivity and film analysis.

### American Literature: (Semester/Year) Elective Grade Level: 11-12

INTRODUCTION TO AMERICAN LITERATURE is an elective semester-long course recommended for college bound upperclassmen. In accordance with the Iowa Core Curriculum, American Literature at Interstate 35 CSD is a designed to be an intensive exploration of the American identity through literature. Thomas Jefferson wrote that his dream for American education was, "to enable the people to understand what is going on in the world that to keep their part of it going right." This dream lies at the core of this course. We will not only look closely at America's history, values, and role in the world, but continue to question what American values should be. Students are asked to read, write, listen, think critically and research in order to develop the communication and independent thinking skills required of a successful 21st Century learner.

### Fiction: (Semester) Elective

Grade Level: 11-12

FICTION is an elective course for upperclassmen designed to strengthen reading and communication skills. What is fiction? Is it make-believe, social critique, or a way to philosophize? Does fiction enlighten us or deceive us? Are the forces of good and evil universal truths? What is love? Why do we believe in urban legends? In this course, we'll approach these questions and more, looking at several genres of fiction: mystery, horror, urban mythology, adventure, fantasy, romance, and science fiction with an eye toward the social and personal purposes fiction can fulfill. Assignments will focus on close-reading techniques and different approaches to interpreting fiction. This course is highly interactive and includes simulation games, large-scale experiments, group projects, and hands-on engagement.

### Myth and Film: (Fall Semester) Elective

Grade Level: 11-12

MYTH AND FILM is designed to give students an opportunity to develop their writing and critical thinking skills by discussing, analyzing, and evaluating examples of ancient myths in modern film. We will use films to trigger common experience as a class and unpack concepts about the human experience. The course is primarily a writing class and utilizes comparative writing, creative screenplay writing, analysis of scripts, and personal responses to casting/scores/cinematic elements.

## **II.COMPOSITION**

### English 9: (Semester) Required

Grade Level: 9

The class emphasizes good writing skills using the Kansas University Strategies (KU). In addition, students will study vocabulary and read literary selections such as drama, short stories, novels and technical reading material with the emphasis on comprehension development.

### Composition: (Semester) Required

Grade Level: 10

Composition is a one-semester course required for all sophomores. In accordance with the Iowa Core Curriculum, Composition at Interstate 35 CSD is designed to be a practical, project-based opportunity to build and practice writing skills. This course moves beyond basic grammar rules and instead focuses on form and purpose of writing. Students will get a chance to write lyrics, personal statements, commercials, reflections, and cause and effect papers. The course capstone activity is a large-scale research project in which the students work collaboratively to transform the classroom into a living museum exhibit while crafting a professional research paper. This course is interactive, collaborative and requires critical thinking skills.

### Creative Writing: (Semester)

Grade Level: 11-12

This course is designed for students who enjoy writing, especially personal writing. Units are taught in writing descriptions, composing short stories and poetry, and adding humor to compositions. While student writing is expected to be mechanically sound, the emphasis of this class is on creative expression. Students are required to keep a journal and write daily.

### Applied English: (Semester)

Grade Level: 11-12

This course is designed for the average ability student who wants to improve fundamental skills in order to be ready for the workplace. This includes vocabulary, spelling, and oral and written communication skills: such as summarizing, effective listening and comprehension. A speaking component is included as well as emphasizing presentation and speaking skills used in the workplace.

### College Writing: (Semester)

Grade Level: 11 – 12

In this college preparatory course, students focus on the process of writing clear, correct, and effective expository essays in response to materials drawn from culturally diverse sources. Emphasis is placed on using various methods of organization appropriate to the writer's purpose and audience. Students are introduced to argumentation, fundamental research methods and documentation procedures. Students write frequently both in and out of class. Students will also work with both MLA and APA citation as they will at the next level.

### Intro to Journalism: (Year) Elective

Grade Level: 11-12

INTRO TO JOURNALISM is an elective year-round course for juniors and seniors. This highly interactive course pushes students to engage in the important work of the fourth estate. Designed to allow students to experience different types of journalism and media, Intro to Journalism combines media literacy, writing for audience, technical communications, mass communications, publication and production into one course. Journalism, and all the skills surrounding this broad area, is the ideal course to help our students gain 21<sup>st</sup> Century skills and demonstrate them to a variety of audiences. Journalism combines both group work (in the form of editorial boards, reporting teams, publication or media staffs) and individual leaders (editorial writers, editors, directors and producers) and gives students the opportunity to communicate with the school community, through a variety of electronic media, including websites, podcasts, broadcast programs, online video and the school's monthly publication, The Roadrunner Report. This course focuses on helping students to recognize universal themes in events, and explore the human experience. Student journalists, at their best, are storytellers, using literary techniques and background, to tell true stories. Journalism can provide the link between the truths of fiction and the truths of real life and real people. Welcome to the War Room.

### Journalism Practicum: (Year) Elective

Grade Level: 12

JOURNALISM PRACTICUM is an elective, year-round course for seniors who have already taken Intro to Journalism. This course is designed to expand students' skills in the areas of journalistic writing, publication, production and leadership. Practicum students will be required to assume a leadership role on the editorial board of The Roadrunner Report and will receive an English credit for their intensive writing, communication, and organizational work. Both courses are writing intensive and include collaborative work, interactive activities, and field trips.

## **III.COMMUNICATION**

### Speech: (Semester) Required

Grade Level: 9

FRESHMEN SPEECH is a one-semester course required for all freshmen. In accordance with the Iowa Core Curriculum, Speech at Interstate 35 CSD is a designed to be a practical, hands-on opportunity to build and practice public speaking skills. Students are asked to read, write, speak, actively listen, think critically and research in order to develop the communication skills required of a successful 21st Century learner.

## Life Skills

### Life Skills: (Semester) Required

Grade Level: 11

This class is a one-semester (one credit) required course for **all juniors or any senior transfer student**. Four teachers will team-teach this course. It will be offered during the second semester of the school year. This course will cover Applied Communications, Cultural Diversity, Business Skills, Personal Finance, Employability Skills and Agriculture Science. Each teacher will have  $\frac{1}{4}$  of the junior class at a time. After  $4\frac{1}{2}$  weeks, each  $\frac{1}{4}$  group will rotate to the next teacher. Each teacher will be covering units on employability skills for job seeking and job keeping.

## Mathematics

### **Students are required to take at least three of the following courses over the high school career:**

#### Algebra I: (Year)

Grade Level: 9 - 12

Algebra I is the entry level high school math course. Students will demonstrate a working understanding of the following algebraic concepts: algebraic expressions, real numbers, solving and graphing equations, polynomials, systems of equations, multiplying and factoring polynomials, and ratios and proportions.

Algebra I at the 8<sup>th</sup> grade will count as a high school elective credit and will be calculated into the grade point average. A student may only retake Algebra I with instructor approval. Please refer to “Repeating a Class” in the Policies & Guidelines section of this book.

#### Geometry: (Year)

Grade Level: 9-12

Recommended: Algebra I or Differentiated Algebra A & B

Geometry students will formulate definitions and discover generalizations, express mathematical ideas orally and in writing, make and test conjectures, formulate counter-examples, and follow and construct logical arguments. Students will learn to read written presentations of mathematics with understanding, understand the connections between mathematical topics and between mathematics and other disciplines, and use technology to make decisions and solve problems. Work done in cooperative groups will allow relationships to be developed with others.

#### Algebra II: (Year)

Grade Level: 9-12

Recommended: Algebra I & Geometry

The Algebra II discipline complements and expands the mathematical content and concepts of Algebra I and Geometry. It emphasizes finding solutions for and graphing, polynomial functions, inequalities, systems of equations, exponential and logarithmic functions, rational functions, trigonometric functions, and conic sections. We will also explore matrices, the complex number system and trigonometric relationships.

Class activities will incorporate problem solving competencies in algebraic operations, communicating mathematical thinking, and modeling algebraic reasoning in real-life situations. Students will use the TI-83 graphics calculator throughout the year.

### Pre-Calculus: (Year)

Grade Level: 11-12

Recommended: Algebra I, Geometry, & Algebra II

This college preparatory course develops the concepts of trigonometry and analytical geometry. Students will study functions and transformations, circular and periodic functions, applications using the laws of sine and cosine, polynomial and rational functions, exponential and logarithmic functions, vectors, conic sections, curve sketching, sequence and series, permutations and combinations, probability, and matrices. A student successfully completing this course will have improved opportunity for success in college or calculus. Students will use the TI-84 graphing calculator throughout the course.

### Advanced Placement Calculus: (Year)

Grade Level: 12

Recommended: Algebra I, Geometry, Algebra II, & Pre-Calculus

This is a one-year course designed for the accelerated 12th grade mathematics student who is considering advanced placement in college or wishes to have maximum preparation for college calculus. Course content includes study of the mathematics of change and motion through in-depth analysis of functions, limits, and derivatives. Completion of this course will give students the opportunity to take the AP Test and earn college credit.

### Differentiated Algebra A: (Year)

Grade Level: 9

This is the first year of a two-year series that covers the same content as the Algebra I. Students are placed in this course through Iowa assessment scores, algebra aptitude test, teacher recommendation, and administrative decision. Students in this course receive intensive attention to concepts and support based upon their specific algebra needs. Throughout this course we will go over algebraic expressions, real numbers, solving and graphing equations, polynomials, systems of equations, multiplying and factoring polynomials, and ratios and proportions.

### Differentiated Algebra B: (Year)

Grade Level: 10

Recommended: Differentiated Algebra A

This is the second year of a two-year series that covers the same content as the Algebra I. Throughout this course students will receive intensive attention to concepts and support based upon their specific algebra needs. Students will continue analyzing and solving linear equations, systems of equations and inequalities, and exploring polynomials. We will also continue to expand on the geometry, probability and statistics basics.

### Foundations of Algebraic Thinking: (Year)

Grade Level: 11-12

Recommended: Differentiated Algebra A & B or Algebra I, Geometry, and Teacher Recommendation

Foundations of Algebra II extends algebra and geometry concepts. The course 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 plane and solid figures; rules of congruence and similarity; coordinate geometry including lines, segments, and circles in the coordinate plane; and angle measurement in triangles including trigonometric ratios.

# Music

## Instrumental Music: (Year) Elective

Grade Level 9-12

Band is a year-long course that is open to students who have an interest in playing a band instrument. Band class emphasizes meeting the Iowa Music Standards and Benchmarks through rehearsals and performances. A wide variety of styles and ensembles are an integral part of the class. Ensembles may include concert band, pep band, jazz band, jam band, drum line, marching band, small ensembles and soloists.

Required performances are scheduled and graded. Normal required performances include: two evening concerts, 15 or more pep bands, and other performances throughout the school year.

Extracurricular non-graded activities band students may choose from include: jazz band, jam band, lessons, small ensemble, solo/ensemble music, honor bands, music composition/theory, and All-State.

## Marching Band Color Guard: (No Credit)

Grade Level: 9-12

Non-band members who wish to perform in the marching band Color Guard are accepted by passing an audition with the band director. Color Guard members must rehearse (1<sup>st</sup> & 4<sup>th</sup> quarters) with the marching band as well as additional Color Guard practices outside the school day. Non-band Color Guard members will be scheduled in a study hall during 2<sup>nd</sup> and 3<sup>rd</sup> quarters. All performances and practices are required.

## Concert Choir (Year) Elective

Grade Level: 9-12

Concert choir is designed for 9-12 grade students who are interested in singing. Class will include study of intermediate vocal techniques and exercises, review of basic theory and terminology, intermediate sight-singing, study of the human voice, vocal health, and history of choral music through performances of various styles of vocal literature. Each semester the Concert Choir will study and rehearse music to be performed at specific concerts and festivals. The course includes an evening concert each semester. Students enrolled in Concert Choir may participate in solo and small ensemble contest, state large group contest and may audition for All-State Chorus, Pride of Iowa Honor Choir and other festivals scheduled throughout the school year. Private voice lessons are offered at no charge to students and are scheduled with the director. All interested students are encouraged to see the choir director prior to enrolling.

## Music Performance (Fall Elective)

Grade Level: 9-12

Music theater class is designed for 9-12 grade students who are interested in performing music through a collaboration of many art forms. Class will study basic principles of acting, singing and dance. Students will build a musical theatre repertoire, survey knowledge of American Musical Theatre History, understand basic stage and rehearsal terms, learn about theatre etiquette and the audition process, explore basic lighting and sound techniques, design and use of sets or props and explore career connections beyond the high school experience. The course includes a music theater performance for the fall semester. All students are encouraged to see the directors prior to enrolling. "Every day is an audition."

## Music Theory (Semester Elective)

Grade Level: 10-12

Students will learn about the fundamental concepts that comprise old and new music. The course will emphasize classical and jazz theoretical concepts dating from the 1700s into the modern era. Emphasis will be placed on notation, including clefs, key signatures, intervals, chords and their progressions, and voice-leading in an SATB context.

# Physical Education

## Physical Education: (Semester) Required

Grade Level: 9-12

Each physical education class will begin in the Fitness Center with a 10 to 15 minute warm-up. Physical education classes will participate in a wide variety of activities including individual, dual, and team sports; emphasis will be on health, wellness, physical fitness, and offerings in lifetime sports and recreational activities. Students will be graded on attendance, uniform, participation, and positive behavior, which include attitude, effort and conduct.

Activities available in the program include: archery, badminton, basketball, bowling, and some rhythmic activities, flag football, golf and variations such as frisbee golf, handball, paddleball, physical conditioning, physical fitness tests, roller, slow pitch softball, soccer, track and field, volleyball, weight training and. Students will be required to pass an endurance run if they are required to take semester tests.

Students, who do not take physical education according to School Law of Iowa 257.25, will be required to take a substitute course. Juniors and seniors will be allowed to take physical education everyday upon teacher's discretion and be given credit.

## Fitness: (Semester)

Grade Level: 9-12

This Physical Education class will be geared towards an individual workout that works for each student individually. No competitive activities. Students should come into this class with an idea of what they want to work on. Activities could be: aerobics, weightlifting, running, walking, stationary bike, etc. Students will be graded on attendance, uniform, participation, and positive behavior.

## Weight Lifting: (Semester)

Grade Level: 9-12

Any student out for a sport is strongly encouraged by coaches/administration to take weight lifting every day.

Weight lifting class is designed for students to increase muscle tone, increase flexibility and gain speed. All students will be expected to follow the workouts that the instructor has for them on that day. This is a weightlifting class there will be no games played in this class. (i.e. Dodge Ball)

### PE with Peers (Semester)

Grade Level: 9-12

The Peer Partner PE program is an inclusive approach to physical education that pairs students with special needs with their general education peers (peer partner). The peer partner demonstrates PE activities and motivates the students with special needs to participate in PE class. The program is designed to be adaptive for the special education students to participate. The same sports are played as in regular PE, but with some modifications of activities and equipment.

## **Science**

### Natural & Physical Science: (Year) Required

Grade Level: 9

This course presents an introduction to basic Physics and a wide range of Earth Science topics. Specific topics include, but are not limited to, Energy, Forces and Interactions, Waves and Electromagnetic Radiation, Space Systems, History of Earth, Earth Systems and Weather and Climate in accordance with Iowa Core Curriculum and the Next Generation Science Standards.

### General Biology: (Year) Required

Grade Level: 10

Biology is the study of life. Topics that will be considered throughout the year include: cellular biology, genetics, classification, human biology and ecology.

### Chemistry: (Year) Elective

Grade Level: 11-12

Recommended: Algebra I

The student will study the following units: matter, measurement in chemistry, composition of matter and its changes, atomic structures, electron arrangement in the atoms, the Periodic Table, chemical bonds, composition of chemical compounds, balancing equations and solutions.

### Human Anatomy and Physiology: (Year) Elective

Grade Level: 11-12

Recommended: General Biology

Human Anatomy and Physiology will be an in-depth study of the systems in the human body. Each system will be considered in terms of structure and how they function.

### Physics: (Year) Elective

Grade Level: 11-12

Recommended: Algebra II

Physics is the study of Motion, Forces and Energy as objects and particles interact. Students will foster problem solving techniques and develop higher order thinking skills. This course heavily combines mathematics with scientific processes. Topics of study include, but are not limited to 1 and 2 dimensional motion, forces and Newton's Laws, Momentum and Energy, Rotational Motion, Work and Power, Light, Sound, Basic Rocketry and Basic Electricity.

### Introduction to Chemistry and the Environment: (Year) Elective

Grade Level: 11-12

This course provides an introduction to basic Chemistry concepts for those students that would like some additional preparation prior to taking Chemistry. In addition, it also provides an interdisciplinary focus on how science and humans relate to the environment. Chemistry concepts will center around the Structure and Properties of Matter and Chemical Reactions, in Accordance with the Iowa Core Curriculum and the Next Generation Science Standards. Environmental topics include, but are not limited to, chemistry in the environment, Human Sustainability and more.

## **Social Studies**

### American Government: (Semester) Required

Grade Level: 11

American Government is a general survey course required of all 11<sup>th</sup> grade students. While primary attention is directed toward the function and operation of the Federal Government, considerable emphasis is also placed the nature and responsibility of all governments, the Federal and State constitutions, and the following branches of government: executive, legislative, and judiciary.

### American History: (Year) Required

Grade Level: 10

This course will cover United States history from 1865 to the present. The purpose of this class will be to familiarize the students with their heritage and give insight into minorities and problem solving techniques used in history. The emphasis of the course is upon the political, constitutional, and economic development of the United States and advanced development in map skills and vocabulary skills. Topics include Reconstruction, overseas expansion, World War I, The Great Depression, World War II, the Cold War, Cultural Revolution, Terrorism, and the Future of America.

### U.S. Contemporary History 1950-Present: (Semester) Elective

Grade Level: 9-12

Recommended: American History

Contemporary History is a semester long course which focuses on the relationship between historical events in the United States and their impact on cultural development. The course will examine this relationship through entertainment, music, mass media ...

### Current Problems: (Semester) Elective

Grade Level: 9-12

The course is a study of problems on five levels: local, regional, state, national, and international. Problems might be drug abuse, prison reform, pollution, energy, wars and conflicts, and other problems that develop during the duration of the class. This course is designed for students to acquaint themselves with elementary understandings of important issues and problems. Emphasis is placed on newspaper and magazine articles, as well as films, books, and documentaries. Reports, projects, and discussion will encompass the work load.

### Economics: (Semester) Required

Grade Level: 11-12

Economics is a study of how society provides for its material well-being. The class will investigate basic economy theory and look at rudimentary economic models. The primary emphasis, however, is on the real world economic problems and unemployment, fiscal policy, monetary policy, and income distribution.

### Global Cultures: (Semester) Elective

Grade Level: 9-12

Global Cultures is a social studies course designed to introduce students to basic concepts within the discipline of geography, as well as to broaden their knowledge of major regions and countries of the world. Students will be able to integrate the various physical aspects of the earth with the interrelationships of communities, nations, and people of the world. Maps, graphs and charts are used to provide supportive data to develop student skills in geographic, economic, political, and social relationships of people from all world cultures.

### Psychology: (Semester) Elective

Grade Level: 11-12

Psychology is the study of human behavior. The course is designed to increase student understanding in the following areas: sensation/perception, cognition, learning theories, intelligence and creativity, the operational functions of the brain, emotions and motivation, personality, states of consciousness, adolescent and adult life stages, and other topics that will provide basic introduction to psychology. Students will be aware of the major concepts and theories in psychology. Students will be aware of the major concepts and theories in psychology; have an opportunity to develop and understand basic information developed by the social sciences, including statistical data and other materials. The basic academic competencies emphasized include: critical reading, writing, speaking/listening, and reasoning. Those students desiring to further their education beyond high school should enroll in psychology.

### Legal System I: (Semester) Elective

Grade Level: 9-12

The purpose of the course is to assist today's students in understanding basic legal rights that affect most of our society. The course is designed to aid the student in gaining information and understanding of various laws they will meet in everyday life. The course also shows the vocational area of law such as a study of judges, lawyers, and enforcement officers. Some of the areas the students will gain an understanding of are: Criminal Law, Juvenile system, and Torts.

### Legal System II: (Semester) Elective

Grade Level: 9-12

Legal Systems II is an elective course centered around the Constitution of the United States. The primary focus of the class is the bill of rights and how they provide the necessary protection between citizens and their government. Legal Systems II examines multiple Supreme Court decisions and the impact those decisions have on individual liberties guaranteed by the Bill of Rights and the Constitution.

### World History: (Year) Required

Grade Level: 9

This course is the study of the world from its beginnings to modern times. The course provides a broad study of the major civilizations of people, emergence of modern Europe, Nationalism, World War I and World War II. Subject content focuses on the political, economic, social, and cultural achievements of the diverse civilizations.

### Sociology: (Semester) Elective

Grade Level: 10-12

Intro to Sociology provides insight into the theories and concepts involved in the systematic study of society. Students will learn about patterns in society and what large and small-scale steps affect their growth, as well as current issues that are reflective of these patterns. Subjects include: research, group dynamics, socialization, deviance, sexuality and culture.

# Madison County Career Academy

The Madison County Career Academy (MCCA) is a collaborative effort of local schools: Earlham CSD, I-35 CSD, Martensdale-St. Marys CSD, Van Meter CSD, ADM CSD, Nodaway Valley CSD and Winterset CSD.

Madison County Career Academy focuses on vocational training. Students earn both high school and college credit while learning technical skills.

## **Culinary Arts Program**

### Level 1 Program

Students who complete the seven-course culinary program earn **15 college credits** towards completing Level 1 in DMACC's Culinary Arts Program of the Iowa Culinary Institute.

This program is designed to give High School Students interest in a Culinary Arts career through the initial coursework in DMACC's Culinary Institute Program.

The Culinary Arts program prepares students to enter culinary positions with hotels, restaurants, clubs or institutions and some select jobs in dining room service, catering or management.

## **Construction Trades Program**

### Building Trades

Students who complete the full-year program will earn **15 college credits** (first year of DMACC's Program) and they will have a set of tools that they will keep.

This program is taught by an experienced residential building contractor. The Construction Trades program provides students with the skills and knowledge necessary to enter either residential or commercial construction fields. Students will construct a house for someone in the area during the school year.

The program includes blueprint reading, takeoff, framing, drywall, trim work, siding, roofing, plumbing, electrical and concrete.

## **Electrical Construction Trades Program**

Students who complete this program will earn **25 college credits** and will receive their electrical diploma. Each student that completes the program will have a set of tools that they will keep.

The Electrical Construction Trades program prepares students for entry-level positions in residential, commercial and industrial wiring. At the completion of the program, students should be able to install electrical wiring to National Electric Code in residential and commercial settings. In addition, students should be able to install motor controlled equipment in industrial operations using more complex systems such as Programmable Logic Controllers.

## **Health Occupations**

### Nurse Aide Training Program

Students who complete the three-course Nurse Aide program earn **3 college credits**, and the knowledge and skills to be successful on the Iowa Direct Care Worker registry.

This program is taught by a Registered Nurse. These courses are designed to provide the knowledge and skills needed to care for patients or residents in a variety of long-term care facilities and to be successful on the Iowa Direct Care Worker registry exams.

Successful completion of these exams is required by State Legislation to work in a long-term care facility. The Nurse Aide courses are offered for college credit and are prerequisites to the nursing program. After successful completion of the Nurse Aide 75 hour course, the student would then be eligible to take the Advanced Nurse Aide 75 hour.

## **Technology Academy**

The Technology Academy provides students with the opportunity to receive certification in Cisco and Linux computer networking.

Students who successfully pass the course assessments will earn up to **27 college credits** in computer networking, A+ Certification, CCNA Certification, and NetPlus Certifications. The Technology Academy program provides students with an overview of various computer hardware and software configurations and computer networks through an in-depth, hands-on course.

## **Early Childhood Academy**

The Early Childhood Academy program credits are applicable to the diploma in Early Childhood Education, as well as the AS degree in Early Childhood Education. Students will earn **14 college credits** by successfully completing four college courses and 480 practicum hours.

The Early Childhood certificate prepares the student for an entry-level position in a child care program. This program meets the requirements for clock hours of formal child care education required for the Child Development Associate (CDA) credential. Upon completion of the certificate program, the successful student will be able to practice appropriate guidance techniques, recognize and carry out appropriate activities and assessment for young children.

## **Project Lead The Way – Engineering**

Students who successfully pass the end-of-course assessments will earn **up to 24 college engineering credits** from the University of Iowa or Iowa State University; or **24 technology credits** from Des Moines Area Community College.

The PLTW program provides students with an overview on engineering disciplines through in-depth, hands-on courses. Pathway to Engineering is a 4-year high school sequence. Tier 1 Foundation Courses include Intro to Engineering Design, Principles of Engineering, and Digital Electronics. Tier 2 Specialization Courses include Aerospace Engineering, Civil Engineering & Architecture, Biotechnical Engineering, and Engineering Design & Development.

## POLICIES AND GUIDELINES

### ADVANCED PLACEMENT PROGRAM

Advanced Placement is for students seeking a challenging academic experience. Advanced Placement (AP) offers motivated students an exciting opportunity to pursue college-level studies in high school. Those who choose to participate may be eligible to receive advanced placement standing, credit, or both when they enter college. An AP course usually takes a full school year in which to prepare for the exam(s) given every May. Student pays examination fee of approximately \$89 per test. This is coordinated through the Guidance Office. **The benefits of AP: increases depth of knowledge and skill, enhances the academic experience, and may ease the financial burden of college.**

Following is a list of AP classes:

AP English Literature

AP Calculus

### CORE COURSES

Courses in Language Arts, Mathematics, Science, Social Studies and all required courses.

### CREDIT/CORRESPONDENCE FROM SCHOOLING OTHER THAN INTERSTATE 35 HIGH SCHOOL

Credit through correspondence must be approved by the building principal prior to the student enrolling in the course. The student and parents should make a written application to the principal. Applications are available in the Guidance Office. Other alternatives to receiving credit to apply toward graduation should be discussed with the school counselor.

### CREDIT/UNITS

Course are one (1) credit per semester with the exception of physical education and peer helper, which are .50 (1/2) credit per semester. Two credits equal one unit.

Defined in the Iowa Administrative Code as "...credit earned by a pupil who successfully completes a course or related components or partial units that is either pursued for thirty-six weeks for the required number of minutes per week or as an equated requirement as a part of an innovative program filed as prescribed in 3.1(6). A fractional unit of credit shall be awarded in a manner consistent with this standard. In order for a course to yield one unit of credit, it must either be pursued for thirty-six weeks for at least two hundred minutes per week or for the equivalent of one hundred twenty hours of instruction. The board may award credit on a performance basis through the administration of an examination, provided that said examination covers the content ordinarily included in a regular course in the subject involved."

### DRIVER EDUCATION

Driver education classes held here at the high school are contracted through Teen Driver, Inc. from Indianola. Usually three sessions are offered: November, March and a summer session. The registration forms are available in the high school office or at [www.TeenDriverInc.com](http://www.TeenDriverInc.com). There are special rates available for students who are eligible for free and reduced meals. If you are eligible for free and reduced meals, call Deann Strange at the high school 641-765-4818 or come to the high school office to receive information on how to register. If you want to receive high school credit for Driver's Education, you must submit a copy of your certificate of completion.

### EARLY GRADUATION

Early graduation must be approved through the Board of Directors. Application for early graduation and approval must be done one semester prior to the time the student desires to graduate. Students must complete all requirements for graduation, including physical education. The requirement of Economics will need to be taken in the junior year or earlier.

### ELECTIVES

Electives are courses that are not required which will help meet the graduation credit requirement, and electives are of your choice. Elective subjects should never be chosen at random or without purpose. They should represent a focus in areas of interest, which will give you the best foundation to meet your future career and educational goals.

### ENRICHMENT PROGRAMS & SERVICES

These are services provided to students identified as talented and gifted.

## FAILED COURSES

Failed courses will result in no credit received. If it is a required class, the student will need to repeat the class until they have successfully completed it. A student must have the following number of credits to be classified for each grade:

Sophomore:	Must have 13 credits
Junior:	Must have 26 credits
Senior:	Must have 39 credits

## FOREIGN EXCHANGE STUDENT PARTICIPATION IN CEREMONY

An exchange student who is visiting the country through a recognized student exchange program and who is classified as a senior (has completed equivalent of three years high school education) will be eligible for an Interstate 35 Community High School Certificate of Attendance and be able to participate in the graduation ceremony.

## HONOR ROLL

Students are recognized for above average achievement each nine weeks and at the end of each semester. To qualify for the Honor Roll, a student must have a mark point average of 3.0 (B) or above. This average must include the required course load of 6.5 credits toward the overall mark point average as indicated on each report card. Students with an incomplete in any class will not be considered for the Honor Roll.

## HUMAN GROWTH & DEVELOPMENT

Parents and guardians have access to the materials for inspecting prior to use.

## INCOMPLETE GRADES

It is the policy of this school that work not completed will result in an incomplete grade for the semester. If the incomplete grade is not completed according to the attendance policy, the grade for that course will automatically become a failing grade regardless of any average the student may have.

## NCAA ACADEMIC ELIGIBILITY

Division I & Division II eligibility requirements can be found at: <http://www.ncaaclearinghouse.net>. You may also call 1-800-638-3731 for eligibility information. It is the student's responsibility to make sure that they take all the required courses to meet the NCAA requirements. Please talk with the counselor regarding any questions. To register with the Clearinghouse, you can fill out the online form at the Initial-Eligibility Clearinghouse Web Site.

## POST SECONDARY ENROLLMENT OPTIONS ACT

This act provides opportunity for eligible eleventh and twelfth grade students to enroll in academic courses for credit in post-secondary educational institutions. The act provides an opportunity for students to enroll in academic courses in the 15 public area colleges, the three state universities and over 40 independent institutions of post-secondary education. Many students will reside within commuting distance of these institutions. However, students unable to commute to a post-secondary education institution have opportunities available through correspondence courses from Iowa institutions. It is the responsibility of the student to verify that classes taken through the options act will count toward college credit through the college intended to enroll after graduation.

Students must have a 3.0 cumulative grade point average and have taken all of the required courses in that subject area before enrolling in a PSEO course. The student must be proficient in reading, math and science as evidenced by the last administration of the Iowa Assessments. The taking of PSEO courses requires the approval of the guidance counselor and the principal. Classes may not be taken under this act if it is offered at the local high school. Please see the counselor for more information.

## REPEATING A CLASS

Students may take a course a second time with the prior permission of the principal and guidance counselor. Both grades will be entered on the school record/transcript and computed in the grade point average. Only one credit will count as required credit, and both credits will count toward graduation. The purpose of this option is to:

- 1) Help a student master the concepts and be ready to continue taking classes that will challenge them.
- 2) Avoid students retaking a class to only improve grade point averages.

## REQUIRED COURSES

Required courses may not be dropped during the year without loss of credit. Elective courses may be dropped only during the first week of the course. Courses dropped after that time will result in no credit received. A student grade entered on the student's permanent record will be an "F."

## SCHOOLWIDE STUDY SKILLS

All students should be supplied at the beginning of the school year with the following supplies. Individual teachers may require additional materials for their specific classrooms.

## SECTION 504 POLICY STATEMENT (Rehabilitation Act of 1973)

Section 504 of the Rehabilitation Act of 1973 prohibits discrimination against persons with a disability in any program receiving federal financial assistance. In order to fulfill obligations under Section 504, the Interstate 35 School District has the responsibility to avoid discrimination in policies and practices regarding its personnel and students. No discrimination against any person with a disability should knowingly be permitted in any of the programs and practices of the school system.

Interstate 35 School District has the responsibilities under Section 504, which include the obligations to identify, evaluate and if the student is determined to be eligible under Section 504, to afford access to appropriate educational services. If the parent or guardian disagrees with the determination made by the professional staff or the school district, he/she has a right to a hearing with an impartial hearing officer.

The Family Educational Rights and Privacy Act (FERPA) also specifies rights related to educational records. This Act gives the parent or guardian the right to: 1) inspect and review his/her child's educational records; 2) make copies of these records; 3) receive a list of the individuals having access to those records; 4) ask for an explanation of any item in the records; 5) ask for an amendment to any report on the grounds that it is inaccurate, misleading, or violates the child's rights; and 6) a hearing on the issue if the school refuses to make the amendment.

## EARLY RELEASE

1. Early release is for juniors and seniors only and is available seventh or eighth hour. Seniors can have early release in the morning/afternoon.
2. Students on early release must leave the building within five minutes of the bell and cannot return to the school until 3:21 p.m. (This includes all extra-curricular activity participants). These students are required to have a 2.5 GPA and not have chronic discipline problems, in order to remain eligible for this privilege. If the check-out procedures are not followed, this privilege will be pulled for a semester or more.
3. Parent approval is required in writing in the form of a parent permission slip. The parent permission slip will explain the requirements and policies of early release.
4. Students will need to complete the form and turn it into the Guidance Office.

## TRANSFERRING/WITHDRAWING FROM SCHOOL

Any student transferring to another school or withdrawing (dropping) should have a conference with the counselor before leaving. Also, the student needs to complete appropriate forms to transfer or withdraw. Forms are available in the principal or counselor's office. A new student to our district will need to have their school record on file with this school district before their graduation. Credits will be adjusted to the Interstate 35 School policy.

## Junior or Sixth Semester Transfers

1. Transfer students will be required to complete all required I-35 courses.
2. The transfer student must take normal senior schedule of six and one-half (6.5) courses including physical education each semester if P.E. requirement has not been met.
3. Students who transfer to I-35 after six (6) semesters must have thirty-nine (39) credits and senior social studies requirements to be eligible for early graduation (seven-semester graduation).
4. Grade point will be counted on the I-35 High School system of awarding points toward a class rank & mark point average.
5. Requirements will need to have met the requirements from the time of enrollment.

Students who plan on completing their course work after their seventh semester must meet all graduation requirements, and have completed and filed with their counselor an early graduation application by the October school board meeting during the year graduation is requested.

Transfer student grade weighting: Students who transfer into I-35 High School are given the opportunity to be treated equally with the student who has been in attendance throughout their high school career. Students who transfer into I-35

High School with weighted credit courses not weighted by I-35 High School will not receive the weighted credit in compiling the GPA (grade point average) or rank. These students will have a notation made on their school record and transcripts indicating that the former school gave weighting in those courses.

### WORK RELEASE

Students wishing to work during the school day must fill out a work permit form to be approved by the principal. It must be filled out completely. A student wishing to qualify must also be a junior and have as a minimum, a 1.5 grade point average for the current grading period. The principal will approve length of work permits.

### POLICY ON PART-TIME WORK FOR STUDENTS:

Juniors and seniors may have work release based on the following guidelines:

1. Juniors and Seniors must be able to make out their schedule so that the part-time work is arranged for the last part of the day.
2. Early release for work is a privilege.
3. As a student, your first responsibility is to the school. The work release should not interfere with your school activities. School activities cannot be scheduled around a student's work release.
4. The student's school conduct toward peers and teachers must reflect maturity and demonstrate good citizenship.
5. If a student on work release is involved in any discipline action, the work release will be reviewed and the student may lose the work release privilege.
6. Students on work release will be expected to maintain a satisfactory academic performance. The level of academic performance required is a 1.5 (C-) and not failing more than one class.
7. Students are to check in and out of the main office personally, using the correct time as indicated on the office clock. Students are to write clearly. This information is kept by the office.
8. Students must leave as soon as released. They should not loiter in the hall or parking lot. Students are to check out of the office and immediately leave school grounds.
9. Work release students are not to be on school property after they have signed out until 3:20. Students must have a pass from the office to remain in the building with the direct supervision of a faculty member.
10. Students are required to go directly from school to place of employment. They should not be stopping in town or driving around town. If you need to stop for business reasons, the principal's office should be notified prior to leaving school.
11. Students must be scheduled to work a minimum of at least ten hours Monday-Friday. Students not obeying these regulations are subject to losing the work release privilege.
12. If a student changes work hours or place of employment, the Guidance office should be notified.
13. Work release is a special privilege granted to students. Don't abuse this privilege or you may lose it!
14. Detentions may be issued as a consequence to the above rules not being adhered to properly.
15. A student will be required to complete the work release form listing the hours they're working. (The minimum being 10 hours Monday-Friday). Once per semester the students will be required to complete a four to six page report describing their work release experience. If these requirements are not met, the student will not receive credit.