Iowa-Grant High School

2022 - 2023

Career Planning & Curriculum Course Guide

Courses Offered at Iowa-Grant 2022-2023

MATHEMATICS
Math Concepts
Algebra I (First ½)
Algebra I (Second ½)
Algebra I
Geometry
Algebra II
Probability & Statistics
Trigonometry & Analytical Geometry
Trigonometry/Pre-Calculus
AP Calculus
Applied Math

SCIENCE
Anatomy & Physiology
AP Biology
Physical Science
Biology
Zoology
Ecology
Chemistry
Physics

SOCIAL STUDIES
World Geography
US History
US History: Government
Psychology
Intro. To Sociology
Economics
World Civilizations I
World Civilizations II
Wisconsin
AP US History
Academic Decathlon

LANGUAGE ARTS
Freshmen English
Sophomore English
Junior English
Senior English
Communications for Life and Work
AP English Literature & Composition
Applied Journalism ***Elective Credit Only***

TECHNOLOGY EDUCATION
Car Care and Home Maintenance
Construction
Manufacturing Lab
Independent Research in Tech Ed
Woodworking I
Woodworking II
Multi-Media Photo and Video Editing
Web Page Design & Management
Pre-Engineering/Intro to Engineering Design
Principles of Engineering
3D Animation and Video Game Design

AGRICULTURE EDUCATION
Ag Exploration
Ag Leadership and Careers
Agribusiness Management
Animal Science
Companion Animal Care
Food Science
Greenhouse Management and Landscape Design
Plant Science
Introduction to Ag Mechanics
Intro to Soils
Veterinary Science
Welding
Wildlife and Natural Resource management

ART
Art Survey I & II
Drawing & Painting I & II
Digital Photography
Ceramics I & II
Hands on Art History
Computer Graphics
Art Jewelry & Sculpture
Studio Art I & II

BUSINESS EDUCATION
Accounting I
Accounting II
Advanced Accounting I
Advanced Accounting II
Principles of Business, Marketing & Finance
Personal Finance

WORLD LANGUAGE
Spanish I
Spanish II

Spanish III
Spanish IV

HEALTH
Health

Music
Concert Band
Jazz Band
Guitar I
Guitar II
Concert Choir

PHYSICAL EDUCATION
Physical Education
Strength & Conditioning

ACADEMIC & CAREER PLANNING
Xello College & Career Planning Software

TUTORING
Elementary & Middle School Tutoring

EARLY COLLEGE CREDIT & START COLLEGE NOW
Start College Now (WI Technical College System) & Early College Credit Programs (UW System)
*Deadlines for application: March 1st (Fall Semester) & October 1st (Spring Semester)
*Board Policy 343.2 & 343.4

COLLEDGE UP
Educational partnership between CESA 3 and Southwest Technical College

SCHOOL TO WORK – YOUTH APPRENTICESHIP & EMPLOYABILITY SKILLS
Opportunity for students to work in a field related to their career interests.

AGRICULTURE EDUCATION

Ag Exploration (1 Credit)
Freshman and Sophomore Level Course ONLY
This course is an introductory course designed to expose students to different facets of FFA and the agriculture industry. Students will gain basic knowledge in animal science, plant science, food science, natural resources, leadership skills, public speaking, FFA opportunities, agricultural mechanics, and welding. Instruction and student learning will occur through lectures, student projects, group discussions, hands on experiences, FFA experiences, CDE participation, and their SAE program. This is designed as a year long course, but students have the flexibility to take it as a semester course if needed to fit in their schedule.

Ag Leadership and Careers (1/2 Credit)
This class is geared for **junior and senior students** who want to work on their leadership skills and explore possible agricultural careers. Students will cover topics in the areas of learning and leadership styles, personality types, human behavior, goal setting, parliamentary procedure, public speaking, conducting successful meetings, problem solving, decision making, workplace ethics, conflict resolutions, and career exploration. Students will create a professional resume, cover letter, and list of references. They will also go through a formal interview process.

Agribusiness Management (1/2 Credit)
(Transcript Credit Agreement with the Wisconsin Technical College System)
Junior and Senior ONLY Level Course
Students will learn many of the skills associated with the management, marketing and business aspects of agriculture. The curriculum includes marketing, financing, cooperatives, and other business aspects associated with agriculture. Students will also learn about managing personal finances such as borrowing money, taxes, and savings.

Animal Science (1/2 Credit)
(Transcript Credit Agreement with the Wisconsin Technical College System)
Junior and Senior ONLY Level Course
Animal Science is designed for students who are interested in livestock animals such as cattle, sheep, goats, swine, and poultry. Course topics will include breed identification, providing a healthy environment for livestock, animal handling and care, animal genetics and reproduction, marketing of livestock, identifying proper body conditions, disease and disease prevention, and animal nutrition.

Companion Animal Care (1/2 Credit)
Students will explore companion animals such as horses, cats, dogs, and other companion animals. They will study pet industry trends, animal breeds, nutritional needs, proper care and treatment, disease and

disease prevention, food labels, vaccines, and parasites. Students will have the opportunity to work with animals and practice what they learned in class.

Food Science (1/2 Credit)

Food Science is designed to provide knowledge of food growth, processing, and nutrition. Students enrolled in this course will learn about the relationships among agriculture, science, food, nutrition, biology, microbiology, food preservation, processing, and packaging. Students will also explore the characteristics of safe food and the harmful effects of microorganisms. Student activities will include canning, freezing, dehydrating, cooking, baking, and smoking.

Greenhouse Management and Landscape Design (1/2 Credit) Spring Semester ONLY

Students will participate in this hands-on semester long course which covers the growth and management of greenhouse vegetable and ornamental plants and crops. Students will also take part in designing and management of home, school, and/or business landscapes. This course will put the students in the role of business manager and greenhouse worker. Students enrolled in the course will make decisions regarding pest management, annual floral arrangements, fertilizer applications, and business marketing. Students will be **required** to take part in selling plants and working with customers during the spring bedding plant sale in May.

Plant Science (1/2 Credit) Fall Semester ONLY

(Transcript Credit Agreement with the Wisconsin Technical College System)

Junior and Senior ONLY Level Course

Provides fundamental knowledge of plant components and their functions. Topics include pollinating and propagating plants, germinating seeds, plant nutrients, and factors affecting photosynthesis, respiration, and transpiration. Participants will experience plant components and their functions through the completion of hands-on activities.

Introduction to Ag Mechanics (1/2 Credit)

Introduction to Ag Mechanics is a semester long course geared towards junior and senior aged students. Course topics will include building skills in electricity, structures, and power systems. Students will also gain basic knowledge in the areas of simple electricity, engines, measurements, project construction and planning, and possible careers after high school. Students will work independently and in teams to solve the tasks at hand. Course fees will be charged for safety glasses, unless the student has their own pair.

Intro to Soils (1/2 Credit)

(Transcript Credit Agreement with the Wisconsin Technical College System)

Junior and Senior ONLY Level Course

This course is designed to provide fundamental knowledge of soils and growth media to students. Course topics include soil formation and development, soil components, soil profile, soil classification, and soil conservation. Participants will experience soil concepts through the completion of hands-on activities. Students interested in careers in agriculture, construction, reclamation, and engineering will benefit from the information covered in this course. Student activities will include soil management activities in the school gardens and local fields.

Veterinary Science (1/2 Credit)

Students taking this course must first complete either Animal Science or Companion Animal Care.
This course will cover many different skills associated with the livestock and small animal science in the veterinarian area. The course will cover topics in depth in the areas of animal handling, physical exams, wound repair, bandaging, suturing, emergency response, nutrition and digestion, reproductive health, and grooming/clipping.

Welding (1/2 Credit)
Welding is a semester long course geared towards junior and senior aged students. Course topics will include building skills in Shielded Metal Arc Welding (Stick Welding), Gas Metal Arc Welding (MIG or Wire Feed Welding), Tungsten Metal Arc Welding (TIG welding), and Oxy-Acetylene Welding. Students will also gain knowledge in areas of welding different alloy metals, project construction, and related careers. Students will be required to construct a project using metal. Course fees will be charged for safety glasses, unless the student has their own pair.

Wildlife and Natural Resource Management (1/2 Credit)
Wildlife and Natural Resource Management will cover topics including stream, lake, land, wildlife and watershed management. Students will study the living organisms and the effects agriculture and human use have on the environment. Students in this class will construct a custom fishing rod and will also complete a unit on taxidermy. Course fees will be charged for taxidermy and rod project materials.

ART

Art Survey I & II
(1/2 credit) . This is an excellent class for students who like to work with many different art mediums such as painting, drawing, sculpture, ceramics, etc.
This is a multiple medium art class focusing on the Elements of Art and Design, contemporary artists, art movements, and experimentation with a wide variety of art materials. A student may take this class for a second time with the permission of the instructor and explore the same mediums and styles in greater depth and independence.

Drawing and Painting I & II
(1/2 credit) Focused on developing drawing and painting skills, Drawing and Painting is a specialized class for the student who likes to draw. Drawing and Painting not only focuses in on learning different techniques, from the realistic to the abstract, but also on learning how to use other drawing and painting mediums such as pen and ink, drawing pencils, mechanical pencils, pastels, charcoal, oil pastels, watercolor and acrylic paints. A student may take this class for a second time with the permission of the instructor and explore the same mediums and styles in greater depth and independence.
Prerequisite: Art Survey encouraged but not required.

Digital Photography
(1/2 credit) In this class, students will learn the basics of digital photography using SLR digital cameras (point & shoot or smartphone cameras are inadequate for the course). Students will then process the photographs using PhotoShop. Finished photographs will then be used in other design and publishing programs such as InDesign. Emphasis will be the use of manual camera settings of aperture, shutter speed, and focus. Class size is limited to 10 due to limited school owned cameras. Students owning or having access to high-quality SLR cameras (ie Canons/Nikon etc. with exchangeable lenses) will be given the first opportunities. Students will be required to purchase a camera card and a dedicated thumb drive.
Prerequisite: At least one art course successfully completed.

Ceramics I & II
(1/2 credit) With an emphasis on ceramics, you'll gain a clearer understanding of the functional and sculptural. We will work with hand-building techniques such as coiling, slab building, and wheel thrown work.
A student may take this class for a second time with the permission of the instructor and explore the same mediums and styles in greater depth and independence.
Class size is limited.
Prerequisite: Art Survey encouraged but not required.

Hands on Art History
(1/2 credit) Art is one of the things that make us human. The class will explore the history of human expression starting with the contemporary art and working backward to prehistory. Students will create artworks influenced by the great work of the past to understand the time and place that generated the masterworks. A wide range of art mediums and techniques (painting, drawing, sculpting etc.) will be explored.

Computer Graphics
(1/2 credit) In this class, students will learn the basics of graphic design using the computer programs Adobe Illustrator, Adobe Photoshop, Adobe InDesign and Macromedia Flash. In Flash you will learn how to design your own animations. Class size is limited.
Prerequisite: At least one art course successfully completed.

Art Jewelry & Sculpture
(1/2 credit) Some of the earliest art forms are personal adornment and small object. Students will work with lost wax casting (rings), sheet metal (pendants), and beading, hemp jewelry and chain mail (necklaces and bracelets) and the small-scale sculpture including sewn objects. Heavy emphasis on creative use of recycled materials in new and unique ways.
Art Survey encouraged but not required.

Studio Art I & II
(1/2 credit) This class is a chance to problem solve with art as the medium. Students will be presented with a challenging subject, problem, or medium to explore. Students will be encouraged to reach beyond comfort zones to explore and express new imagery in new mediums.
A student may take this class for a second time with the permission of the instructor and explore the mediums and styles in greater depth
Prerequisite: Minimum of 2 art class in which the student receives 88% or better

BUSINESS EDUCATION

Accounting I (Transcripted Credit Agreement with the Southwest Wisconsin Technical College)
(1 credit) This course provides an understanding of the basic principles of the double-entry accounting system. Activities include recording and posting transactions, preparing work sheets and financial statements, preparing payroll and tax data, managing a checking account and reconciling a bank statement, and developing the essential business traits of accuracy, neatness, orderliness, thoroughness, and responsibility. Students will also become acquainted with career opportunities in business. This course is open to sophomores, juniors, and seniors. Students who plan to major or minor in any business-related degree program should definitely be taking this course in high school**! Four college credits available!**

Accounting II
(1/2 credit) Accounting II is a continuation of Accounting I – it will result in a completion of the Multi-Column Journal textbook. We will explore the world of corporate accounting. In addition, QuickBooks accounting software may be used to do the accounting for a business. This class will take you one step closer to a job as a bookkeeper or prepare you for college accounting.
Prerequisite: Accounting I

Advanced Accounting I
(½ Credit) Students will continue their studies in Accounting by learning about Departmentalized Accounting, Accounting Adjustments and Valuations, and Corporation Accounting. Emphasis will also be placed on Forensic Accounting where students will be introduced to the concepts of errors and fraud in a business.
Prerequisite: Accounting II

Advanced Accounting II
(½ Credit) Advanced Accounting II is a continuation of Advanced Accounting I - it will result in a completion of the Century 21 Accounting: Advanced textbook. Students' focus will be on Management Accounting and Internal Control and Other Organizational Structures (Partnerships and Not-for-Profit Organizations). At the end of the semester, students will go head-to-head in competition. Each student will run a computer repair business that they get to name. Students' business choices will affect whether customers choose to go to their business or to a competitor.
Prerequisite: Advanced Accounting I

Principles of Business, Marketing & Finance
(1/2 credit) This course will present business concepts that are vitally important in today's workplace. The basics of business, marketing, and finance are introduced in an easy-to-understand manner that helps students connect the concepts of business to their everyday life. Digital citizenship will be explained in detail to prepare students for professional responsibilities in school and in a career. Math features will provide an opportunity for students to learn and apply math concepts in a context that applies to real-world scenarios. This course is open to all students.

Personal Finance (Transcripted Credit Agreement with Southwest Wisconsin Technical College)
(1/2 credit) Students will be provided with an understanding of the concepts and principles involved in managing one's personal finances. Topics will include savings and budgeting, credit and debt, financial planning and insurance, income and taxes. Students will also learn key personal financial skills and demonstrate competence in an online simulated world. Class members will participate in the Southwest Wisconsin Interactive Financial Literacy Event in the Spring. This class is the beginning of a student's journey to becoming an informed and responsible consumer. Open to juniors and seniors. ***Required course for juniors or seniors. One college credit available!**

WORLD LANGUAGE

Spanish I
(1 credit) Spanish is offered to all high school students. This course is designed to teach students to understand, speak, read and write **Basic** Spanish. Spanish culture and customs are studied and students participate in prepared and original conversations. The basic points of grammar are learned. Any student may sign up. The student **must pass** the first semester in order to continue in second semester.
Earning a 75% average or higher in SPANISH I is a prerequisite for Spanish II.

Spanish II
(1 credit) This course is offered to all high school students who have completed Spanish I. Designed as a continuation of Spanish I, this course will further the students' understanding of the language, its people, their culture and customs. Students participate in speaking, reading, and writing exercises, prepared and original. Further points of grammar are learned. The student **must pass** the first semester in order to continue in second semester.
Earning 80% average or higher in SPANISH II / teacher permission is required for Spanish III.

Spanish III
(1 credit) Spanish III is for students who have successfully (B or better) completed both Spanish I and II. More advanced points of grammar are learned as the student works with the text and famous Hispanic literature; poems, essays, short stories, etc. Culture is an important component combining knowledge of Spanish-speaking people and their customs. Commitment to maintain the immersion experience and communicate only in Spanish is required. The student **must pass** the first semester in order to continue in second semester.
Earning 80% average or higher in SPANISH III / teacher permission is required for Spanish IV.

Spanish IV
(1 credit) Spanish IV is a continuation of Spanish III, with a comprehensive review of grammar. Students will read Hispanic literature and explore a variety of Hispanic cultures. Students will also advance their knowledge of Spanish vocabulary and investigate career opportunities in the specified area of their choice. These include: Healthcare, Business and Technology, Hospitality and Tourism, Arts and Entertainment, and Agricultural fields of study. Students will prepare, create and present a variety of projects individually and collaboratively to demonstrate their language proficiency. Commitment to maintain the immersion experience and communicate only in Spanish is required.

HEALTH

Health

(1/2 credit) Health includes current health concepts and needs, with a concentration in first-aid and safety, personal health, and human growth and development. This is a required class for Freshmen.

LANGUAGE ARTS

Freshmen English

(1 credit) All freshmen are *required* to take this one-credit course. It is a survey course that includes units on the use of the Instructional Materials Center including Destiny software, writing research papers, grammar/usage, speech, independent reading, book conferences, and writing workshops. Students will read various genres of literature including fiction, nonfiction, poetry, and dramas. Students are required to keep a portfolio throughout the year. Students must receive full credit in freshmen English before they can proceed to sophomore English.

Sophomore English

(1 credit) This *required* course covers various types of writing including the short story, poetry, personal narrative, and expository and persuasive essays. Students receive grammar instruction and cover literary genres such as science fiction, fiction, nonfiction, poetry, drama and legends. Additionally, students receive instruction on the basics of informative and persuasive speaking. Emphasis is placed on both the writing process including editing and revision and the use of speech techniques to present their revised writing to the teacher and their class. It also includes a study of listening skills, effective language in speech, and the process of writing a research paper. Students must receive credit in Sophomore English before they can proceed to Junior English.

Junior English

(1 credit) This course is designed for juniors. Writings from American authors are read, discussed, and evaluated using essay and objective examinations. Students read all genres from poetry and novels to drama and short stories. There are occasional projects that include research and oral presentations. Student involvement in interpretation and analysis is necessary. Students are required to keep a long-year portfolio. Students must receive a full credit of junior English before they can proceed to a senior English course.

Senior English

(1 credit) This course is required for college-bound seniors not enrolled in AP English: Literature and Composition or Communication for Life and Work. We read from a variety of genres, many historically British in origin, as we study the evolution of the English language and literature. Our first unit is the reading of a classic play that includes a field trip to American Players Theater. Writing will include perfecting the theme paper, preparing speeches, and making other class presentations. Vocabulary enhancement and writing style improvement are stressed.

Communication for Life and Work
(1 credit) This one-credit English course is designed for seniors planning on attending a secondary technical school or entering the military or workforce directly. Its focus is on the honing of communication skills for those arenas. Interpersonal communication, workplace-related communication, research methods, and speech-giving will be emphasized. Students will also be required to job shadow, interview, update their resumes, and complete lessons in Xello for career and academic planning. Traditional vocabulary study, sentence work, and the close reading of select novels and nonfiction texts will also be required. In addition to emphasizing career and personal planning, the course will also emphasize consumer and civic responsibilities.

AP English Literature and Composition
(1 credit) This senior course is required if you are not in Senior English and is designed to help students become skilled readers and critics of imaginative literature. AP English students practice close readings of poetry and prose. They also practice short essay writing in preparation for the AP exam in May. AP English is a reading and writing intensive course with two formal literary papers required as semester projects. A student taking this course is encouraged to take the May exam and **may earn university credit** based on his/her score. It is required that a student have an "A" in junior English and/or teacher consent to be eligible for this course.
Cost: AP Exam cost of $80 will be paid for by the school district

Applied Journalism
(This course is elective and will not count toward 4 required English Credits)
(1/2 credit) This course is designed to help students become producers of competent, useful desktop pages for the school yearbook and other applications. Students serve as reporters and learn techniques such as copywriting, deadline management, page layout, digital photography, and proofreading. Students use Josten's Yearbook Pro to create and edit pages for publication. Applied journalism is a time-intensive course. Applied journalism students learn marketing skills to sell yearbooks and business advertisements during the semester to help finance the yearbook. **This course is open to students who have completed freshmen English, received an A or B in all English courses, or been granted teacher approval.**

MATHEMATICS

Math Concepts
(1 credit) This course is the most basic math class offered to any student. This class is specifically designed for those students who struggle with math and need a little review of the basics before taking an Algebra class. This class is open to any student.

Algebra I (First ½)
(1 credit) This course deals with an introduction to algebra, rational numbers, equations, inequalities, polynomials, factoring, and rational expressions. This class is the first year of the slowed down version of Algebra I (Full Course). Students learn a new lesson every other day. This class covers the first half of the Algebra I book. Algebra I (First ½) is designed to prepare a student for Algebra I (Second ½). This class is open to any student.

Algebra I (Second ½)
(1 credit) This course deals with functions and graphs, graphing linear equations, systems of open sentences, radical expressions, quadratics, statistics and probability, and trigonometry. This class is the second year of the slowed down version of Algebra I (Full Course). Students continue to learn a new lesson every other day. This class covers the second half of the Algebra I book. Successful completion of Algebra I (First ½) and Algebra I (Second ½) is equivalent to a full year of Algebra I (Full Course).
Prerequisite: Successful completion of Algebra I (First ½).

Algebra I (Full Course)
(1 credit) This course deals with an introduction to algebra, rational numbers, equations, inequalities, polynomials, factoring, rational expressions, functions and graphs, graphing linear equations, systems of open sentences, radical expressions, quadratics, statistics and probability, and trigonometry. Students learn a new lesson every day. This is equivalent to a traditional Algebra I course. The entire Algebra I book is covered in the year. This is the most advanced Algebra I course offered to any student. This class is open to any student.

Geometry
(1 credit) Topics covered in this course include geometric figures and facts, principles and the relationship between them. Construction skills are covered along with the use of the tools needed for construction. Postulates and theorems are introduced for use in proofs to develop a better understanding of deductive reasoning. Other topics include parallels, congruent triangles, quadrilaterals, similarity, right triangles and trigonometry, circles, polygons and area, and surface area and volume.
Prerequisite: Successful completion of Algebra I (Full Course) or Algebra I (First ½) and Algebra I (Second ½)

Algebra II
(1 credit) Algebra II is a continuation of Algebra I. Topics covered in this course include matrices, polynomials, radical expressions, quadratic functions, analyzing conic sections, and logarithmic functions. This course is a prerequisite for Physics. This course is required for most college bound students.
Prerequisites: Successful completion of Algebra I (Full Course) or Algebra I (First ½) and Algebra I (Second ½) and Geometry.

Probability & Statistics
(1/2 credit) This is a first semester course designed for college bound students. Topics covered in this course include probability, statistics, and an introduction to calculus.
Prerequisites: Successful completion of Algebra I (Full Course) or Algebra I (First ½) and Algebra I (Second ½), Geometry and Algebra II.

Trigonometry & Analytical Geometry
(1 credit) Trigonometry & Analytical Geometry is a continuation of Algebra II. Topics covered in this course include linear relations and functions, system of equations and inequalities, the nature of graphs, polynomial and rational functions, trigonometric functions, inverse trigonometric functions, trigonometric identities and equations, vectors and parametric equations, polar coordinates and complex numbers, conic, exponential, and logarithmic functions. This course is recommended for college bound students.
Prerequisites: Successful completion of Algebra I (Full Course) or Algebra I (First ½) and Algebra I (Second ½), Geometry, and Algebra II.

Trigonometry/Pre-Calculus
(1 credit) This course is a combination of the Trigonometry & Analytical Geometry and the Pre-Calculus classes. This course covers topics from each class and is taught at a much faster pace than the two individual ones. This course is geared towards those students who want to take AP Calculus their senior

year. **Prerequisites:** Successful completion of Algebra I (Full Course) or Algebra I (First ½) and Algebra I (Second ½), Geometry, and Algebra II.

AP Calculus

(1 credit) This is a yearlong course designed for college bound students. It is especially important for students continuing their education in college in the fields of mathematics, engineering, accounting, and related scientific fields. Topics covered in this course include a detailed exploration of functions, graphs, limits, differentiation, application of derivative, exponential and logarithmic functions, and integration. A student taking this course is encouraged to take the AP Calculus exam at the end of the year and **may earn university credit** based on his/her score.
Prerequisites: Successful completion of Algebra I (Full Course) or Algebra I (First ½) and Algebra I (Second ½), Geometry, Algebra II, and Trigonometry/Pre-Calculus. *Cost: AP Exam cost of $80 will be paid for by the school district*

Applied Mathematics

(1 credit) This course is designed for juniors and seniors who are interested in going to a technical school. In this course students will do computation with rational numbers, make and convert various measurements, use formulas to solve problems, compute dimensions of geometric shapes, use statistical tools to represent and analyze data, analyze various financial situations and use basic right triangle trigonometry to solve problems. This class is open to any student who is a junior or senior.

MUSIC

Concert Band

(1 credit) Concert Band is an instrumental group open to all levels of students studying instruments; however, beginners or those who have not played consistently through middle school will be admitted only upon permission of the director. Concert band begins the year in Marching Band mode and will perform pep bands for home football games, one field show for homecoming & local parades. At the end of the first quarter, the Concert Band, a Class B to Class A ensemble, will perform for concerts, festivals, and clinics as well as graduation in the spring. The Concert Band rehearses every day & the students are required to attend biweekly lessons throughout the quarter. If a study hall does not work out, this may require students to miss 20 minutes of a different class. Students are also required to attend all scheduled pep bands during the course of the school year unless they are on the team we are playing for that night. The Solo & Ensemble Festival is another opportunity for students to perform in a small group, or as a soloist.

Jazz Band

(Not For Credit) Jazz Band is a group auditioned and/or selected by the instructor. Students selected to participate in this ensemble are required to be in concert band and will usually be the most experienced students at Iowa-Grant High School. This ensemble gives some students the opportunity to play a secondary instrument. This group begins rehearsing during first quarter and will continue throughout the year. The ensemble will perform for all band concerts and possibly Jazz/Swing Festival. This group meets once per week before school. Because of the high musicianship required to perform in this ensemble and lack of rehearsal time, once committed, students missing rehearsals regularly may be asked to leave. <u>This group does not receive credit.</u>

Guitar I
(1/2 credit) Guitar I is a class for beginning guitar students only. Students will learn basic concepts and techniques used when playing the guitar, learn to read traditional music, tablature and chords, and may be asked to perform for various events throughout the year. You may only take this class once. Guitar I is a one *semester* course.

Guitar II
(1/2 credit) Guitar II is a class that continues what was learned in Guitar I. You must have successfully completed the entire semester of Guitar I in order to continue into Guitar 2. You may only take this class once. Guitar II is a one semester course. ***Guitar II may not be offered every semester depending on scheduling and interest

Concert Choir
(1 credit) Concert Choir is a performing vocal group open to all students interested in singing a mixture of styles of music. Choir is open to students of all levels of experience; however, beginners or those who have not participated in choir consistently through middle school will be admitted only upon permission of the director. Students need to be able to perform at 4 concerts each school year, as well as festivals, clinics, and spring graduation ceremony. This group will rehearse every day and learn not only techniques, history and theory behind the music, but will also work to promote a positive team atmosphere. Good work ethic and a willing and positive attitude are requested. Students may be assigned homework or class work as part of their grade. Students may discover other opportunities throughout the school year for performance, including the Solo/Ensemble Festival held each Spring.

PHYSICAL EDUCATON

Physical Education
(1/2 credit) This is required co-educational course includes instruction and participation in general types of team sports (soccer, flag football, volleyball, basketball and softball). Individual and dual sports are archery, badminton, pickle ball, cross country skiing, bowling, golf, tennis, running and wellness, racquetball, and weightlifting. A major emphasis of the course is on participation and instruction to improve the efficiency of cardiovascular system and the wellness and fitness of the young individual. Each fall and spring the classes are tested on a battering of AAHPERD fitness skills that are compared to the national norms.

Strength and Conditioning
(1/2 credit) This course is designed to improve overall body strength and conditioning. This will be done through a process of weight training three days a week, combined with a variety of conditioning activities two days a week. These activities will focus on muscular strength and muscular endurance. Conditioning will also be incorporated with the other principles of physical fitness, students will be able to develop their own personal fitness plan.

SCIENCE

Anatomy & Physiology
(1 credit) This Junior/Senior course is designed to explore the form and function of the human body.
Prerequisites: Biology and Chemistry

AP Biology
(1 credit) This intense class is designed to be the equivalent of an introductory college biology course. AP biology is intended for those college-bound students who may be pursuing a major in a biological field after high school. Students who do well in the course have the option of taking the AP Biology exam in the spring, which provides an opportunity to earn college science credits.
Prerequisites: Junior or Senior status and at least a B average in both Biology & Chemistry (or instructor consent) *Cost: AP Exam cost of $80 will be paid for by the school district*

Physical Science
(1 credit) This course is a study of the properties and interactions of matter and energy. Topics covered include Newton's laws of motion, gravity, work and simple machines, electricity, sound, light, atoms and the periodic table, chemical compounds and chemical reactions.

Biology
(1 credit) This course includes the study of the following: the nature of science, ecology, cells, genetics, evolution, classification, and the human body. Freshman must have Principal, Science Instructor or School Counselor approval to take this course.
This course is a prerequisite for Chemistry, AP Biology, Anatomy & Physiology.

Zoology
(1/2 credit) This course will take a more in depth look at biological concepts in the areas of zoology. Activities include independent research projects and dissections of different animal specimens.
Prerequisites: Biology and Chemistry or Physical Science

Ecology
(1/2 credit) Activities include prairie restoration work, nature journaling, readings from *A Sand County Almanac*, environmental issues debates, and independent research projects.
Prerequisites: Biology and Chemistry or Physical Science

Chemistry
(1 credit) This course is a study of the composition of matter and the changes in composition which matter undergoes. Topics covered are matter, solutions, acids, bases, and salts. Also covered is the "Why" of chemical behavior, chemical reactions and organic chemistry. It is a course designed for college-bound students. **Prerequisites:** Biology and Geometry or current enrollment.
Chemistry is a prerequisite for AP Biology and Anatomy & Physiology.

Physics
(1 credit) Physics is open to all juniors and seniors but is intended to challenge college-bound students. Topics covered are astronomy, measurement, and nature of motion, forces, conversions of energy, properties of matter, work, heat, sound, light, magnetism, and electricity.
Prerequisites: Algebra II or current enrollment.

SOCIAL STUDIES

World Geography
(1 credit) This course is required for all freshmen is designed to help students understand the characteristics of the earth and the fundamental concepts/themes of geography. This class will study all aspects of geography including physical, place and economic geography as well as briefly exploring the history of different regions of the world. Special emphasis will be given to the following: maps and map skills, geography of population, climate, weather and vegetation patterns, and the industrial and democratic revolutions.

US History
(1 credit) This yearlong required class for sophomores is a basic course in United States history from the Civil War to the present time. All eras will be covered from 1877, but emphasis will be primarily on the twentieth century.

US History Survey: Government
(1 credit) This course is required for all juniors and consists of a yearlong study of government in America at all levels with a focus on our Federal Government, U.S. Constitution, and the Supreme Court. Units on Political parties and voting are also included. Current Events are intertwined throughout the year.

Psychology
(1/2 credit) This semester course is a survey course intended to touch on many aspects of the field of psychology including the following: Social Psychology, Abnormal Psychology, Developmental Psychology, and Theories of Personality. It is designed to provide students with an appreciation of psychology, including and understanding of fundamentals and technical vocabulary used in the field. It is hoped that the student will gain a better understanding of themselves so that they will be better equipped to live more complete lives. This course is open to juniors and seniors.

Intro to Sociology
(1/2 credit) This elective course will discuss the basic aspects of Sociology and help define what it is.

Topics to be covered will include culture, socialization, social status, stereotyping, crime and deviance, and many other related topics. This course is open to juniors and seniors.

Economics

(1/2 credit) Economics is a course for the student who wants to learn the basic workings of our economy: Unemployment, the theory of supply and demand, poverty, big business, free enterprise and money are ideas discussed in class. Emphasis is also placed on the importance of human relations in the job market. Recessions and inflation are other topics of current interest. This course is open to juniors and seniors.

World Civilizations I

(1/2 credit) A course covering the time period of Ancient history to 1500. This course will cover the Mesopotamian Empires, Egyptian History, Greece, Rome, Medieval Europe, and Comparative Religions. This course is open to juniors and seniors.

World Civilizations II

(1/2 credit) A course covering the time period of 1500 to Modern Times. This course will cover the Reformation, Age of Revolution (French and Russian), Napoleon & Bismarck, NAZI Germany & the Holocaust, and Comparative Religions. This course is open to juniors and seniors.

Wisconsin

(1/2 credit) Wisconsin is a general survey course concerning the State of Wisconsin. This course is meant to highlight these things that describe what the State of Wisconsin is about both past and present. The student should acquire an understanding of the state they live in. Emphasis is placed on the following areas pertaining to Wisconsin: history, geography, industry, forest resources, population, agriculture, government, recreation, Native Americans, minerals, transportation, weather and climate. Open to juniors and seniors.

AP US History

(1 credit) This course is designed as part of the AP Program and is intended for qualified students who wish to complete studies in secondary school equivalent to college introductory courses in U.S. History. The course is a full-year program that prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. This course will provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in US history. The course will rely heavily upon social studies and writing components. It is designed for very capable students who seek to waive unspecified college history credits by successfully completing the national AP in US History test upon course completion. The course is open to juniors and seniors who have received at least a 'B" in both semesters of U.S. History. **This course will be offered during the following academic years: 2020/21, 2022/23, 2024/25.**
Cost: AP Exam cost of $80 will be paid for by the school district

Academic Decathlon

(1/2 credit) First semester course, which prepares students for the rigorous Academic Decathlon, a competition held each year in early January. Students will be exposed to a diverse curriculum which includes topics in Mathematics, Economics, Literature, Science, Social Science, Art and Music. Students will also prepare speeches, essays, and practice interview skills for this competition.

TECHNOLOGY EDUCATON

Car Care and Home Maintenance

(1/2 credit) Car Care and Home Maintenance is a course designed for the student that feels the need to know more about the care and maintenance of today's automobile. The course will also include units on selecting a competent service facility to help in maintaining a car, and practical home maintenance procedures such as: basic plumbing and electrical procedures, and the use of basic power and hand tools. At the completion of this course, the student will be more aware of the value of a good maintenance program for his/her own car and know how to perform basic maintenance tasks around his/her home. **Prerequisite:** None

Construction

(1/2 credit) This is a block course that is open to grades10-12. It is an introduction to current trends in today's energy efficient homes, basic residential construction, and entry-level carpentry skills. It will cover construction terminology, architectural drafting, faming, electrical, roofing, and masonry. These skills will be practiced through hands-on activities throughout the quarter.
Prerequisite: None

Manufacturing Lab

(1/2 credit) Description: This course provides extensive lab time to experience equipment and technology associated with processing various materials. Students will work with 3D printers, laser engravers, routers, mills, lathes, plasma cutters. Students will also use an injection molder, vacuum former, and strip heater in the processing of plastic materials. Various woodworking and metalworking will be used in the processing of wood and metal materials. **Prerequisite:** Sophomores, Juniors and Seniors

Independent Research in Tech Ed

(1/2 credit) This course is open to only seniors. Independent study is a semester course for an individual who wishes to explore areas of interest in the technology education field. The student must have taken and passed the highest-level course in that field of technology to be eligible for an independent study. A field that is not cover extensively in the Technology Department can also be taken up with the approval of the instructor. The student will write objectives for his/her area of study as well as homework, projects. Grading will be based on the completion of these objectives and final project.
Prerequisite: Seniors Only!! The student must come and fill out a Tech Ed Independent Research form, before he or she can enroll in the course.

Woodworking I

(1/2 credit) This is a skinny for a semester; course is open to grades 9-12. It is designed for the inexperienced wood worker that would like to investigate the world of woodworking. This course deals with introductory level carpentry and furniture making skills as well as an everyday use of measurement, machine safety and procedures. Students will build a preplanned, red oak footstool and a small end table which will cost the student **$40.00.**
Prerequisite: None

Woodworking II

(1/2 credit) This is a block course which is open to grades 10-12. It deals with advanced level carpentry and furniture making skills and terminology. This course of study also includes blue print reading, measurement; machine safety procedures, woods throughout the quarter. Students will be building a preplanned, red oak, nightstand which will cost the student about **$55.00.**
Prerequisite: Woodworking I

Multi-Media Photo and Video Editing

(1/2 credit) Students will develop skills related to the production of visual, audio, and electronic media. Students will apply these skills in a variety of projects that enhance the skills developed in the course. Students will become familiar with the basic elements of Photoshop. Students will learn to make and use selections, make color corrections, transfer bits from one image to another, combine several photos seamlessly and repair photos which have been the victims of neglect and indifference over many years. Students will also learn the differences between taking snapshots and making high quality photographs. Students will learn how, when and why to use the various filters and other plug-ins for Photoshop. Student projects may include the fabrication of an image in the style of a well-known painter/photographer, creating an image for a T-shirt design, a bumper sticker, un-visibly, inserting someone into another photo, CD or DVD cover art or restoration of a damaged photo. **This course is open to all students.**

Web Page Design & Management

(1/2 credit) Web pages will begin with an introduction to the basics of HTML (hypertext markup language) used to "write" web pages. Students will use the latest in web editing software (Dreamweaver/front page) to learn how to create a simple web page with text enhancements, links, anchors, e-mail addresses, and images. Ultimately the course will provide the opportunity to explore advanced table features, using styles, forms and inserting media. Exposure to image editing (Photoshop or Fireworks), and animations (Photoshop & Flash) for web use will also be provided. **This course is open to all students.**

Units of Study:

Web Page Planning & HTML code:
Creating and maintaining a personal home page formatting basics and inserting graphics (animated) ordered and unordered lists create and format tables create internal and External links exposure to frames.
Web Page Design (Dreamweaver):
Site design and management enhance web pages with color schemes edit and add images Understand absolute/relative links use html code to problem-solve understand table Features in layout view explore templates and styles insert media into web pages develop forms
Animations (Photoshop and Flash):
Creating an animation working with colors editing images layers

Special Notes/Requirements: Students should possess a strong interest in learning web page Design and image editing.

Pre-Engineering/Intro to Engineering Design: Project Lead the Way

(1 credit) Want to create your own invention; here is the class for you. This is a semester block course, which is open to students in grades 9-12. This course covers designing, measurement, sketching & drawing, problem solving, solid modeling, and production of designs. Design activities include, creating a puzzle cube design, a chess/checker set, using the laser engraver and designing, 3D computer models, a

beverage container, marble maze, and your own invention or design. The majority of this half is project based. **Prerequisite:** None
*****A possible, 3 elective college credits at Milwaukee School of Engineering may be granted; upon completion of this course with an 85% or better and an 70% or better on the college level test.*****

Principles of Engineering
(1 credit) This is a semester block course, which is open to students in grades 9-12. This course covers designing, measurement, sketching & drawing, kitchen shelf, laser engraver designs, As well as exploring practical solutions to simple problems: such as the tower challenge, the boat float, paper chain competition, building a truss, and fluid powered arm, 3-D modeling, woodworking, simple machines, robotics, building a marble sorter or remote controlled vehicle, ping-pong launching devices, career opportunities in engineering. Many of the activities and/or designs will be demonstrated, then built and tested. **Prerequisite:** None
*****A possible, 3 elective college credits at Milwaukee School of Engineering may be granted; upon completion of this course with an 85% or better and an 70% or better on the college level test.****

3D Animation and Video Game Design (relies a lot on programming/coding)
(1/2 credit) Description: Welcome to 3D Animation! We can only imagine where the next generation of artists, designers, engineers and inventors will take 3D applications in the future, but we do know the boundaries are blurring between the arts and sciences creating new connections and that students will need the skills to integrate their ideas across various disciplines. Using Autodesk 3D applications gives students the opportunity to explore these connections and learn to see information in a new way. In this course you are going to be introduced to 3D careers concepts and applications. This course is designed to get you through a minimum of 10 assignments and a final project; however the sky is the limit for you in this course. You may be surprised at what it takes to complete what seems to be such a simple task. We will cover modeling, environments, movement. **Prerequisite:** None

Academic & Career Planning, Tutoring, ECC, SCNC, CollEDGE Up, School to Work & Employability Skills

Academic and Career Planning
(1/4 credit) During the school year, students in grades 9-12 will engage in an Academic and Career Planning (ACP) process, which consists of self-exploration, career exploration, and the development of career management and planning skills. All students will have access to a Xello Profile, which is accessible through the school website. This is a pass/fail class that students will work on independently during the school year with the grade being posted during 2nd Semester.

Elementary, Middle & High School Tutoring
(1/2 credit) This course is designed to provide high school juniors and seniors with the experience of working in an elementary, middle or high school setting. Students (tutors) will be assigned to a Iowa-Grant teacher and will assist with classroom activities or may tutor an individual student. To participate, high school students must be positive role models, have healthy attendance patterns, and be in good academic standing. This is a pass/fail class. The High School Administration reserves the right to deny the participation of any student. There will be a cap of 30 tutors per semester. Sign up will be on a first come first serve basis, with seniors having priority. **Juniors and Seniors only.**

Early College Credit (ECC) Program: A student in grades 9 through 12 attending a public school or a private school in the state of Wisconsin, will be permitted to enroll in a UW System institution, or a private, non-profit institution of higher education. If they are accepted for enrollment in such institution or college and there is space available in the registered course in order to take one or more nonsectarian courses, for which the student may earn high school credit, post-secondary credit, or both in accordance with state law (Wis Statute 118.55).

Start College Now Credit (SCNC) Program: District students enrolled in grades 11 and 12 may participate in the Start College Now Credit Program in accordance with state law and established procedures. The Start College Now Credit Program provides eligible students an opportunity to take one or more courses at a Wisconsin Technical College while in high school if they are accepted for enrollment in such institution or college and there is space available in the requested course. The Start College Now Credit Program replaces Youth Options beginning in the 2018-2019 school year pursuant to the program provided in Wis. Stat. 38.12(14).

Early College Credit (ECC) & Start College Now (SCNC):

From time to time, conflicts will develop with high school and college classes. The following is a guide to assist students and staff in resolving class conflicts that may develop:

I. IGHS required classes come first. All students need to take required courses in district and will need to attend IG courses 5 out of 5 days. If an ECC/SCNC course conflicts with a required IG course, the student will be encouraged to drop the ECC/SCNC course.

II. If the student has maintained a 3.5 GPA at IGHS and the ECC/SCNC course is considered a chained course, an exception can be made if:

- A student can attend the required IGHS course 4 out of 5 days and agrees to make up missed work/lessons on their own, they may then elect to remain in both courses. This exception is only available if the student has a conflict due to a chained ECC/SCNC course.
- While the District discourages this option, the student may also elect to take the required high school course online. This exception is only available if the student has a conflict due to a chained ECC/SCNC course.
- If there is a conflict with a high school elective course, the student must be able to attend that elective course 4 out of 5 days or drop either the elective course or the ECC/SCNC course.
- IG Administration has the discretion to overlook these two provisions. Example but not limited to: If the ECC/SCNC course is needed for college admission and there are no other alternative courses.
- The dropping of any ECC or SCNC course is the responsibility of the student/parent.
- Transportation and parking (permit included), is the responsibility of the student/parent.
- The dropping or failing of any ECC or SCNC course will result in the student/parent reimbursing the school district any course fee incurred.

III. The District shall pay for no more than the equivalent of 18 postsecondary semester credits

(4 ½ high school credits) per student. The District shall not, however, limit the number of postsecondary semester credits a student may take at his/her own expense.

CollEDGE Up:

Is an educational partnership between CESA 3 and Southwest Wisconsin Technical College. This partnership allows students to earn high school and college credits. Programs of study include: Laboratory Science Technician, Emergency Medical Technician (EMT)/ Firefighter, Gear Up, Computer Numerical Control (CNC) Machine Operator/Programmer, Nursing, Pistons to Pathways, Healthcare Careers

School to Work:

Iowa-Grant High School offers School to Work opportunities for junior and senior students, who meet the program requirements for participation, through the Youth Apprenticeship program and Employability Skills Certificate (ESC) program.

Youth Apprenticeship:

YA is a one- or two-year program for students interested in pursuing careers in the following areas:

- Auto Collision
- Auto Technician
- Agriculture – Animal Science
- Agriculture – Plant Science
- Financial Services
- Graphic Arts/Printing
- Health Services
- Lodging Management
- Logistics
- Tourism
- Welding

While participating in the Youth Apprenticeship program, students continue to take regular high school classes, and they attend a vocationally-related class at SWTC or another designated site each semester they are enrolled in the program. The Youth Apprenticeship classes are typically held in the early morning, late afternoon, or early evening to accommodate the student's regular class schedule. Students participating in the Agriculture – Animal Science or Agriculture – Plant Science program do not attend classes at SWTC, but they must be enrolled in an agriculture course at the high school each semester they are enrolled in the program.

In addition, students are employed at a worksite related to the apprenticeship. Students in the two-year program will work a minimum of 900 hours over the course of two years, and students in the one-year program will work a minimum of 450 hours over the course of one year. These work hours may take place during the school day or outside of the school day, or a combination of both.

Upon successful completion of the program, students will receive a certificate from the Governor's Work-Based Learning Board indicating they have mastered the skills for their particular Youth Apprenticeship program area. In addition, they will receive both high school credit and technical college credit. Iowa-Grant High School grants ¾ credit per semester for the Youth Apprenticeship course work (with the exception of the agriculture program, in which students receive regular credit for the agriculture course in which they are enrolled) and ½ credit per semester for the work experience portion of the program.

Employability Skills:

Employability Skills Certificate (ESC) Program is an opportunity for students to work at any job related to their career interests. While employed, students will work to strengthen employability skills that are needed to be successful in any career area (i.e., arriving at work on time, communicating effectively, dressing appropriately).

Students will be employed at a job related to their career interests for a minimum of 180 hours over a one-year time period. These work hours may take place during the school day or outside of the school day, or through a combination of both.

Upon successful completion of the program, students will receive a certificate from the Wisconsin Department of Public Instruction indicating they have mastered the employability skills necessary to be successful on the job. In addition, students will receive high school credit in the amount of ½ credit per semester for the work experience portion of the program.

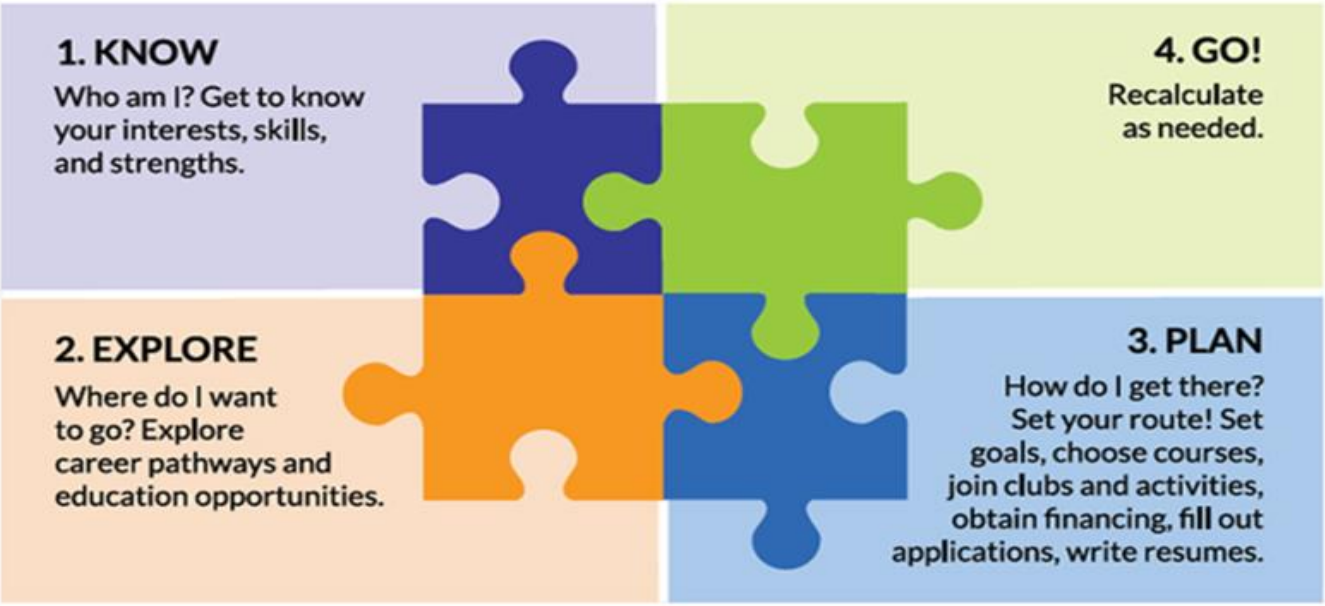
The Career Clusters icons are being used with permission of the:

States' Career Clusters Initiative, 2011, www.careerclusters.org

WISCONSIN ACP Academic and Career Planning

High School Academic and Career Planning Goal			
Freshman	**Sophomore**	**Junior**	**Senior**
ACT Aspire Exam **Xello Activities** **ABOUT ME** • Update profile picture and cover photos. • Complete the **Personality Styles** quiz. • Save interesting and helpful resources to help bring plans to life in **Storyboard**. • Add 3 experiences to the **Experiences Timeline**. **EXPLORE OPTIONS** • Choose a career profile, save it and rate the **Important Factors** for that career. • Start to explore programs and majors, see which programs are available at schools of interest. **GOALS AND PLANS** • Create one or more plans.	**ACT Aspire Exam** **Xello Activities** **ABOUT ME** • Complete **Matchmaker Mission Complete** questions. • Add volunteer experiences to the **Experiences Timeline**. • Complete **Skills Lab** questions. • Create a professional resume using **Resume Builder** **EXPLORE OPTIONS** • Choose career profiles of interest and then look through the **Earnings** and **Sample Career Path** sections of those profiles. • Review saved careers, upload list and further investigate preferred careers. • Explore schools and majors, experiment with the filters to see how different factions affect the options. • Save schools and majors of interest.	**ACT Exam** **Xello Activities** **ABOUT ME** • Add part-time and/or summer job experiences to **Experience Timeline**. • Explore educator- provided links and resources for financial aid. **EXPLORE OPTIONS** • Select at least 3 school profiles that are of interest and further explore academic options by looking at admission requirements for those schools and majors. • Review saved schools and programs, update list based on new experiences or insights. **GOALS AND PLANS** • Update and edit plans in **My Plans**-delete any plans that may no longer be relevant. • Explore the **College Planning Knowledge Hub** for key information that supports the college-bound journey	Retake **ACT Exam**, if needed **Xello Activities** **ABOUT ME** • Review content and make any updates **EXPLORE OPTIONS** • Conduct a final exploration of schools and majors of interests--become familiar with campus locations, culture and program requirement **GOALS AND PLANS** • Identify a plan or plans to put into action and delete any plan that might be outdated. • Select schools and programs and begin the application process. • Review **Local Scholarships** and begin the application process. **DASHBOARD** • Explore educator-provided links and resources for financial aid

• Revisit and revise four-year course plan prior to registering for sophomore year courses (consider Transcripted courses). **LESSONS** • Personality Styles • Exploring Career Factors • Getting Experience • Study Skills and Habits	**GOALS AND PLANS** • Revisit and revise four-year course plan prior to registering for junior year courses (consider AP, Transcripted, or Advanced courses). **LESSONS** • Work Values • Careers and Lifestyle Costs • Workplace Skills and Attitudes • Program Prospects **INTRODUCE** • Youth Apprenticeship and Work Release options	• Browse **Local Scholarships** for valuable post-secondary financial aid opportunities. • Revisit and revise four-year course plan prior to registering for senior year courses (consider AP, Transcripted, or Advanced courses). **LESSONS** • Choosing a College or University • Career Demand • Entrepreneurial Skills • Work/Life Balance **REVIEW** • Youth Apprenticeship and Work Release options	**LESSONS** • Defining Success • Career Backup Plans • Job Interviews • Career Path Choices **REVIEW** • Youth Apprenticeship and Work Release options



GRADUATION REQUIREMENTS

The graduation policy requirements are based on the District's curriculum, academic performance, teacher recommendations and other state law requirements applicable to granting a diploma.

No student may be granted an Iowa-Grant High School diploma unless the student has satisfied the following criteria:

1. Has earned 24 course credits. These credits include the following:

4 credits	English
3 credits	Social Studies
3 credits	Mathematics
3 credits	Science
1.5 credits	Physical Education
.50 credit	Health Education
.50 credit	Personal Finance
8.50 credits	Electives (including credits in vocational education, foreign language, fine arts, Xello and other offerings)

2. Has successfully passed the State Civics Exam.

FRESHMEN CLASS – GRADUATION YEAR 2026

Required Attempted Credits – 7.0

FRESHMEN REQUIREMENTS

Mathematics (1.0**) (Required)**
Algebra I (First ½) (1.0)
Algebra I (Second ½) (1.0)
Algebra I (Full Course) (1.0)
Geometry (1.0)

Language Arts
Freshmen English (1.0) **(Required)**

Social Studies
World Geography (1.0) **(Required)**

Physical Education
Physical Education (0.50) **(Required)**

Science
Physical Science (1.0) **(Required)**

Health
Health (0.50) **(Required)**

Electives
Choose additional elective courses to meet the required 7 credits.

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SOPHOMORE CLASS – GRADUATION CLASS OF 2025

Required Attempted Credits – 7.0

SOPHOMORE REQUIREMENTS

Physical Education
Physical Education (0.50) **(Required)**

Language Arts
Sophomore English (1.0) (**Required**)

Math (1.0 Required)
Choose the next appropriate class

Electives
Choose additional elective course to meet the required 7 credits.

Social Studies
U.S. History (1.0) **(Required)**

Science
Choose next appropriate class (1.0) **(Required)**

JUNIOR CLASS – GRADUATION YEAR – 2024

Required Attempted Credits – 7.0

JUNIOR REQUIREMENTS

Physical Education
Physical Education (0.50) **(Required)**

Language Arts
Junior English (1.0) **(Required)**

Math
Choose the next appropriate class (1.0) **(Required)**

Electives
Choose additional elective course to meet the required 7 credits.

Social Students
Government (1.0) **(Required)**

Science
Choose the next appropriate class **(Required)**

Personal Finance
(0.50) **(Required)**

****Personal Finance must be taken prior to graduation****

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SENIOR CLASS – GRADUATION YEAR – 2023

Required Attempted Credits – 7.0

SENIOR REQUIREMENTS

Physical Education
Physical Education (0.50)

Language Arts (1.0**) (Required)**
Senior English (1.0)
AP English Literature and Composition (1.0)
Communication for Life & work (1.0)

Electives
Choose additional elective course to meet the required 7 credits.

Math
Choose the next appropriate class

Science
Choose the next appropriate class

Social Studies
Choose the next appropriate class

Personal Finance
(0.50) **(Required)**

****Personal Finance must be taken prior to graduation****