



Course Registration Guide 2026-2027

Course Descriptions, Requirements, and Other Information

It is the policy of the Bondurant-Farrar Community School District not to discriminate on the basis of race, color, national origin, sex, disability, religion, creed, age (for employment), marital status (for programs), sexual orientation, gender identity and socioeconomic status (for programs) in its educational programs and its employment practices. There is a grievance procedure for processing complaints of discrimination. If you have questions or a grievance related to this policy please contact the district's Equity Coordinator; Chad Carlson, Director of Administrative Services, [300 Garfield St SW, Bondurant, IA 50035](mailto:carlsonc@bfschools.org), 515-967-7819, carlsonc@bfschools.org. -OR- Director of the Office for Civil Rights U.S. Department of Education, Citigroup Center, [500 W. Madison Street, Suite 1475, Chicago, IL 60661-7204](https://www.ed.gov), Telephone: (312) 730-1560, Facsimile: (312) 730-1576, Email: OCR.Chicago@ed.gov

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GENERAL NOTES

This booklet is furnished to assist you and your parents in selecting courses for the school year. The curriculum of Bondurant-Farrar High School has been developed to offer you an opportunity to investigate interests and capabilities in various fields and, at the same time, give a general education foundation on which future education and training may be based.

Particular attention should be given to the requirements for graduation, the requirements of the college that you may wish to attend, and the requirements of the vocation that you are considering. The courses that you select now will, in large measure, determine what you will do after graduation. Your teachers, school counselor, and administrators will be happy to assist you in your selections.

SELECTING YOUR HIGH SCHOOL COURSE

REQUIRED COURSES: The courses you take during your high school career should reflect your personal needs to allow you to be successful in your chosen field after graduation. **A total of 48 semester credits are required for graduation.** Each semester's class is worth one credit. In order to assure that your education will be well-rounded, courses will be required in the following subject areas some time during your high school career:

Needed for Graduation: (all taken while in high school)

Credits to Include:

- 8 semester credits of English
- 6 semester credits of Math
- 6 semester credits of Science
- 6 semester credits of Social Studies
- 4 semesters of Physical Education

Specific Required Courses:

- Algebra I*
- Geometry*
- Algebra II*
- U.S. Government or AP Government*
- U.S. History or Advanced U.S. History*
- Biology*
- Chemistry or Advanced Chemistry*
- English 9*
- English 10*
- English 11 or AP Language & Composition*
- Health I*
- Personal Finance*
- Physical Education*
- Physics in the Universe*
- Social Science*
- World History/Geography*

HONORS DIPLOMA CRITERIA

1. General Requirements of Bondurant-Farrar Board of Education Policy 505.5.
2. Additional requirements are:
 - 4 years of English to include AP Language & Composition and AP Literature
 - 3 years of math to include Geometry, Algebra II, and full year of Trig/Pre-Calc
 - 4 years of science to include Advanced Chemistry AND one of the following: AP Biology, AP Chemistry, Anatomy and Physiology, or Physics
 - 3 years of social studies to include 2 AP courses
 - 3.5 cumulative grade point average or better
 - Minimum of 25 ACT composite score
 - No violation of the Bondurant-Farrar Good Conduct Policy in junior or senior year

OTHER IMPORTANT INFORMATION

A student registered for a full-year course is encouraged to stay in the course both semesters. During the first 3 days of the semester, a student may drop or add a class. After the first 3 days of class, if a student chooses to drop a class, a failing (F) grade will be entered onto the transcript.

AP GRADING SCALE: Beginning with the 2017-2018 school year, Advanced Placement (AP) courses will be graded on a weighted grade scale.

A	4.5
A-	4.17
B+	3.83
B	3.5
B-	3.17
C+	2.83
C	2.5
C-	2.17
D+	1.83
D	1.5
D-	1.17

ELECTIVES: Approximately one-fourth of your total high school program consists of required subjects. This allows flexibility to meet your individual needs and interests, and to design a program that best suits your career plans. However, along with this flexibility comes the responsibility for making wise choices of the non-required or “elective” courses. The choice of electives is usually based upon the following factors:

- (1) the aptitudes of the students in certain areas of study;
- (2) the interests of the students; and,
- (3) what the students intend to do after completing high school.

PREREQUISITE: In some sequence courses, guidelines or prerequisites are offered to help the student make a practical choice in relation to previously acquired skills and knowledge. Exceptions to these guidelines may be made with the approval of both the instructor of the course and the administration. Any class with a prerequisite requires successful completion of the prior class. This would include both semesters of a year-long course.

NUMBER OF COURSES SELECTED: Ninth-, tenth-, and eleventh-grade students are required to take at least **six** academic courses each semester plus one semester of PE. Students are encouraged to take more than six courses each semester. Seniors are required to take at least **five** academic courses plus one semester of PE with a minimum of **three** academic courses at Bondurant-Farrar.

HIGH SCHOOL TAG: Students in grades 9-12 who are identified as TAG have the option of taking DMACC courses or completing an independent study with the high school TAG teacher.

STATE CAPITOL LEGISLATIVE PAGE PROGRAM: Per Senate File 517, students at Bondurant-Farrar High School have the opportunity to participate in the Legislative

Page Program at the Iowa State Capitol for the length of a regular session of the General Assembly. Participation in the program excuses the student from their physical education requirement for the semester and in addition awards 1 credit for Government class (semester class).

It is strongly recommended that Pages take only one or two BFHS courses for the semester they work as a Page in Des Moines. All individuals accepted to the program must make their own arrangements with the school to keep up with their coursework, which includes on-site BFHS class attendance on Fridays unless otherwise excused due to an activity at the Capitol. Additionally, students are expected to be in regular communication with teachers and receive/submit assignments following course deadlines via email, Canvas, or Google Classroom throughout the semester.

Please make sure to discuss the implications of missing a semester of school with your counselor. This includes potential impacts on GPA and the accumulation of credits toward graduation.

COURSE DESCRIPTIONS

AGRICULTURE

AGRICULTURE PATHWAY



Prerequisite

Intro to Agriculture
(9-12)**
1 year

Ag Business
Foundations (10-12)
1 semester

Animal Science
(10-12)
1 year

Survey of Animal
Industry (11-12)*
1 semester

Ag Leadership
(11-12)
1 semester

Natural Resources
& Ecology (10-12)
1 semester

Agriculture Issues
(11-12)*
1 semester

Ag Products &
Processing (10-12)
1 semester

Plant Science
(10-12)
1 semester

Environmental
Science Issues
(10-12)
1 semester

* = DMACC concurrent enrollment
** = Prerequisite

AGRICULTURE BUSINESS FOUNDATIONS (1 semester – 10, 11, 12)

Agricultural Business Foundations (ABF) introduces students to business management in agriculture. Mathematics, reading, and writing components are woven in the context of agriculture and students will use the introductory skills and knowledge developed in this course throughout subsequent CASE courses. Throughout the course are practical and engaging activities, projects, and problems to develop and improve business and employability skills.

- ***Prerequisite: Recommended C or above in Intro to Ag 1 or teacher approval.***
- ***Students are required to pass Intro to Ag***

AGRICULTURE LEADERSHIP (1 semester – 11, 12)

Agriculture Leadership is designed to discuss leadership and careers in the ever evolving job market that is agriculture. We will look at skills necessary to be a leader, how to work as a team, and many career-related topics. Topics will include team building exercises, personality profiles, parliamentary procedure, specific leadership qualities with other topics to be developed from student interest. This class will be highly project-oriented and will include written assignments, team and individual projects, and journals. All information will be presented in terms of how they will be affected as a student, an individual, and future leaders in society.

- ***Prerequisite: Recommended C or above in Intro to Ag 1 or teacher approval.***

- **Students are required to pass Intro to Ag**

AGRICULTURE PRODUCTS AND PROCESSING (1 semester – 10, 11, 12)

An introduction to the principles, practices, and issues affecting the production, processing, and distribution of beef, dairy, poultry, sheep, swine, and plant products. This course will be a hands-on lab-based class to better prepare students to be knowledgeable consumers of agricultural products

- ***Prerequisite: Recommended C or above in Intro to Ag 1 or teacher approval.***
- ***Students are required to pass Intro to Ag***

ANIMAL SCIENCE (1 Year – 10, 11, 12)

Student experiences will involve the study of animal anatomy, physiology, behavior, nutrition, reproduction, health, selection, and marketing. Students will explore hands-on projects and activities to learn the characteristics of animal science and work on major projects and problems similar to those that animal science specialists, such as veterinarians, zoologists, livestock producers, and industry personnel, face in their respective careers. Students will investigate, experiment, and learn about documenting a project, solving problems, and communicating their solutions to their peers and members of the professional community.

- ***Prerequisite: Recommended C or above in Intro to Ag 1 or teacher approval.***
- ***Students are required to pass Intro to Ag***

ENVIRONMENTAL SCIENCE ISSUES (1 semester – 10, 11, 12)

The CASE Environmental Science Issues course is a specialization-level course that enables students to research, analyze, and propose sustainable solutions to environmental issues. Students will complete hands-on activities, projects, and problems that simulate actual concepts and situations found in the environmental science field, allowing students to build content knowledge and technical skills. Students will investigate areas of environmental science including ecosystem management, sustainable agriculture, energy choices, and pollution.

- ***Prerequisite: Recommended C or above in Intro to Ag 1 or teacher approval.***
- ***Students are required to pass Intro to Ag***

INTRODUCTION TO AGRICULTURE (1 Year – 9, 10, 11, 12)

Explore the world of agriculture! Students participating in this course will experience hands-on activities, projects, and problems. Student experiences will involve the study of communication, agriculture, animals, plants, and natural resources. While surveying the opportunities available in agriculture, students will learn to solve problems, conduct research, work in teams, and take responsibility for their work, actions, and learning. Students must pass the first semester to enroll in the second semester.

NATURAL RESOURCES AND ECOLOGY (1 semester – 10, 11, 12)

The course provides students a variety of experiences in the fields of natural resources and ecology. Students will explore hands-on projects and activities while studying topics such as land use, water quality, stewardship, and environmental agencies. Study of the natural world including biomes, land, air, water, energy, use and care as well as a focus on issues surrounding man's interaction with the Earth will be addressed in this course. Students will select an ecosystem to study throughout the course and apply the principles of natural resources and ecology from each unit of study to that ecosystem

- ***Prerequisite: Recommended C or above in Intro to Ag 1 or teacher approval.***
- ***Students are required to pass Intro to Ag***

PLANT SCIENCE (1 semester – 10, 11, 12)

Principles of Agricultural Science – Plant (ASP) course provides a foundation of plant science knowledge and skills. Students will experience various plant science concepts through exciting “hands-on” activities, projects, and problems. Student experiences will include the study of plant anatomy and physiology, classification, and the fundamentals of production and harvesting. Students will learn how to apply scientific knowledge and skills to use plants effectively for agronomic, forestry, and horticultural industries. Students will discover the value of plant production and its impact on the individual, the local, and the global economy. Students will work on major projects and problems similar to those that plant science specialists, such as horticulturalists, agronomists, greenhouse and nursery managers, and plant research specialists, face in their respective careers

- ***Prerequisite: Recommended C or above in Intro to Ag 1 or teacher approval.***
- ***Students are required to pass Intro to Ag***

AGRICULTURE ISSUES (DMACC AGC 420) (1 Semester- 11, 12)

This course will explore the current issues that affect agriculture from the perspective of the producer and consumer in a society with little direct connection to food production. The course will review today's most pressing issues: the environment, the national debt, international trade and world health and how it relates to global society change

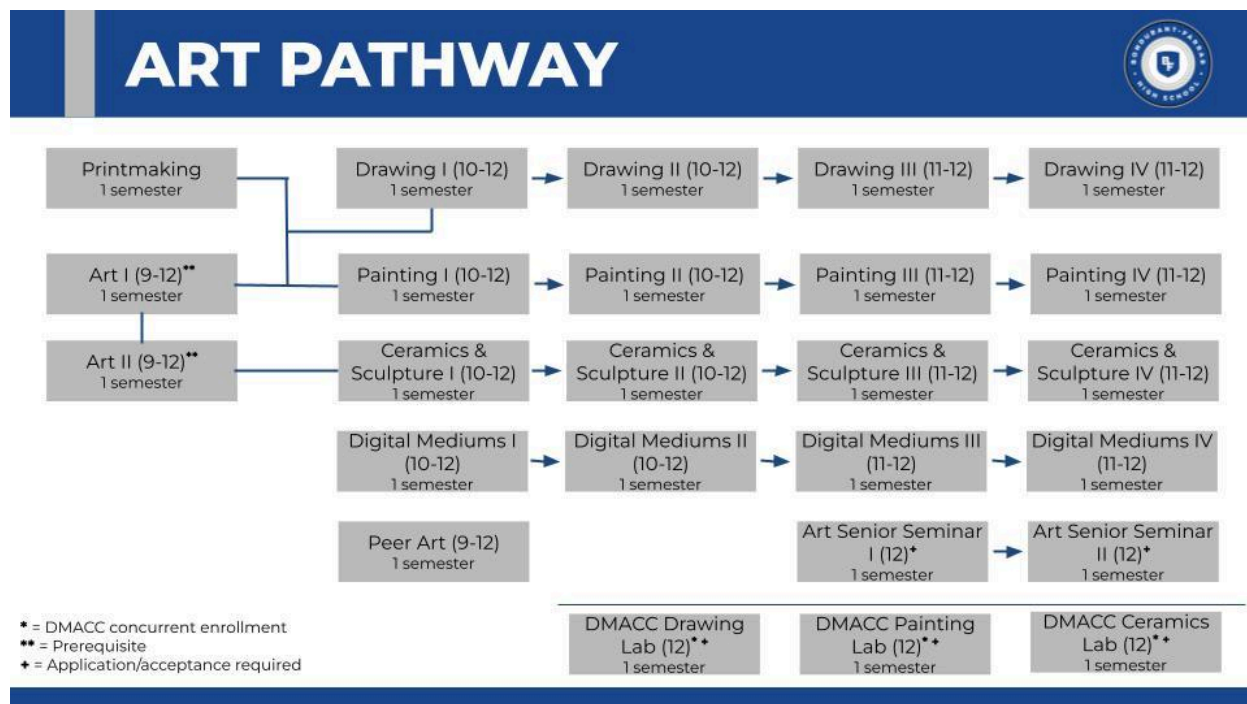
- ***Prerequisite: Recommended C or above in Intro to Ag 1 or teacher approval.***
- ***Students are required to pass Intro to Ag***

SURVEY OF THE ANIMAL INDUSTRY (DMACC AGS 114) (1 Semester- 11, 12)

Ways domestic animals serve the basic needs of humans for food, shelter, protection, fuel, and emotional well-being. Terminology, basic structures of the industries surrounding the production, care, and marketing of domestic animals in the United States.

- ***Prerequisite: Recommended C or above in Intro to Ag 1 or teacher approval.***
- ***Students are required to pass Intro to Ag***

ART



ART I (1 Semester – 9, 10, 11, 12)

Art I is the beginning art experience for high-school students. Art I emphasizes the fundamental techniques for drawing and painting. Students will be given the skills and knowledge to create realistically and abstractly. Students will become familiar with a variety of artists and learn how to appreciate their works of art. The course is recommended for freshmen and sophomores with little or no art background.

ART II (1 Semester – 9, 10, 11, 12)

Art II provides experience in a variety of areas in art. These areas include ceramics, calligraphy, commercial design, drawing, and painting, as well as projects to enhance student's imagination and creative skills. Students will progress through the history of art from the beginning of time to current day. Art II provides the student with the foundation of skills necessary for the remaining classes in the art curriculum.

- ***Prerequisite: Art I***

DIGITAL MEDIUMS I (1 Semester – 10, 11, 12)

Digital Mediums I is an intense, fast paced study of digital photography and introduction to Photoshop. Students will learn the basics of a digital camera and how to shoot photographs correctly. Students will explore different photographic genres as well as how to manipulate photographs. The second half of the semester, students will take their photos and learn the basics of Photoshop. This class will be treated as a college level class. Students must be self-driven and motivated to work outside of class time. A few cameras are available to check out overnight with a parent's consent. It is preferred that students have access to a SLR digital camera or point-and-shoot camera but it is not required as long as parents are willing to sign a consent to check out cameras.

DIGITAL MEDIUMS II (1 Semester – 10, 11, 12)

Digital Mediums II is a study of digital photography, Photoshop, and with time permitting, introduction of Illustrator. Students will continue certain projects in photography and Photoshop. Students will learn how to digitally manipulate, combine, and present photographs using Photoshop. Students have a lot of freedom with their projects but class will be set to very rigorous requirements of projects, as well as assignments associated with those projects. Students must be self-driven and motivated to work outside of class time. A few cameras are available to check out overnight with a parent's consent. It is preferred that students have access to a SLR digital camera or point-and-shoot camera but it is not required as long as parents are willing to sign a consent to check out cameras.

- ***Prerequisite: Passing Digital Mediums I***

DIGITAL MEDIUMS III (1 semester – 11, 12)

Digital Mediums III is an intermediate to advanced course for continuing to explore graphic design concepts, photography aesthetics, and digital imagery (painting) practices. Students will have hands-on opportunities to create designs for real world situations, learning professional utilitarian and aesthetic practices of photography. Students will also continue to innovate strategies for creating within photoshop.

- ***Prerequisite: Passing Digital Mediums II and teacher approval***

DIGITAL MEDIUMS IV (1 semester – 11, 12)

Digital Mediums IV is an advanced course for continuing to explore graphic design concepts, photography aesthetics, and digital imagery (painting) practices. Students will have hands-on opportunities to create designs for real world situations, learning professional utilitarian and aesthetic practices of photography. Students will also continue to innovate strategies for creating within photoshop.

- ***Prerequisite: Passing Digital Mediums III and teacher approval***

DRAWING I (1 Semester – 10, 11, 12)

Drawing I is divided into two sections, each lasting approximately one quarter. The first section is devoted to exercises for developing skills in eye-hand coordination, composition, shading, perspective, proportion, and positive-negative shapes. The second part of the class allows students to apply their drawing knowledge to drawing from life. Students will be developing their skills through a series of still-life drawings using graphite and various charcoals on different paper.

- ***Prerequisite: Art I***

DRAWING II (1 Semester – 10, 11, 12)

Students will continue developing their drawing skills at an advanced level. Students will learn how to draw the human figure and color theory with color pencils. Students will be given a series of open-ended projects that will assist them in learning about various styles, techniques, and ways to visually communicate. Students will also analyze peer work and critique famous art pieces.

- ***Prerequisite: Passing Drawing I***

DRAWING III (1 Semester – 11, 12)

Drawing III is an advanced, independent study in drawing. Students will plan, develop, and produce their own drawings. Students have a lot of freedom with their projects but class will be set to very rigorous requirements of projects, as well as

assignments associated with those projects. Students will analyze and critique peer work as well as famous art pieces. Students need to be self-driven and motivated to work outside of class time.

- ***Prerequisite: Passing Drawing II and teacher approval***

DRAWING IV (1 Semester – 11, 12)

Drawing IV is an advanced, independent study in drawing. Students will plan, develop, and produce their own drawings. Students have a lot of freedom with their projects but class will be set to very rigorous requirements of projects, as well as assignments associated with those projects. Students will analyze and critique peer work as well as famous art pieces. Students need to be self-driven and motivated to work outside of class time.

- ***Prerequisite: Passing Drawing III and teacher approval***

PAINTING I (1 Semester – 10, 11, 12)

Painting I students will learn about color theory and painting techniques with different mediums. Students will learn how to paint with watercolor and acrylic. Students will develop a resource manual of their own which will incorporate art history, color theory, notes, sketches and visual stimulation. Students need to understand that they will need to be self-motivated and will have to work outside of class in order to complete assignments.

- ***Prerequisite: Art I***

PAINTING II (1 Semester – 10, 11, 12)

Painting II is a study in painting that continues to build on technique and creative problem solving. Students will plan, develop, and produce their own paintings. Students have a lot of freedom with their projects within certain requirements but class will be set to a very rigorous requirement of projects, as well as assignments associated with those projects. Students need to be self-driven and motivated to work outside of class time.

- ***Prerequisite: Passing Painting I and teacher approval***

PAINTING III (1 Semester – 11, 12)

Painting IV is an advanced, independent study in painting. Students will plan, develop, and produce their own paintings. Students have a lot of freedom with their projects but class will be set to very rigorous requirements of projects, as well as assignments associated with those projects. Students need to be self-driven and motivated to work outside of class time.

- ***Prerequisite: Passing Painting II and teacher approval***

PAINTING IV (1 Semester – 11, 12)

Painting IV is a continued advanced, independent study in painting. Students will plan, develop, and produce their own paintings. Students have a lot of freedom with their projects but class will be set to very rigorous requirements of projects, as well as assignments associated with those projects. Students need to be self-driven and motivated to work outside of class time.

- ***Prerequisite: Passing Painting III and teacher approval***

CERAMICS & SCULPTURE I (1 Semester – 10, 11, 12)

This is an introductory course to ceramics and beginning sculpture. Students will create ceramic tools and hand-built vessels. Students will be throwing on the wheel and experimenting with glazes on their ceramic pieces. Students will also be introduced to other mediums to create three dimensional art projects.

- ***Prerequisite: Art II***

CERAMICS & SCULPTURE II (1 Semester – 10, 11, 12)

This is an advanced art class that is intended for self-driven and trustworthy students. A limited number of students will be allowed into this class because it will be happening at the same time as Ceramics & Sculpture I. Students will begin throwing clay on the wheel and advancing their skills for glazing art projects. Students will also be creating an art installation during the course.

- ***Prerequisite: Passing Ceramics & Sculpture I***

CERAMICS & SCULPTURE III (1 Semester – 11, 12)

This is an advanced art class that is intended for self-driven and trustworthy students. A limited number of students will be allowed into this class because it will be happening at the same time as Ceramics I. Students will be advancing their ceramic technical skills and craft with a rise in difficulty level and number of pieces required. Experimenting with Glazes will be a priority with all pieces.

- ***Prerequisite: Passing Ceramics & Sculpture II and teacher approval.***

CERAMICS & SCULPTURE IV (1 Semester – 11, 12)

This is an advanced art class that is intended for self-driven and trustworthy students. A limited number of students will be allowed into this class because it will be happening at the same time as Ceramics II. Students will work specifically on conceptual ideas while working on different tasks. Students will be advancing their ceramic technical skills and craft with a rise in difficulty level and number of pieces with a personal voice.

- ***Prerequisite: Passing Ceramics & Sculpture III and teacher approval***

ART SENIOR SEMINAR I (1 Semester – 12)

This class is designed for students interested in continuing their education in the visual arts and building on their skills. Emphasis will be on creating a portfolio appropriate for college admission and/or scholarship. Students will BE working independently in various art classes as an independent study student. All students in the class will meet once a week during WIN time for critiques.

- ***Prerequisite: Must have completed 2-3 years of art classes. Students must apply with the teacher and be accepted into the class.***

ART SENIOR SEMINAR II (1 Semester – 12)

This class is designed for students interested in continuing their education in the visual arts and building on their skills. Emphasis will be on creating a portfolio appropriate for college admission and/or scholarship. Students will be working independently in various art classes as an independent study student. All students in the class will meet once a week during WIN time for critiques.

- ***Prerequisite: Senior Art Seminar I***

Drawing Lab (DMACC ART133) (1 Semester – 12)

Study of the tools and techniques necessary for entry-level visual arts in drawing. Emphasis on still life using gesture, contour, shape, plane, volume and value/tonal techniques. Basic drawing skills with pencil, charcoal and eraser are explored. Students will be working independently in various art classes as an independent study student. All students in the class will meet once a week during WIN time for critiques.

- ***Prerequisite: Must have completed 2-3 years of art classes. Students must apply with the teacher and be accepted into the class.***

Painting Lab (DMACC ART143) (1 Semester – 12)

Acrylic painting with emphasis on still life, landscape and individual composition. Students will be working independently in various art classes as an independent study student. All students in the class will meet once a week during WIN time for critiques.

- ***Prerequisite: Must have completed 2-3 years of art classes. Students must apply with the teacher and be accepted into the class.***

Ceramics Lab (DMACC 173) (1 Semester – 12)

Comprehensive "hands-on" introductory experience working clay. The discovery "process" of finding one's unique sense of touch is stressed. Fundamental techniques demonstrated in hand-building and wheel-throwing. Concepts in ceramic art discussed, connecting cultures, artists and contemporary objects. Students will be working independently in various art classes as an independent study student. All students in the class will meet once a week during WIN time for critiques.

- ***Prerequisite: Must have completed 2-3 years of art classes. Students must apply with the teacher and be accepted into the class.***

PEER ART (1 Semester – 9, 10, 11, 12)

This course provides the opportunity for diverse learners to experience the fundamental elements and principles of design while collaborating with peer mainstream learners. It provides the opportunity for mainstream learners to develop leadership and employment skills by leading diverse learners through project-based units. Throughout the course, diverse learners will learn about the elements, perspective, different mediums, styles, and areas of design. Mainstream learners will learn to work appropriately and productively with others, use effective communication, adapt to varied roles and responsibilities, use interpersonal skills to guide others towards a goal, and leverage the strength of team members to accomplish a common goal. Students will work in groups at a 2:1 ratio of mainstream learners to diverse learners. This course is recommended for diverse learners in grades 9-12+ with little or no art background. This course is recommended for mainstream learners in Grades 11 and 12 that are interested in careers in teaching, social work, Art Therapy, or Occupational Therapy.

- ***Prerequisite for Mainstream learners: Teacher Approval***

PRINTMAKING (1 Semester - 10, 11, 12)

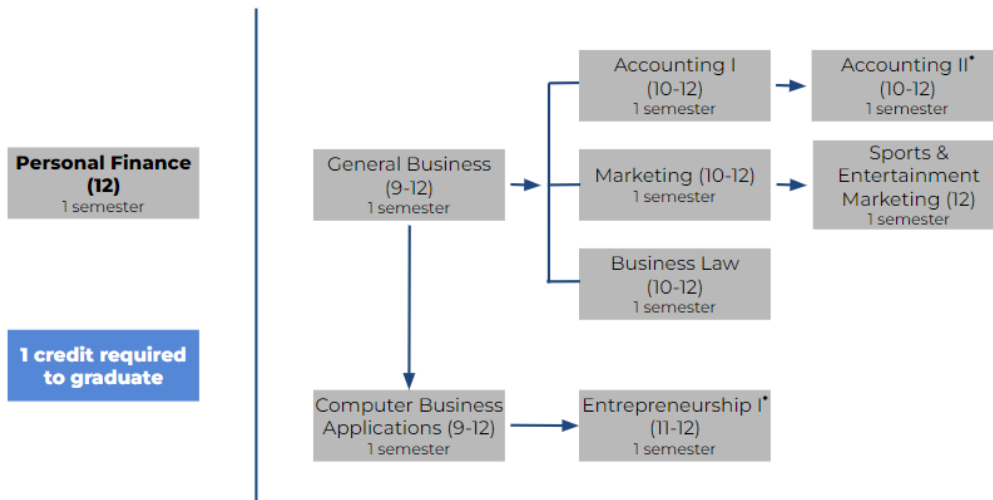
Printmaking is a one semester class where students will learn the art of screen printing as well as press printing and intaglio. Students will spend the first quarter learning how to create their own screen designs through light emulsion, print onto fabric and paper, as well as cleaning and resetting the screen. Students will also learn

how to do relief cuts and use a printing press. As well as intaglio processes. Students will plan, create, display and reflect on work made in printmaking.

- ***Prerequisite: Art I***

BUSINESS EDUCATION

BUSINESS PATHWAY



1 credit required to graduate

Bold = Required course
* = DMACC concurrent enrollment

GENERAL BUSINESS (1 Semester – 9, 10, 11, 12)

This is designed as the first-course business students take at BFHS. This course introduces students to the role of business in the lives of individuals, consumers, workers, and citizens. Coverage includes small-business management, business fundamentals, social responsibility and ethics, basic economics, technology, accounting and financial operations, consumer decision-making, and business law.

COMPUTER BUSINESS APPLICATIONS (1 Semester – 9, 10, 11, 12)

The purpose of this course is to learn how to use both computer hardware and computer software as business productivity tools. Training includes a hands-on introduction to microcomputer applications vital to today's business and industry. This course introduces the Office 2016 group of software as well as e-mail, internet word processing, spreadsheet, database, and presentation software. Students will be developing proficiency using Microsoft Excel, Word, and Powerpoint.

BUSINESS LAW (1 Semester – 10, 11, 12)

Business Law goes beyond consumer law to apply legal concepts and processes to business. Business Law emphasizes business and consumer applications within the frameworks of federal, state, and local laws, and introduces the impact of law. This course is designed to introduce the student to the study of law through a brief look at how law developed, the legal system in the United States, the functions of the federal and state court systems, and civil and criminal law. Students will examine the relationship of law and ethics, due process, contract law, court systems, and methods of dispute resolution. Types of law covered include tort lawsuits, courts, contracts, employment, and property. Analysis of relevant cases and current issues in the law will be incorporated. This course is a foundation in law for those planning to major in

business in college to pursue business careers and for personal and consumer applications.

- **Prerequisite: General Business**

MARKETING (1 Semester – 10, 11, 12)

Marketing is an introductory course designed for students who are interested in exploring how products are developed, produced, promoted, and distributed. In this course, students will learn the aspects of marketing as they complete the various unit lessons. In addition, communication, interpersonal, leadership, and technology skills will be developed, as well as employability and career development strategies.

- **Prerequisite: General Business**

ACCOUNTING I (1 Year – 10, 11, 12) Concurrent enrollment for DMACC credit ACC 104 for second semester

This class is an introductory course in accounting fundamentals and procedures, which includes capturing and analyzing business data and financial statement preparation. Course Competencies-the student will be expected to discuss basic accounting concepts and procedures, perform basic accounting transactions, record transactions in general journal, complete the accounting cycle, record transactions in special journals, control cash, prepare payroll records, account for inventory, and account for notes receivable along with notes payable.

- **Prerequisite: General Business**

ENTREPRENEURSHIP (1 Semester – 11, 12) Concurrent enrollment for DMACC credit BUS 148

This course is the study of decisions that affect the ownership and management of a business enterprise. This course will give students instructions into the decisions and activities that have to be made and completed to start a new business enterprise or become an owner of some type of existing business. Do you know someone who owns his or her own business? Do you want to be your own boss? Do you have the goal of owning a highly successful company? These are only a few of the reasons why thousands of people in the United States become entrepreneurs. In this class, you will select a product or service to sell, determine who your customers are, learn how to market your business, obtain financing, manage your employees, and develop a business plan.

- **Prerequisite: General Business & Computer Business Applications. Recommended to have a B- or higher in Marketing**

SPORTS & ENTERTAINMENT MARKETING (1 Semester – 11, 12)

Sports and Entertainment Marketing focuses on marketing and management functions/tasks that can be applied in amateur or professional sports or sporting events, entertainment or entertainment events, selling or renting of supplies and equipment (other than vehicles) used for recreational or sporting purposes, products and services related to hobbies or cultural events, or businesses primarily engaged in satisfying the desire to make productive or enjoyable use of leisure time.

- **Prerequisite: General Business and Marketing**

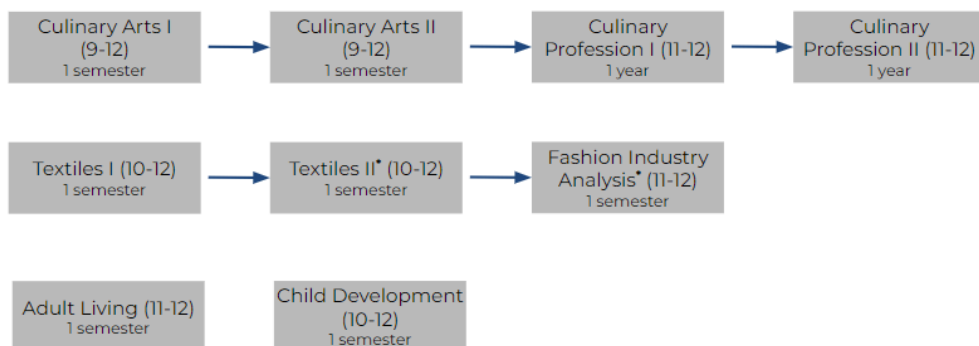
PERSONAL FINANCE- (1 Semester – 12 REQUIRED)

This course focuses on developing personal financial skills that encourage financial responsibility as a student, family member, consumer, employee, and citizen.

Personal Finance will provide fundamental coverage in money management (paychecks, taxes, and checking accounts), financial security (savings accounts, stocks, bonds, and mutual funds), credit management, and risk management (personal risk and insurance).

FAMILY & CONSUMER SCIENCE

FAMILY & CONSUMER SCIENCE PATHWAY



* = DMACC concurrent enrollment

CULINARY ARTS I (1 Semester – 9, 10, 11, 12)

Culinary Arts One is a one semester introduction course to culinary arts and the food service industry. Throughout this course students will be introduced to skills needed to work in the food service and hospitality industry including universal safety and sanitation practices, and a variety of food production skills. They will become aware of the nutritional value of food and how it affects the body. In class labs will reinforce the principles studied concerning the selection, preparation, and serving, and storing of foods. This is a practical lab class that develops skills the student will use in their personal and professional lives.

CULINARY ARTS II (1 Semester – 9, 10, 11, 12)

Culinary Arts Two will review and build upon the skills learned in Culinary Arts One. Students will continue to build food service, safety, and sanitation skills. They will learn about food production and presentation. Cooking units will expand their knowledge and skills focusing on herbs & spices, advanced egg techniques, cooking with grains & legumes, yeast breads, dressings and sauces, and meat & poultry basics.

- ***Prerequisite: Culinary Arts I with a C+ or teacher approval***

CULINARY PROFESSION I (1 Year – 11, 12,)

Culinary Profession 1 gives students the opportunity to participate in ProStart is an industry-backed culinary arts and restaurant management program for high school students. Students will learn how to be an industry professional through hands-on work under the direction of their teacher. The course provides a more professional approach to the culinary curriculum and focuses on employability skills. Students regularly prepare different foods including: salads, sandwiches, stocks, sauces, soups,

and quick breads. In addition to the food skills, students will learn about topics like marketing, management, cost accounting, communication skills, and professional expectations.

- ***Prerequisites: Culinary Arts 2. Recommended to have a C+ or instructor approval, Grades 11-12 (10th upon instructor approval)***

CULINARY PROFESSION II (1 Year – 11, 12)

Culinary Profession 2 guides students through the second level of the ProStart program. This course continues to develop the restaurant and foodservice concepts established in Culinary Professional 1. Students will further develop knowledge and skills for the restaurant industry: explore how to manage restaurant marketing, menus, costs, and people. Through food units students will demonstrate preparation of potatoes and grain products, desserts and baked goods, meat, poultry, seafood, fruits, and vegetables. Students will also practice professionally plating their foods, and explore the environmental impact of the food industry. With successful completion of the course, certification test, and work hours students will earn an industry recognized certification. ***Prerequisite: Culinary Professional 1.***

Recommended to have a C+ or instructor approval, Grades 11-12

TEXTILES I (1 Semester – 10, 11, 12)

Textiles One is a one semester course that teaches students skills related to selection and construction of textiles products. Throughout the semester students will learn how to evaluate clothing and build a wardrobe, as well as properly care for textiles products. They will develop an understanding of how textiles are made and how they can be used to create new items. Students will learn basic sewing techniques including machine and hand sewing. They will also breakdown the clothing design process and learn about the careers related to each step. There is no fee for this class; however, students will have to purchase their own materials for projects.

TEXTILES II (1 Semester - 10, 11, 12) Concurrent enrollment for DMACC credit APP 255

This course is intended to build basic sewing skills. The course includes construction of two or more simple garments and/or projects. Students will be operating sewing machines and equipment to complete a variety of sewing tasks. Through projects they will build skills to make basic pattern alterations, troubleshoot technical issues, and properly finish garments. Students will explore the textiles industry including a variety of fabric constructions, and art applications. There is no fee for this class; however, students must bring their own materials for projects. Students can earn college credits upon successful completion of this course.

- ***Prerequisite: Textiles I. Recommended to have a C+ or teacher approval***

Fashion Industry Analysis (1 Semester - 11, 12) Concurrent enrollment for DMACC credit APP 261

This course is intended for students interested in design and fashion. It will be an introduction to all facets of the fashion industry. Students will uncover fashion from the past analyzing how it influences current trends. They will interact with current fashion trends & events, and learn about the future of fashion. A wide variety of fashion-related careers will also be explored. Students will end the semester with a

career specific capstone project utilizing their knowledge of fashion to either design, market, or develop a clothing line.

- **Prerequisite: Textiles I. Recommended to have a C+ or teacher approval**

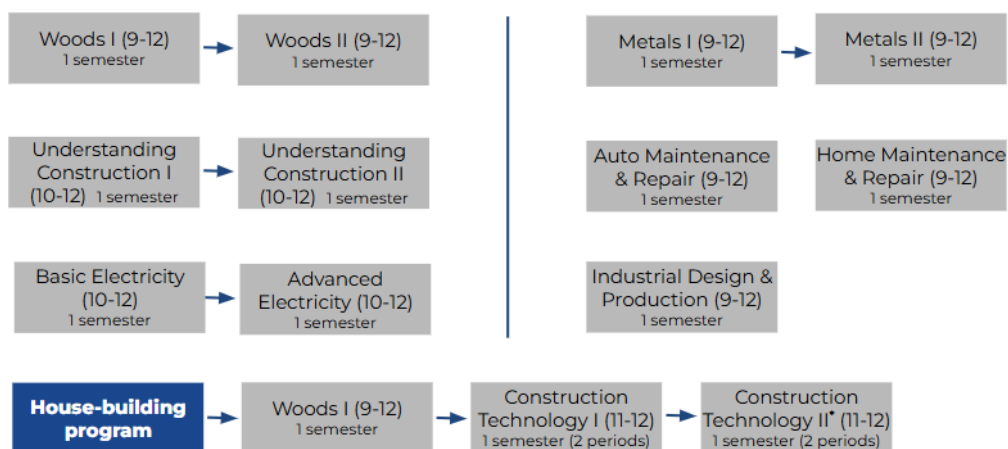
ADULT LIVING (1 Semester – 11, 12)

This class provides an opportunity to examine various aspects of independent living. Throughout the semester, students are encouraged to examine their values and how these values determine their lifestyle. Students will get the opportunity to examine life skills such as interpersonal relationships skills, employability skills, and how to handle changes across the lifespan. Students will also build knowledge related to consumer and lifestyle choices related to clothing, housing, nutrition, health, and wellness.

CHILD DEVELOPMENT (1 Semester – 10, 11, 12) Child Development is a one semester course that offers students the opportunity to learn about the care and development of young children. Throughout the semester students will explore the early stages of children’s development and learn how they can be encouraged and hindered by a variety of factors. Emphasis is placed on identifying best practices in caring for and promoting growth of children. Students will also explore careers and skills related to early childhood careers.

INDUSTRIAL TECHNOLOGY

INDUSTRIAL TECHNOLOGY PATHWAY



* = DMACC concurrent enrollment

WOODS I (1 Semester – 9, 10, 11, 12)

Woods I is an introduction to the use of power tools. It is designed to teach students about the basic technology and practices involved in woodworking. Emphasis is placed on proper and safe use of woodworking tools and machines. Text assignments and written work will be used to complement the various projects designed to hone woodworking skills. All activities will be arranged by the instructor to broaden and improve the student's knowledge and abilities.

WOODS II (1 Semester – 9, 10, 11, 12)

Woods II is an advanced woodworking class designed for the student who wants to increase their woodworking skills with hand, power and machinery tools. Assignments will include joinery, plan designs, journals, and research projects. A student project will be required during the 4th quarter. This project must be instructor approved and all materials will need to be supplied by the student.

- ***Prerequisite: Woods I***

INDUSTRIAL DESIGN & PRODUCTION (1 Semester – 9, 10, 11, 12)

This course is a project-based class that will begin with learning the skills to create projects using mechanical drafting to visualize, interpret, and create technical drawings, CAD in conjunction with the 3D printer, and PlasmaCam in conjunction with the CNC metal plasma cutting machine. Students will start with basic projects in each area and then have the freedom to create their own projects based on and centered around predetermined criteria. A performance-based rubric will be used to assess each project based on the criterion.

METALS I (1 Semester – 9, 10, 11, 12)

This course is designed to explore various areas of metallurgy in order to teach students about the basic technology used in processing metals. In addition to text assignments, “hands-on” experiences will be provided in cutting, joining, and using hand and power tools. Lab activities will include sheet metal work and shielded metal arc welding.

METALS II (1 Semester – 9, 10, 11, 12)

This course is a continuation of the Metals I course and concentrates on the use of arc and MIG equipment with the majority of time spent completing hands-on projects and building skills. Students will also be introduced to the PlasmaCam CNC program and have the opportunity to design and cut projects using the plasma table. Text assignments will complement various welding techniques.

- ***Prerequisite: Metals I***

HOME MAINTENANCE & REPAIR (1 Semester – 9, 10, 11, 12)

This course is designed to meet the needs of the future homeowner who wants to understand how to do many of the different maintenance and repair projects found around the home. It will cover the safe use of hand and power tools commonly found in the home. Assigned readings will complement lab activities including plumbing, drywall, electrical wiring, painting and energy efficiency.

AUTOMOTIVE MAINTENANCE & REPAIR (1 Semester – 9, 10, 11, 12)

This course is designed to meet the needs of the future car owner who wants to understand how an automobile works. Many hands-on activities will complement assigned readings covering basic engine operations and general automobile maintenance. Major units include changing various fluids, brakes and electrical items. There will also be a unit to educate the student to become a better and wiser consumer for financing and negotiating a vehicle purchase.

BASIC ELECTRICITY (1 Semester – 10, 11, 12)

This course is designed to teach the basic skills of electricity and electronics. It will cover topics relating to electrical concepts, the use of multimeters, electrical wiring, and electrical codes. Reading articles along with research and writing assignments will be given with opportunities to apply this knowledge through hands-on lab activities.

ADVANCED ELECTRICITY & ELECTRONICS (1 Semester – 10, 11, 12)

This course is designed to teach additional knowledge and skills in the area of electricity and electronics. Classroom instruction, along with electrical trainers, will focus the students on electrical theory, practices, and applications for those preparing to enter a career in electricity/electronics.

- ***Prerequisite: Basic Electricity***

UNDERSTANDING the CONSTRUCTION INDUSTRY I (1 Semester – 10, 11, 12) **Recommended for entry into house building program)**

This course is designed for students interested in entering the construction class and/or the construction industry after graduation. It provides instruction in both the residential and industrial construction industry on current techniques and practices.

Units and topics covered in this course will include preparing to build, tools and equipment, building foundations, and wood frame construction.

- ***Prerequisite: Woods I***

UNDERSTANDING the CONSTRUCTION INDUSTRY II (1 Semester – 10, 11, 12 Recommended for entry into house building program)

This course is designed for students interested in entering the construction class and/or the construction industry after graduation. It provides instruction in both the residential and industrial construction industry on current techniques and practices. Units and topics covered in this course will include completing the structure, finish carpentry, and construction specialties.

- ***Prerequisite: Understanding the Construction Industry I***

CONSTRUCTION TECHNOLOGY I (1 Semester – 11, 12; 2 periods) Concurrent enrollment for DMACC credit CON 336 & CON 337

This class is a part of our house-building curriculum and will concentrate on the exterior construction. Units covered will include concrete, framing, windows, siding, roofing, and insulation. Students will be required to complete an application for entry into the class. 24 students will be accepted into the class. Accepted students will also be required to complete the online OSHA 10-hour Construction Industry Safety Course during semester one. DMACC credit is received upon completion of the course.

- ***Prerequisite: Woods I, Application process***

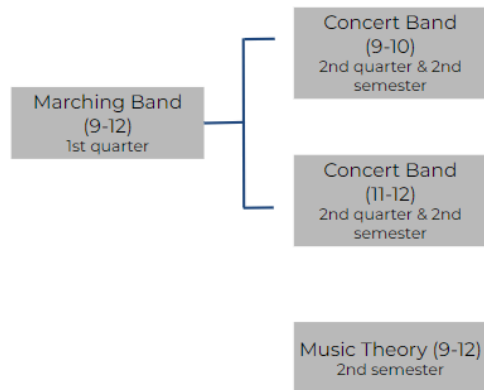
CONSTRUCTION TECHNOLOGY II (1 Semester – 11, 12; 2 periods) Concurrent enrollment for DMACC credit CON 333

This class is a continuation of our house-building sequence covering the second half of our project. Units covered will include: electrical, HVAC, drywall, trim, cabinets, painting, floor covering, landscape and sod. DMACC credit will be received upon completion of the course.

- ***Prerequisite: Construction Technology I***

INSTRUMENTAL MUSIC

INSTRUMENTAL MUSIC PATHWAY



MARCHING BAND & CONCERT BAND (2 Semesters – 9, 10, 11, 12)

Band rehearses daily and requires a year-long commitment. Band members perform at home football games, march for the homecoming parade, and compete in field competitions during the fall. Following the band season, the bands will split into 2 ensembles, a 9-10 band and an 11-12 band. These ensembles will meet different periods in the second semester. The concert bands perform a December concert and members can audition for the All-State Band or Orchestra during the first semester. Winter and spring concerts are held during the second semester, along with solo/ensemble festivals and large group festivals. Students are also eligible to attend honor bands within the state during the year. Jazz band is an extra-curricular option for those who are a member of the band program. Pep band performs for selected home basketball games. Band develops coordination, discipline, responsibility, and higher order thinking skills in addition to tone, technique, rhythm, balance and blend, interpretation, and musicianship. Some specific school horns are available for rental. Lessons are a required part of the curriculum and are offered in individual and small group settings during the school day. Band will entail some early morning practices throughout the year, especially during marching season. Additionally, there will be required performances outside the regular school day.

- ***Prerequisite: Music reading skills and either Concert Band, Mixed Chorus or Select Choir; prior participation in a music performance class; music reading skills on at least one clef; or teacher approval.***

MUSIC THEORY (2nd semester – 9, 10, 11, 12)

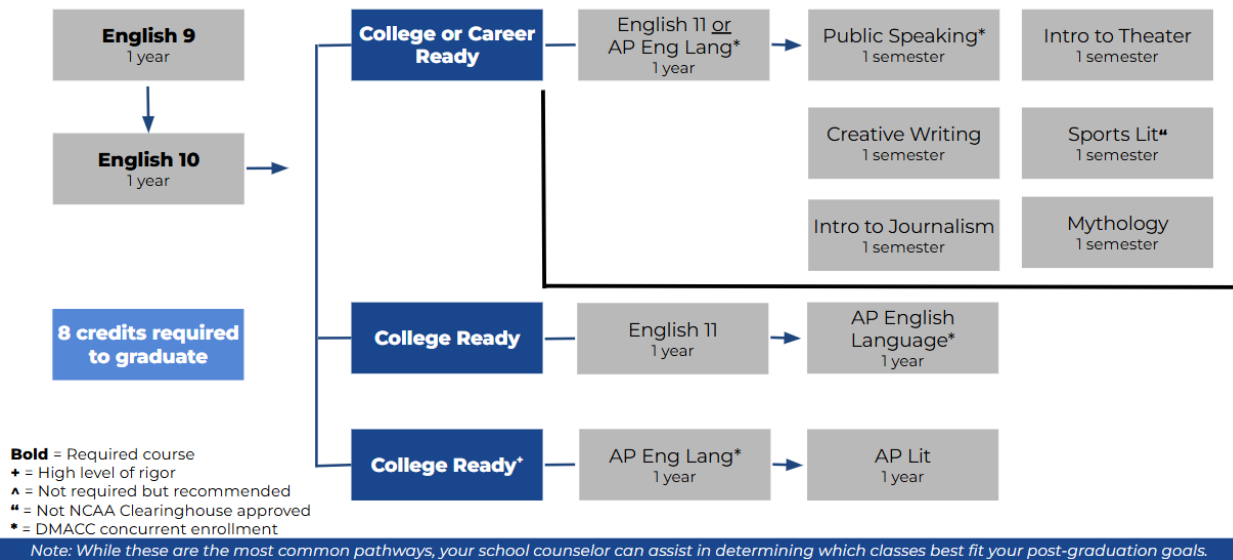
Music Theory provides the written, listening, and analytical skills needed to understand the organization and structure of music and to use this knowledge in composing music. Students acquire skills in ear training, musical notation, interval recognition, chord structure, harmonic progression, and form. Examples are analyzed

from music literature to see how music theory functions in music of all styles. Basic historical context will also be reviewed and expanded upon.

- ***Prerequisite: Music reading skills and either Concert Band, Mixed Chorus or Select Choir; prior participation in a music performance class; music reading skills on at least one clef; or teacher approval.***

LANGUAGE ARTS

LANGUAGE ARTS PATHWAY



AP Language & Composition/DMACC ENG105 & ENG106 (2 semesters: 11, 12)

AP Language & Composition/Composition I & Composition II introduces students to the college-level writing process through the construction and revision of a series of narrative, expository, and persuasive essays. Students may also produce other writing appropriate to the academic and working world. Through exposure to a variety of college-level readings, the students will build critical reading skills, and students will be expected to respond to assigned readings in a variety of ways. The course introduces library and computer-based research strategies. Academic integrity is a key expectation of this course.

Students will have the opportunity to take the AP exam at the end of the year to earn college credit. Comp I & Comp II are concurrent enrollment courses with students earning three DMACC credits/semester.

Prerequisite:

- **To take the course: Recommended to have a grade of C (or above) in previous two semesters of English or instructor approval**
- **To continue in the course at semester: Recommended to have a grade of C- or better in first semester**

Advanced Placement (AP) Literature and Composition (2 semesters: 12)

Throughout this AP English class, students will be expected to read quite a lot of fiction closely, compose a variety of essays, write informally, think critically, listen carefully, and discuss thoughtfully. This course encourages students to carefully analyze poems, short stories, plays, and novels. By closely reading extremely challenging texts, students will not only understand but also appreciate the varied ways authors use language to provide both meaning and pleasure for their readers. Students will discuss and write in response to the literature. Topics for discussion and

for writing will include (but are not limited to) the work's structure and themes along with the author's use of figurative language, imagery, symbolism and tone. Students will also prepare themselves for the AP test in May by taking many multiple choice tests along with writing in-class essays geared for the three free-response essays: rhetorical analysis of a poem, rhetorical analysis of a piece of fiction, and the open essay (a deep-level question over one novel). It is possible for a student to earn college credit by successfully passing the national AP Literature and Composition test given in May, depending on the student's final score and the student's choice of college.

Prerequisite:

- **To take the course: Grade of C (or above) in AP Language and Composition.**
- **To continue in the course at semester: Grade of C- or better in first semester**

CREATIVE WRITING (1 Semester – 11, 12)

Creative writing is an elective course for proficient writers who seek an overview of the basic aspects of creative writing techniques emphasizing the use of the writing process. Producing individual weekly writing assignments to develop and enhance students' writing skills is the major goal of the course. The most important aspect of the course is the responsibility placed on students to improve their writing. The course is designed to provide the opportunity to write in a variety of genres including poetry, short story, description, narration, exposition, and persuasion. The aim of the class is for students to produce multiple kinds of creative writing with an emphasis on revision and editing skills. This will also support writing across the curriculum.

PUBLIC SPEAKING (DMACC SPC101) (1 Semester – 11, 12)

This course will allow the students to be exposed to a variety of speaking situations and to gain confidence when speaking to an audience of 1 to 1,000. Good life-long communication skills will be emphasized. Students will learn the difference between verbal and nonverbal communication. Students will write and present various types of speeches including informative and persuasive. Students will practice active listening skills throughout the semester. Students will be required to present speeches or participate in activities in front of their peers at least twice a week. This course will require a considerable amount of writing. This course will be a DMACC concurrent enrollment course (three credits), counting as "Fundamentals of Oral Communication."

ENGLISH 9 (1 Year – 9) REQUIRED

This course explores two areas in depth: composition and literature. Students will write expository, descriptive, narrative, and persuasive paragraphs along with a variety of essays. Students will follow the writing process. Students will also read and analyze poems, short stories, plays, and novels. Students will be asked to make personal connections to the varied literary pieces that they read. Finally, students will practice identifying parts of speech, analyzing parts of a sentence, writing in complete sentence structure along with reviewing and using the various rules that govern the written word, such as capitalization, punctuation, and spelling.

ENGLISH 10 (1 Year – 10) REQUIRED

This course will allow the student to read a variety of classic and contemporary literature -- short stories, fiction, nonfiction, drama, poetry, and novels. Students will be asked to think and write critically and creatively about the literature that they read and the relation to their life. Students will be given a view of grammar, mechanics, and usage, and its relation to the written and spoken word. The student will be engaged in the process approach to writing throughout the school year. Basic critical approaches are emphasized and a broad range of authors from a variety of cultural and ethnic groups and a wide span of historical periods is presented. Students will read the works of professional writers and apply the principles of imaginative writing to their own work.

- ***Prerequisite: English 9***

ENGLISH 11 (1 Year – 11) REQUIRED (AP Language & Composition offered during the student's junior year can also fulfill this requirement)

This course will allow the student to read a variety of American literature: short stories, poetry, drama, and fiction and nonfiction novels. The student will be asked to think and write critically about the literature read. The student will review grammar, usage, and mechanics and their importance to both the spoken and written word, especially in technical writing and formal speaking. Basic critical approaches are emphasized and a broad range of authors from a variety of cultural and ethnic groups and a wide span of historical periods is presented.

- ***Prerequisite: English 10***

INTRO TO JOURNALISM (1 Semester – 9, 10,11,12)

Introduction to Journalism offers students the opportunity to study communications beyond traditional forms. Students will learn to develop critical thinking skills by evaluating the legitimacy and authority of various media sources. They will present their ideas in a variety of media, which may include web and traditional print articles, and social media. Students' work would be published and shared with the Bondurant-Farrar community. They will also learn to pitch story ideas, investigate leads, conduct interviews, organize information, and write, revise and edit various types of stories. Throughout the class students learn ways to become better critics of the media and to present themselves professionally using 21st Century communication skills.

INTRO TO THEATRE (1 Semester – 11, 12)

Students will be exposed to a variety of speaking situations, drama activities, including monologues and ensemble acting, a history of the theater and analysis of film. This course requires a lot of student writing and some memorization of speeches. Students will be required to present speeches or participate in activities in front of their peers at least twice a week.

MYTHOLOGY (1 Semester – 11, 12)

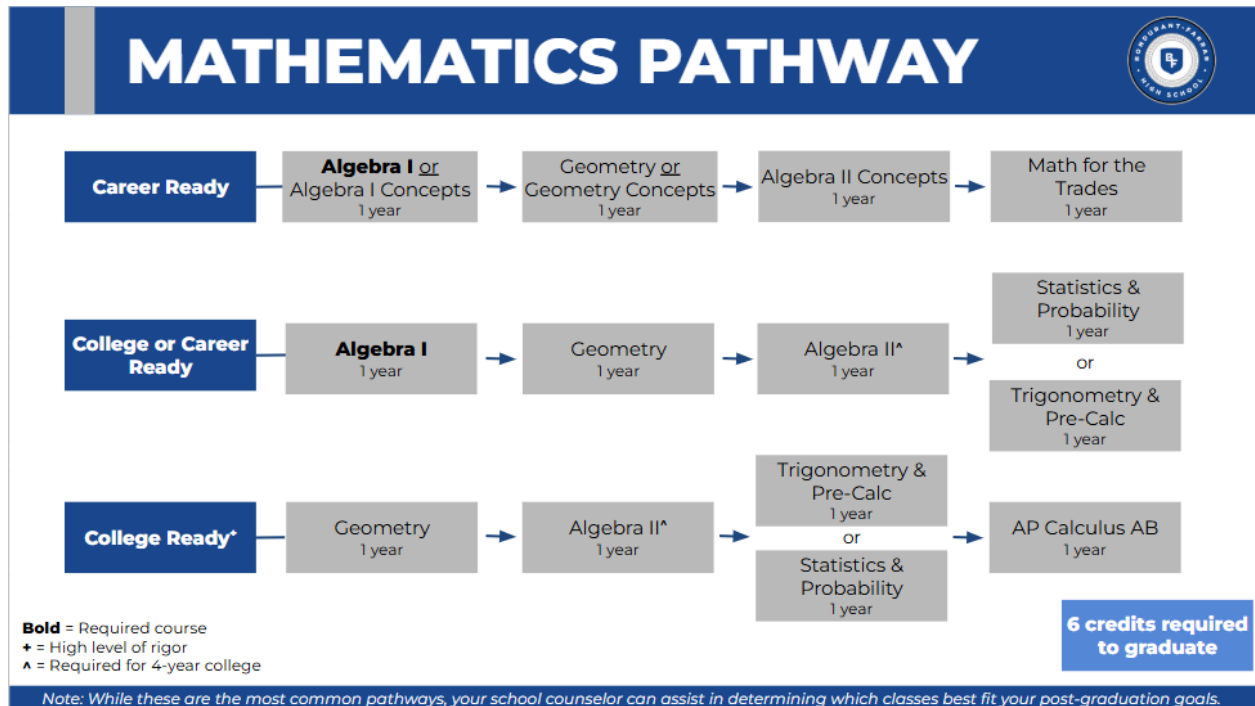
Students in this class will learn about mythology from around the world across various cultures. These myths will be sectioned into five categories: creation myths, humanity myths, natural disaster myths, world sharing myths, and hero and trickster myths. Students will learn about each of these categories in depth and connect these myths to the culture they originate from. Through this, students will learn about a diverse set of civilizations, both past and present, and how these civilizations

show their values through their mythologies. Throughout the course, students will connect myths to modern settings, analyze characterization, compare and contrast different types of myths, and create their own mythical creatures and mythology stories.

SPORTS LITERATURE (1 Semester – 10, 11, 12)

Sports Literature is an elective course that involves continuous practice in the skills of reading and writing. Sports Literate will be guided by reading thought-provoking texts including but not limited to, contemporary novels, columnists, fiction, nonfiction, and other media. Students will write for an extended period of time. Students will also write argumentative, comparison/contrast, informative and narrative papers.

MATHEMATICS



ALGEBRA I (1 Year – 9) REQUIRED

This course is designed to guide the students in learning the algebraic principles and to furnish them with exercise material to strengthen their comprehension of these principles. The course content is integrated into other subject areas such as geometry, statistics, probability, and discrete mathematics. Applications are made to real-life problems so that connections are made to other topics that the students are studying. This course serves as a basis for students taking more advanced college-prep mathematics courses.

ALGEBRA I CONCEPTS (1 year - 9)

This is an introductory course focusing on algebraic concepts and skills and their applications to real life situations. It is designed to guide the students in learning the algebraic principles and to furnish them with exercise material to strengthen their comprehension of these principles. The course content is integrated into other subject areas such as geometry, statistics, probability, and discrete mathematics. Applications are made to real-life problems so that connections are made to other topics that the students are studying. This course fulfills the graduation requirement that all students must complete Algebra 1. However, this course does not meet the RAI requirements for acceptance to Iowa/ISU/UNI and potentially other colleges/universities.

- **Prerequisite: Teacher Recommendation, Iowa Assessment Scores**

GEOMETRY (1 Year – 9, 10)

This course covers a basic study of plane geometry with some work in space geometry. It includes the study of formal proof, trigonometry, area and volume, construction, and review and reinforcement of basic algebra skills.

- ***Prerequisite: Algebra I or Algebra I Concepts***

GEOMETRY CONCEPTS (1 year – 10)

This is an introductory course focusing on geometric concepts and skills and their applications to real life situations. It is designed to guide the students in learning the geometric principles and to furnish them with exercise material to strengthen their comprehension of these principles. This course fulfills a math graduation requirement for all students. However, this course does not meet the RAI requirements for acceptance to Iowa/ISU/UNI and potentially other colleges/universities.

- ***Prerequisite: Algebra I Concepts and/or teacher recommendation***

ALGEBRA II (1 Year – 10, 11) This course is required for admission to 4-year colleges/universities.

This second year of algebra builds upon the skills of the first-year course by reviewing and extending the use of those skills to more complex applications. Algebra II includes the study of linear and quadratic functions, exponential and logarithmic functions. Graphing calculators and computer software are available to extend the material in the text. This is a full-year course.

- ***Prerequisite: Algebra I/Algebra I Concepts and Geometry/Geometry Concepts.***

ALGEBRA II CONCEPTS (1 year – 11)

This is an introductory course focusing on Algebraic concepts and skills and their applications to real life situations. It is designed to guide the students in learning the algebraic principles and to furnish them with exercise material to strengthen their comprehension of these principles. This course fulfills a math graduation requirement for all students. However, this course does not meet the RAI requirements for acceptance to Iowa/ISU/UNI and potentially other colleges/universities.

- ***Prerequisite: Algebra I/Algebra I Concepts and Geometry/Geometry Concepts.***

TRIGONOMETRY and PRE-CALCULUS (1 Year – 11, 12)

Pre-calculus presents and develops the necessary topics of a pre-calculus course. Some of the topics presented are an integration of geometric and algebraic concepts, linear and higher-order functions, complex numbers, techniques of equation solving, and an introduction to integral and differential calculus.

Trigonometry covers triangle and circle trigonometry, in-depth study of trigonometric functions and their graphs, solving trigonometric equations, and work with the trigonometry identities.

- ***Prerequisite: Algebra II***

STATISTICS & PROBABILITY (1 Year – 11, 12)

Statistics and Probability introduces the study of likely events and the analysis, interpretation, and presentation of quantitative data. Course topics generally include basic probability and statistics, discrete probability theory, odds and probabilities, probability trees, populations and samples, frequency tables, measures of central tendency, and presentation of data (including graphs). Topics may also include normal distribution and measures of variability.

- ***Prerequisite: Geometry/Geometry Concepts***

MATH FOR THE TRADES (1 Year – 12)

In this high school math class, students will engage with mathematical concepts through trades-based contexts, introducing them to the real-world applications of math in various careers. By focusing on practical problem-solving relevant to trades, the course prepares students with the skills needed for apprenticeships and career readiness in trades-based professions.

- ***Prerequisite: Algebra I/Algebra I Concepts and Geometry/Geometry Concepts, Algebra II/Algebra II Concepts***

ADVANCED PLACEMENT (AP) CALCULUS AB (1 Year – 12)

Students will explore the fundamentals of calculus through graphical, numerical, and analytical methods. Topics include derivatives, summation, integrals, and slope fields. This class is intended to prepare students to take the AP exam in the spring.

- ***Prerequisite: Trigonometry and Pre-Calculus***

OTHER ELECTIVES

OTHER ELECTIVES



School Service (11-12) 1 semester	Teacher Academy (11-12) 1 year	Internship (12) 1 year (2 periods)
Yearbook (9-12) 1 year	iJAG* (11-12) 1 year	Bluejay Seminar* (11-12) 1 semester
Bluejay Digital: Rant News Show (9-12) 1 year	Bluejay Digital: Media Production (9-12) 1 year	Bluejay Digital: Graphic Design (9-12) 1 year

* = Application/acceptance required

SCHOOL SERVICE (11, 12)

This is elective if for a junior or senior student to contribute his or her services in some area of volunteer work within the high school. This service-learning provides immeasurable value to both the student and the recipient of the service. Students may have no more than two semesters of school service (one semester equals one-half credit). Students will be assigned based on availability and scheduling. Students will be scheduled during an everyday study hall time. This class will be pass/fail. Students must have six (6) academic courses + PE scheduled. Students will be assigned to the office area, to assist teachers/office staff with tasks such as typing, making copies, and preparing classroom activities. The guidelines to qualify for school service are as follows:

- The student must have five or less absences in the previous semester with none of them being unexcused
- The student will have no “F” grades in the previous semester
- The student will not have been placed in out-of-school suspension in the previous semester.
- The student cannot be behind in credits.
- Final approval is by the principal. BFHS Reserves the right to place students in needed assignments.

- ***Prerequisite: Application and approval per the criteria listed above***

TEACHER ACADEMY (1 year – 11, 12)

Teacher Academy is a course for students who have a special interest in working with children and are investigating going into the field of education. This year-long elective course will be a combination of course work at BF High School and all kinds of experiences outside of our school where you'll interact with students of all ages, teachers of all backgrounds, and build a portfolio of skills and experiences you will benefit from whether you decide to enter the field of education or not.

*Students must be able to provide their own transportation to/from practicum schools.

INTERNSHIP (1 Year – 12)

The Internship course is designed to provide work experience opportunities to all students. The in-class portion focuses on future plans and goals with the study of career assessment, career and postsecondary research, job seeking skills, the workforce, and skills to adequately handle various workplace situations. The job site provides students with practical work experience as well as training and networking with community business people. Students will be given the opportunity to match a potential job through internship opportunities made available through the instructor's connections or the student's connections. Students will be required to intern during the school day for TWO class periods. Transportation to the worksite will be necessary but if this is a barrier please inquire for assistance.

- ***Prerequisite: Application***

BLUEJAY SEMINAR (1 semester – 11, 12)

This course allows students to plan, complete and present an interest-based project. The projects are not content specific and can include endeavors not readily available in classrooms. Students can also work as individuals or in a small group. Participants will employ goal setting, project evaluation, collaboration, time management and communication skills. The semester will culminate in a community showcase, where students will present their projects to the Bondurant-Farrar community.

- ***Prerequisite: Teacher Approval***

iJAG - Iowa Jobs for America's Graduates (1 Year - 11, 12)

iJAG is a comprehensive school-to-career program designed to help students prepare for life after high school through leadership development, career exploration, and project-based learning. Students build key workplace readiness skills such as networking, professional communication, resume and cover letter writing, and leadership. The rotating curriculum includes units on leadership, service learning, college and career readiness, workplace skills, entrepreneurship, financial literacy, and competitive event preparation. Students gain real-world exposure through guest speakers, business and college tours, mentorships, and job fairs. Juniors and seniors may also participate in work-based learning experiences such as apprenticeships, internships, or credential programs. All students are members of the student-led Career Association, where they plan activities, service projects, and events. Participants may also attend statewide iJAG conferences and competitions. Graduating seniors receive one year of additional follow-up support to ensure continued success in their career paths. Sophomores are eligible to take this course by invitation only. This course can also be taken as a one semester option.

- ***Prerequisite: Application and iJAG committee approval***

BLUEJAY DIGITAL: RANT NEWS SHOW (1 semester – 9, 10, 11, 12)

This Bluejay Digital course is solely dedicated to producing "The Rant" - a news show that showcases people and events at Bondurant-Farrar High School. Students will work collaboratively to plan, film, and produce news segments that feature a wide variety of topics and content. This class is limited to a small group of students who have school spirit, strong work ethic, and can thrive in a deadline-based environment. Students are required to work a few events outside of school hours each semester.

- ***Prerequisite: Intro to Journalism and Teacher Approval***

YEARBOOK (1 Year commitment is required – 9, 10, 11, 12)

Yearbook focuses on the organization and production of the school yearbook. Students will learn layout design skills, photography skills, interviewing skills, how to write effective copy and captions, advertising techniques, and guidelines for producing excellent pages. The class is limited to fifteen students with ambition, computer knowledge, excellent writing and word processing skills, and responsibility. Students must apply and be selected to the yearbook staff. Some class work in June will be required and final grades will not be submitted until all work is completed.

- ***Prerequisite: Application and Teacher Approval***

BLUEJAY DIGITAL: MEDIA PRODUCTION (1 year – 9, 10, 11, 12)

This Bluejay Digital course will develop the technological skills needed to produce digital media projects, including photography, filmography, podcasts, and live-stream broadcasts showcasing activities at Bondurant-Farrar. This class is limited to a small group of students who have school spirit, strong work ethic, and can thrive in a deadline-based environment. Students are required to work a few events outside of school hours each semester.

- ***Prerequisite: Application and Teacher Approval***

BLUEJAY DIGITAL: GRAPHIC DESIGN (1 year – 9, 10, 11, 12)

This Bluejay Digital course will develop the technological skills needed to create graphic design advertisements and promotional materials showcasing activities at Bondurant-Farrar. This class is limited to a small group of students who have school spirit, strong work ethic, and can thrive in a deadline-based environment. Students are required to work a few events outside of school hours each semester.

- ***Prerequisite: Application and Teacher Approval***

INFO TECH: INDEPENDENT STUDY (1 year - 9, 10, 11, 12)

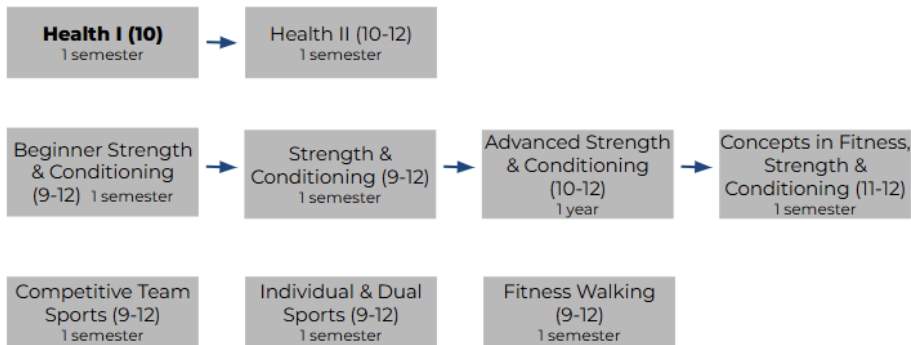
This course is an independent class where students select from a variety of Google courses such as Data Analytics, AI Essentials, Cyber Security, IT Support and more. The students must be motivated and self directed in order to be successful in this course. It is recommended that the students have some background in computer programming to be successful in this course as well.

ELECTRICAL PRE-APPRENTICESHIP (1 year - 11, 12)

This course is an independent class where students work on an online platform that will earn them course credit for an electrical apprenticeship. Recommended for students who are highly motivated to go into the electrical field following high school. Instructor approval is required for this course and it is required that you have taken Basic and Advanced Electrical prior to taking this course. 11th and 12th grade only

PHYSICAL EDUCATION/HEALTH

PHYSICAL EDUCATION PATHWAY



5 credits required to graduate

Bold = Required course

PHYSICAL EDUCATION: COMPETITIVE TEAM SPORTS (1 semester – 9, 10 ,11, 12; classes will be mixed levels)

This class is designed for students interested in learning skills and strategies of team sports. This course will include daily skill instruction and implementation of those skills into a competitive game setting. Sports may include, but are not limited to: basketball, flag football, soccer, ultimate frisbee, pickleball, badminton, slow-pitch softball, and volleyball. This course will also include daily cardiovascular fitness.

PHYSICAL EDUCATION: INDIVIDUAL & DUAL SPORTS (1 semester - 9, 10, 11, 12; classes will be mixed levels)

This course will focus on developing students' knowledge of and competency in motor skills, movement patterns, and strategies essential to perform a variety of physical activities. These activities will include: badminton, handball, tennis, two-player volleyball, pickleball, spikeball, ladder golf. Students will also continue to expand their knowledge for fitness concepts and participate in activities to maintain and improve their health related fitness. This course will also include daily cardiovascular fitness.

PHYSICAL EDUCATION: FITNESS WALKING (1 Semester – 9, 10, 11, 12; classes will be mixed levels)

This course is designed to give the student a practical understanding of cardiovascular fitness produced by walking/jogging. Experiences are provided to help the student understand the benefits, organization, implementation, and evaluation of a balanced aerobic fitness program utilizing walking/jogging as the primary activity.

PHYSICAL EDUCATION: BEGINNER STRENGTH & CONDITIONING (1 Semester – 9, 10, 11, 12)

This course would teach students the introductory level of weights. Proper technique/vocabulary/and mechanics will be discussed/performed while in the class. Students will also understand the muscles and body movements that are being used throughout the semester. Students will be introduced to team build and get their account set up and how to navigate throughout the app to become a more involved lifter.

PHYSICAL EDUCATION: STRENGTH & CONDITIONING (1 Semester – 9, 10, 11, 12, classes will be mixed levels)

The instruction will include helping to develop the mover and demonstrate an improved technique. As the course progresses, the learner will need less help. The learner will require some instruction and correction on movement and technique from the instructor but will begin to be self-servicing and be able to evaluate and analyze his or her own technique and the technique of other learners. The goal is for the learner to be able to perform a strength and conditioning workout on her or his own with little or no instruction or correction of movement or technique. The learner will also be able to evaluate and analyze their own technique and the technique of others.

- ***Prerequisite: Beginner Strength Conditioning or teacher approval***

PHYSICAL EDUCATION: ADVANCED STRENGTH & CONDITIONING (1 Year– 10, 11, 12 mixed)

This physical education option centers on a daily, high-intensity weight lifting, speed, and flexibility program. The class will accommodate those students with a background in strength and conditioning/weight lifting. For this reason, the class will not be available to incoming freshmen. All students that take this class must have previously taken another weight lifting class. All students must be approved for this class by the physical education staff; approval for the class will be based on the demonstration of the student's ability to safely and effectively operate in a high-intensity workout environment. Students must possess the skills and have the ability to execute multi-joint movements with the proper form and technique. Baseline evaluations for readiness in this class will include the squat, overhead squat, hang clean, snatch, deadlift and bench press. Students will be assessed, evaluated and graded on the following criteria; attendance, active participation and effort (completion of workouts), improvement in max outs and testing, demonstration of proper form and technique in a variety of lifts and exercises, and basic understanding of nutrition, rest, and recovery.

- ***Prerequisite: Beginner Strength Conditioning, Strength and Conditioning or teacher approval***

CONCEPTS in FITNESS, STRENGTH & CONDITIONING (1 semester - 11, 12)

This course will be an exploratory, project-based class in which students will learn

the evolution of strength training and strength sports covering everything from old time strongman through modern strength sports. We will also cover a variety of training methods for the improvement of physical/athletic performance and the adaptations that happen in the human body. We will cover the engineering of strength and conditioning equipment and the reasons they are built the way they are. Different technologies used to monitor and facilitate training will be learned and discussed during this time as well. We will discuss the different training methods used in different sports around the world and the reasoning behind these methods. We will try to bring in a few guest speakers (athletes, coaches, etc.) that have excelled in their given sport and give time for asking questions to expose our students to different opportunities within strength sports and different athletic areas.

- ***Prerequisite: One semester of Advanced Strength & Conditioning or 2 semesters of Strength & Conditioning (with teacher approval)***

HEALTH I- REQUIRED (1 semester – 10)

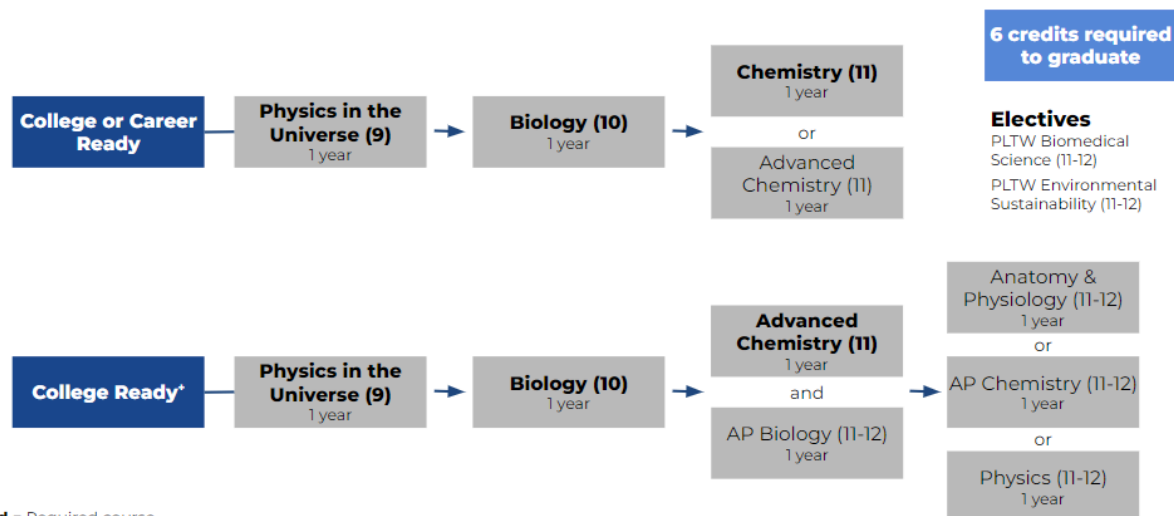
This comprehensive course introduces students to a wide range of health subject areas. The areas of study include fitness and nutrition, diseases and disorders, adolescent health and wellness, consumer and environmental concerns, mental health, human sexuality and avoiding hazardous substances. This course will help students develop health and wellness skills they need to lead a healthy life. CPR training will also be included in this course.

HEALTH II (1 semester – 11, 12)

This comprehensive course introduces students to a wide range of health subject areas. The areas of study include fitness and nutrition, diseases and disorders, STD's and sexual abstinence, adolescent health and wellness, consumer and environmental concerns, mental health, sleep disorders, avoiding harmful substances, mental illness/diseases, teamwork/collaboration, and social skills. Community service type projects and community learning activities will also be included in this elective course. This course will help students develop health and wellness skills they need to lead a healthy life.

SCIENCE

SCIENCE PATHWAY



Bold = Required course
+ = High level of rigor

Note: While these are the most common pathways, your school counselor can assist in determining which classes best fit your post-graduation goals.

PHYSICS IN THE UNIVERSE (1 Year – 9) REQUIRED

This is a freshman-level course designed to give the student ample knowledge of both Physics and Earth Science concepts. First semester will focus on the universe. Focus topics include formation and motion of objects in space, how Earth fits into the universe, the internal processes of the Earth, as well as how human activity affects the natural processes of the Earth. Physics is the term for the study of non-living systems and includes motion, forces, energy, and waves. Physics includes describing and measuring motion; the theory of gravity; energy, work, and power; energy forms; the principles of waves to include sources and properties of light; the principles of electricity, magnetism, and electromagnetism.

BIOLOGY (1 Year – 10) REQUIRED

This sophomore course is designed to give the student a working knowledge of biological concepts and principles; to develop students' attitudes of curiosity and understanding of the natural world in which they live. Process skills, such as inquiry, organization, and interpretation are stressed. The course follows a guided curriculum, progressing from single-cell organisms, through cell reproduction and genetics, microbiology, and into the more complex organism (SYSTEMS). Biology will provide each student with a better understanding and appreciation of themselves, as well as the living world.

- **Prerequisite: Physics in the Universe**

ONE OF THE FOLLOWING CHEMISTRY CLASSES IS REQUIRED FOR JUNIORS:

ADVANCED CHEMISTRY (1 Year – 11)

This chemistry is intended to prepare students for their first college course in chemistry. Topics studied include classifying matter, thermodynamics, structure and properties of matter, chemical reactions, stoichiometry, reaction rates, equilibrium, and nuclear chemistry. Great emphasis is placed on experimentation and mathematical problem-solving. A good mathematical background along with the ability to work cooperatively and independently is desirable. This course is designed for students who are prepared for a more rigorous course and/or are potentially pursuing a career in a STEM field.

- ***Prerequisite: Algebra I (C or higher), Physics and the Universe & Biology***

CHEMISTRY (1 Year – 11)

Students will explore the fundamental principles of chemistry which characterize the structure and properties of matter and how it reacts. Math will be incorporated to understand the basic quantitative nature of chemistry. The topics will be presented to increase awareness and understanding of the role of chemistry in everyday life and environmental issues. This course is not designed to prepare students for STEM related careers. This course is not a good preparation for AP science classes.

- ***Prerequisite: Physics in the Universe and Biology***

PHYSICS (1 Year – 11, 12)

Physics is an explanation of how and why things happen in nature. Heavy emphasis is placed on mathematical problem solving, and the use of algebra and geometry are very important. The topics include subjects such as motion, energy, gravity, waves, light, sound, optics and electromagnetism. Experimentation and application of knowledge are also stressed with students working on physics activities as well as organized lab assignments.

- ***Prerequisite: Algebra II (C or better recommended) or approval of the instructor***

ANATOMY & PHYSIOLOGY (1 Year – 11, 12)

This course is recommended for college-bound students interested in health sciences including coaching, and other related fields. Course content includes the study of the major human body and biological systems. Labs, dissections, and activities enrich lectures and discussions. Students study such topics (but are not limited to) as anatomical terminology, cells, and tissues and typically explore functional systems such as skeletal, muscular, circulatory, respiratory, digestive, reproductive, and nervous systems.

- ***Prerequisite: Biology***

ADVANCED PLACEMENT (AP) CHEMISTRY (1 Year- 11, 12)

This course is designed to be the equivalent of the general chemistry course taken during the first year of college. AP Chemistry is a demanding course and is recommended for students with serious study habits and excellent attendance. The course should contribute to the development of the students' abilities to think clearly and to express their ideas, orally and in writing, with clarity and logic. It is assumed that the student will spend at least five hours a week in unsupervised individual

study. The students may be required to begin their assignments during the summer. A student taking AP chemistry will have the opportunity to take the AP Chemistry exam in May. Many colleges grant credit for a chemistry course and laboratory credit for qualifying work on the examinations and lab notebook. Areas of study include a brief review of regular chemistry, aqueous reactions, solution stoichiometry, thermal chemistry, atomic structure, quantum theory of the atom, periodic properties, chemical bonding, and molecular geometry, bonding theories, gasses, intermolecular forces, chemical kinetics, chemical equilibrium, acid-base equilibrium, electrochemistry, and proper lab techniques.

- ***Prerequisite: Advanced Chemistry & Algebra II (C's or higher in both recommended)***

ADVANCED PLACEMENT (AP) BIOLOGY (1 year – 11, 12)

This is an advanced placement course intended for students with a great interest in biology. There are four big ideas covered throughout the year. Big Idea 1: The process of evolution drives the diversity and unity of life. Big Idea 2: Biological systems utilize free energy and molecular building blocks to grow, reproduce, and maintain dynamic homeostasis. Big Idea 3: Living systems store, retrieve, transmit and respond to information essential to life processes. Big Idea 4: Biological systems interact, and these systems and their interactions possess complex properties. Students may also take the AP test in May. If a student does well on the AP test it is possible to earn college credit.

- ***Prerequisite: C or above in Biology and co-enrolled in Chemistry or have taken Chemistry***

PLTW ENVIRONMENTAL SUSTAINABILITY (1 Year – 11, 12)

This course explores how the biological engineering of organisms can be used to provide environmentally friendly and sustainable solutions to produce affordable, renewable energy; clean, safe drinking water; and nutritious food that is sufficient for a growing world population. This course is a rigorous activity, project, and problem-based course in which students investigate and design solutions to solve real-world challenges related to world food security, renewable energy, and clean drinking water. Students completing this course will develop an understanding of the scientific and technological foundations for each of the problems. Students apply their knowledge and skills as they use an engineering design process to design and test solutions that help solve these global challenges. The four units that will be covered include engineering for a better tomorrow, water, food security and renewable fuels.

- ***Prerequisite: Biology or dual-enrolled in both Biology and Environmental Sustainability***

PLTW PRINCIPLES of BIOMEDICAL SCIENCE (PBS) (1 Semester – 11, 12)

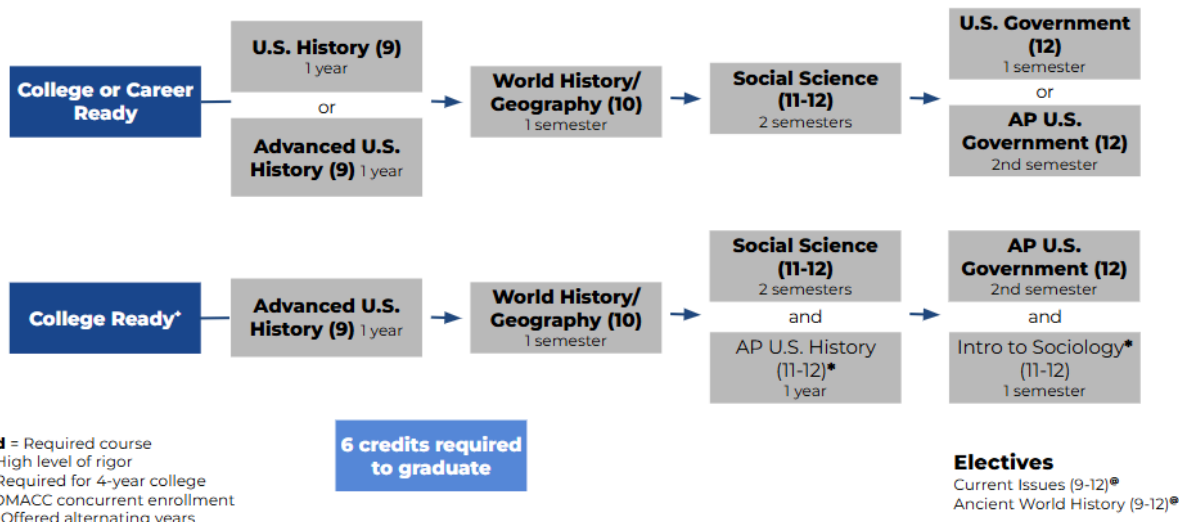
Principles of Biomedical Science (PBS) is a full-year high school course in the PLTW Biomedical Science Program. This course serves to provide foundational knowledge and skills in fields such as biology, anatomy & physiology, genetics, microbiology, and epidemiology as well as engage students in how this content can be applied to real-world situations, cases, and problems. Analyze the evidence found at a crime scene and help the medical examiner uncover clues left on a body to solve a mystery. Question, diagnose, and propose treatment and care for patients in a family medical

practice. Track down the source of a mysterious outbreak at a local hospital. Access and stabilize a patient during an emergency and prepare for medical surge and mobile medical care. Collaborate with professionals in other fields to innovate and design solutions to local and global medical problems. Whether seeking a career in medicine or healthcare or simply looking for the challenge of real-world problems, students in Principles of Biomedical Science will practice how to think creatively and critically to innovate in science and will gain practical experience with experimental design and the design process.

- ***Prerequisite: Biology, Application Process***

SOCIAL STUDIES

SOCIAL STUDIES PATHWAY



Note: While these are the most common pathways, your school counselor can assist in determining which classes best fit your post-graduation goals.

U.S. HISTORY (1 Year – 9) REQUIRED

This course is designed to provide an opportunity for students to better understand how the United States has developed from post-Civil War times to the present. By studying how political, economic, social, and cultural forces have interacted with one another, the students will gain a better understanding of how the United States has risen to a position of power in the world and its role in the world today. Along the way, we learn how to engage with primary sources, graphs, charts, tables, and maps.

ADVANCED U.S. HISTORY (1 Year – 9) REQUIRED IN LIEU OF U.S. HISTORY

This advanced course is designed to provide an opportunity for students who are looking to enrich their understanding of how the United States developed from post-Civil War times to the present. By studying how political, economic, social, and cultural forces have interacted with one another, the students will gain a better understanding of how the United States has risen to a position of power in the world and its role in the world today. Along the way, students learn how to engage with primary sources, graphs, charts, tables, and maps. Students who are interested in this course should be excited about American history, prepared to move at a faster pace, and dive deeper into certain topics such as life after the creation of the atomic bomb, tensions throughout the Gilded Age, and the impact of the Cold War on present day America.

- **Prerequisite - Teacher/counselor approval required**

WORLD HISTORY/GEOGRAPHY (1 Semester – 10) REQUIRED

World History is an in-depth study of our global community's past, emphasizing the people and events that changed past societies, and how these changes affect our modern society. This one semester course will focus on world events from around 1350 C.E. to the Russian Revolution, with special emphasis on the growth of the political, economic, and social

institutions of Europe and the relationship of past events to current situations. We will set the stage with the Middle Ages and then explore the Renaissance and Reformation. Our studies will continue with Exploration, the Age of Absolutism, the Enlightenment, the French Revolution, Nationalism in Europe, the Industrial Revolution, Imperialism, World War I, the Russian Revolution, rise of Totalitarianism, and Decolonization. Geography skills and concepts will be incorporated throughout each unit during the semester.

SOCIAL SCIENCE (2 Semesters – 11, 12) *Semesters of this class can be taken non-consecutively. REQUIRED

In the first semester of this class we will apply psychological, sociological, and economic methods of inquiry, analysis, evaluation, and argumentation to different contemporary social issues. The class will be made up of issue-driven units and will allow students to engage with these issues in ways that open up their understanding of how humans move through the world as individuals, as members of social groups, and as agents in systems of exchange. Our goal is to provide students with the tools they need to understand the social issues that affect their lives.

In this class's second semester, we'll do the same things as in the first semester with different topics. We will apply psychological, sociological, and economic methods of inquiry, analysis, evaluation, and argumentation to different contemporary social issues. The class will be made up of issue-driven units and will allow students to engage with these issues in ways that open up their understanding of how humans move through the world as individuals, as members of social groups, and as agents in systems of exchange. Our goal is to provide students with the tools they need to understand the social issues that affect their lives.

U.S. GOVERNMENT (1 Semester – 12) REQUIRED

This course is designed to help students gain a better understanding of a democratic government, its creation, and the role of a citizen within a democracy. Emphasis is placed upon the three branches of government (Legislative, Executive, and Judicial) and the current affairs of these branches..

- ***Prerequisite: American History or Advanced American History***

AP U.S. GOVERNMENT AND POLITICS (2nd semester - 12) REQUIRED IN LIEU OF U.S. GOVERNMENT

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behavior. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project. Curriculum is aligned with the recommended Advanced Placement curriculum and will prepare students to take the AP U.S. Government and Politics Exam in the spring.

AP U.S. HISTORY (1 Year- 11, 12; Concurrent enrollment in DMACC HIS 151 and 152)

An advanced survey of the main themes of American history from the Precolonial period to the present, with emphasis on the political, social, cultural, and economic aspects and processes of the different eras. The curriculum is aligned with the recommended Advanced

Placement curriculum and will prepare students to take the AP US History test in the Spring, which will be a required part of the class. Students will be enrolled in and receive credit for two DMACC concurrent enrollment courses (HIS 151 and 152) as part of participating in the class (no extra work required).

ANCIENT WORLD HISTORY (1 Semester – 9, 10, 11, 12)

Ancient World History is an in-depth study of our global community's ancient past, emphasizing the people and events that changed past societies, and how these changes affect our modern society. Units studied include:

1. The Rise of Civilization
2. Spread of Civilization
3. Early Empires in the East
4. The Ancient Greeks
5. India's First Empires
6. The First Chinese Empires
7. The Romans
8. The Byzantine Empire and Emerging Europe
9. Islam and the Arab Empire
10. Medieval Kingdoms in Europe and Africa
11. The civilization of East Asia
12. The Crusades and Culture in the Middle East
13. Pre-Columbian Empire

CURRENT ISSUES (1 Semester – 9, 10, 11, 12)

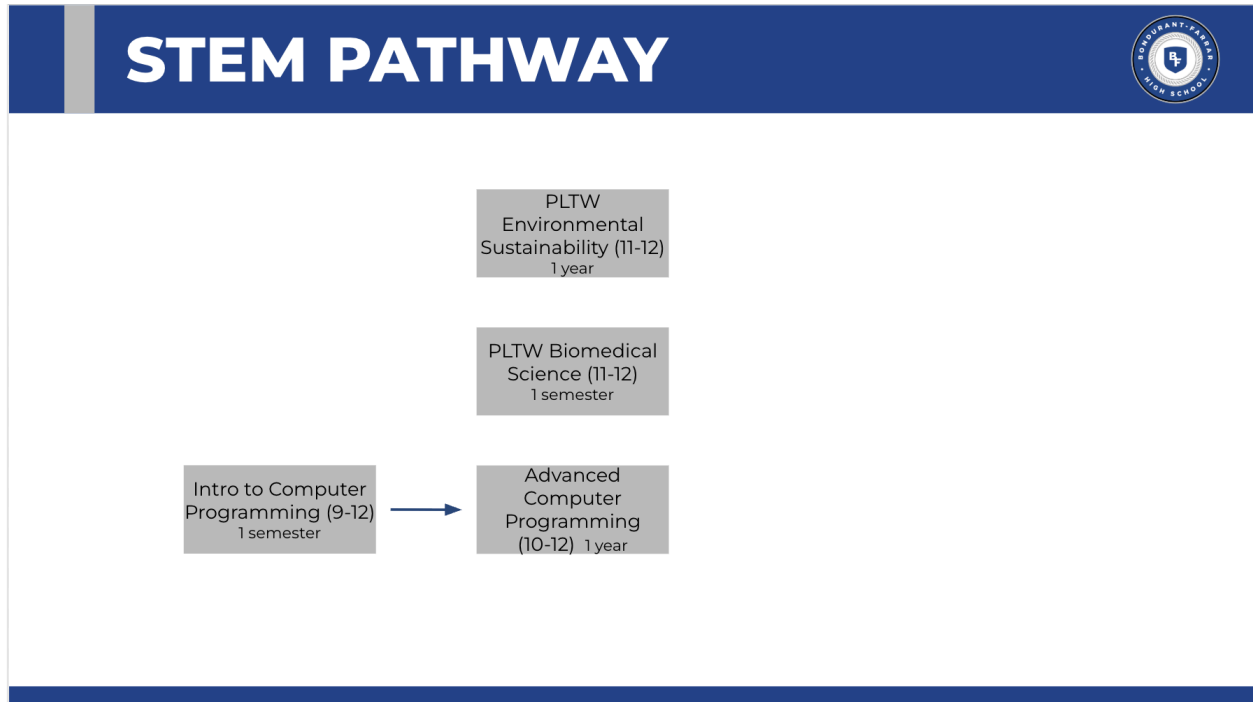
This course will be an in-depth analysis of the key issues that have arisen over the last half-century of American and World History. Particular attention will be shown to the last twenty-five years. The learner will be able to establish cause and effect relationships, create opinions, debate the future of world events, and develop solutions to these issues.

INTRODUCTION TO SOCIOLOGY (1 Semester - 11, 12; Concurrent enrollment in DMACC SOC 110)

This semester-long, college-level course will be an introduction to the basic concepts in sociology: the study of human interactions and group dynamics at all scales. Why do people do what they do? Why is there conflict? Why is there cooperation? How should we understand our place in the world? And why do things change? Sociology attempts to provide answers to these questions and others by applying scientific methods to the study of human thought and behavior. This course will be a DMACC concurrent enrollment course, counting as "Introduction to Sociology".

STEM CLASSES

Stem programs emphasize critical thinking, creativity, innovation and real-world problem-solving. The hands-on learning engages students on multiple levels, exposes them to areas of study that they may not otherwise pursue, and provides them with a foundation and proven path to post-secondary training and career success in STEM (Science, Technology, Engineering, Math)-related fields. Courses are designed to make the critical connections between STEM principles and solving the real challenges in our communities and the world.



INTRO TO COMPUTER PROGRAMMING (1 Semester - 9, 10, 11, 12)

This course will give students a strong foundation of programming skills and problem-solving using the Python programming language. This course will emphasize proper programming practices, problem analysis, and logical thinking. Students will learn programming syntax and techniques that will be transferable to other programming languages. This course is an excellent option for students who are interested in engineering, coding, or information technology. No prior knowledge of programming is necessary.

- ***Prerequisite: Algebra I (successful completion)***

ADVANCED COMPUTER PROGRAMMING (1 Year - 10, 11, 12)

This course introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than a traditional introduction to programming, it is a rigorous, engaging, and approachable course that explores many of the foundational ideas of computing so all students understand how these concepts are transforming the world we live in. Students will learn skills in the Java programming language.

- ***Prerequisite: Intro to Computer Programming***

VOCAL MUSIC

VOCAL MUSIC PATHWAY



Concert Choir (9-12)
2 semesters

Select Choir* (9-12)
2 semesters

* = Auditioned group

CONCERT CHOIR (2 Semesters – 9, 10, 11, 12)

Mixed Chorus is open to all students 9-12 and meets daily. No prior singing experience is required. Music educational goals are met through daily rehearsal, individual lessons, and written and singing assessments. A wide variety of opportunities are available for members including Fall, Winter, and Spring Concerts, Variety Show, Musical, Solo/Ensemble Contest, Large Group Contest, and other various Honor Choirs. Individual lessons are provided and required for all chorus members.

SELECT CHOIR (2 Semesters – 9, 10, 11, 12)

This is an auditioned group of approximately 24-30 singers performing as a select vocal ensemble. The course objectives and goals consist of healthy vocal techniques, aspects of performance, and music theory. Students will discover a cappella, contemporary singing within a smaller group of core singers, and build on independent musicianship. Students will be challenged through sight-singing, reading music notation, improving their aural skills, and be the premier vocal performance ensemble at Bondurant-Farrar. Individual lessons are provided and required for all chorus members.

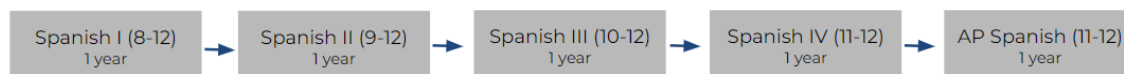
- ***Prerequisite: This group is by audition only and teacher permission. Students will re-audition each year.***

WORLD LANGUAGES

WORLD LANGUAGE PATHWAY



Spanish



Chinese



SPANISH I (1 Year – 9, 10, 11, 12)

This course provides an introduction to the language and culture of the Spanish speaking world. Emphasis will be placed on the student attaining an acceptable degree of proficiency in the four skills of listening, speaking, reading, and writing. Culture is presented in conjunction with these four skills. This course is strongly recommended for the college-bound student and also for any student interested in learning a second language.

SPANISH II (1 Year – 9, 10, 11, 12)

A continuation of Spanish I, this course presents the more complex structures of basic Spanish and expands cultural themes of the first level. Key vocabulary and structures necessary for personal communication are emphasized, as well as acquiring an appreciation of the breadth and variety of the Spanish-speaking world.

- ***Prerequisite: Recommended C or higher between both semesters of Spanish I or with teacher approval***

SPANISH III (1 Year – 10, 11, 12)

A continuation of Spanish II, this course will continue to emphasize grammar, listening, speaking, reading and writing skills in Spanish. Students will engage in spontaneous speaking to develop fluency skills. Culture will continue to be an integral part of the program.

- ***Prerequisite: Recommended C or higher between both semesters of Spanish II or with teacher approval***

SPANISH IV (1 Year – 11, 12)

This course will emphasize the study of Hispanic literature (short stories, novel excerpts) and telenovelas. Students will continue to have the opportunity to write

(journals, theme papers, papers in response to literature), converse, and study cultural material.

- ***Prerequisite: Recommended C or higher between both semesters of Spanish III or with teacher approval***

AP Spanish: Language and Culture (1 Year – 11, 12)

This course provides the opportunity to earn college credit. AP Spanish Language and Culture is equivalent to an intermediate level college course in Spanish. Students cultivate their understanding of Spanish language and culture by applying interpersonal, interpretive, and presentational modes of communication in real life situations as they explore concepts related to families and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges.

- ***Prerequisite: Recommended B- between both semesters of Spanish IV. Or, recommended B- in Spanish III and concurrent enrollment in Spanish IV or with teacher approval.***

CHINESE I (1 Year – 9, 10, 11, 12)

This beginning class introduces students to the official language of China, Mandarin. Lessons will be centered on oral skills and include listening, reading and writing. Vocabulary, grammar and important cultural themes will be developed throughout the year. Students will gain a greater appreciation for the cultural differences of China as well as the vastly unique writing structure. Students will begin by interacting with practical exercises that will form the basis of conversation in Mandarin. The environment surrounding the students will be drawn upon to engage learners and develop a meaningful dialog. Exercises will be developed around individuals, pairs, and small groups as a way to engage each learner.

CHINESE II (1 Year – 10, 11, 12)

Level 2 will expand and build upon skills developed in level one. Students will be given challenging vocabulary and grammar structures that will help them to develop enhanced skills in speaking, listening and reading. Poems and short articles will be used to challenge students while practical exercises will engage and motivate learning. Students will develop and enhance their personal ability to communicate in Mandarin while mentoring one another in pairs and small groups. Practical language use will be emphasized along with an expanded view of the important cultural relevance of communication in Mandarin.

- ***Prerequisite: Chinese I***

CHINESE III (1 Year – 11, 12)

Level 3 Topics for this level include transportation, food, drink, weather and travel. Students will continue to expand their knowledge of Chinese culture. New vocabulary will be introduced with a focus on enhancing pronunciation. The textbook will have less pinyin to encourage students to memorize characters. Chinese idioms will be introduced to students and used throughout this level.

- ***Prerequisite: Chinese II***

CHINESE IV (12)

This course will emphasize the study of Chinese literature (short stories, novel excerpts). Students will engage in spontaneous speaking to develop fluency skills.


Students will continue to have the opportunity to write (theme papers), converse, and study cultural material.

- ***Prerequisite: Chinese III***


RAI APPROVED COURSE LIST

Admission to Iowa, Iowa State, and UNI using the Regent Admission Index (RAI) will use the following approved courses to compute admission requirements and the RAI score. The RAI score is figured using an ACT score, student GPA, and the number of core courses. School counselors are able to help students figure their RAI score for admission. Find approved courses [here](#) or below.

Please note that there are some DMACC classes that are dual credit courses and also count towards the RAI score. On the core course list, these courses are followed by [XXX123].



2025 RAI Core Course List



IOWA STATE UNIVERSITY

University of Northern Iowa

THE UNIVERSITY OF IOWA

Admission of freshmen to the Iowa Regent universities is based on the Regent Admission Index (RAI) formula described below. In addition, applicants must meet the minimum high school course requirements for the university they wish to enter.
 (3 x ACT composite score)
 + (30 x high school GPA)
 + (5 x number of years of high school core course(s))

 Regent Admission Index Score

Note: For purposes of calculating the RAI, SAT scores will be converted to ACT composite equivalents, 4.00 is the top value for GPA, and the number of high school core courses completed is expressed in terms of years or fractions of years (e.g., one semester equals 0.5 year). Applicants who do not possess all required factors will be evaluated on an individual basis by the Regent universities to which they apply.

Freshman applicants who achieve at least a 245 RAI score and who meet the minimum number of high school courses required by the Regent universities will qualify for automatic admission to any of the three Regent universities. Freshman applicants who achieve less than a 245 RAI score may also be admitted to a specific Regent university; however, each Regent university will review these applications on an individual basis and the admission decision will be specific to each institution.

BONDURANT-FARRAR HIGH SCHOOL, BONDURANT, CORE COURSES APPROVED FOR RAI
Source: 2024-2025 SRI Winter data. (Note: course numbers in parentheses refer to community college course numbers.)

English	Yrs ^a Math	Yrs ^b Science	Yrs ^c Social Studies	Yrs ^d World Languages	Yrs ^e Computer Science	Yrs ^f					
American Lit since Mid-1800's [LIT111]	0.5	Algebra 1	1	Adv. Chemistry	1	Abnormal Psychology [PSY241]	0.5	AP Spanish Lang & Cultures	0.5		
American Lit to Mid-1800's [LIT110]	0.5	Algebra 1B	0.5	Anatomy & Physiology	1	Adv. American History	1	Chinese 1	1		
AP English Lang & Comp	1	Algebra 2	1	AP Biology	1	African American History [HIS257]	0.5	Chinese 2	1		
AP English L&C Comp	1	AP Calculus AB	1	AP Chemistry	1	American Government	0.5	Chinese 3	1		
Children's Lit [LIT105]	0.5	Calculus I [MAT211]	0.5	Astronomy [PHI512]	0.5	American History	1	Chinese 4	1		
Composition I [ENG105]	0.5	College Algebra [MAT121]	0.5	Biology	1	American Nat'l Govt [POL111]	0.5	Spanish 1	1		
Composition II [ENG106]	0.5	Geometry	1	Chemistry	1	Ancient World History	0.5	Spanish 2	1		
Creative Writing	0.5	Statistics & Probability	1	Env. Sci Lab [ENV116]	0.5	AP U.S. Government	0.5	Spanish 3	1		
Creative Writing [ENG221]	0.5	Statistics [MAT156]	0.5	Env. Sci [ENV115]	0.5	AP U.S. History (151) [HIS151]	0.5	Spanish 4	1		
English 09	1	Trigonometry/Precalculus	1	General Chemistry I [CHM165]	0.5	AP U.S. History (152) [HIS152]	0.5				
English 10	1			Human Anat & Phys I [BIO168]	0.5	Comparative Govt & Politics [POL125]	0.5				
English 11	1			Intro to General Chemistry [CHM122]	0.5	Current Issues	0.5				
English 12	0.5			Marine Biology I [BIO225]	0.5	Developmental Psychology [PSY121]	0.5				
Fund of Oral Comm [SPC101]	0.5			Physics	1	Educational Psychology [PSY281]	0.5				
Intro to Lit [LIT101]	0.5			Physics in the Universe	1	Human Origins [ANT202]	0.5				
Metaphysics	0.5					Human Sexuality [PSY281]	0.5				
Science Fiction [LIT166]	0.5					Inter/Nat'l Relations [POL121]	0.5				

DMACC COURSE OFFERINGS

DMACC face-to-face classes will be evaluated on an individual basis with the student's school counselor.

DMACC Online Course Offering: Online Course Selection Advice

Below are [online course options](#) that will meet a core requirement for an Associate of Arts (AA) Degree at DMACC. If you are planning to attend a college other than DMACC after high school graduation, you will want to discuss coursework with that future institution early in the process to maximize credit transferability. Courses below that are marked with an asterisk * also meet the criteria to transfer as a core course at all 3 Regent Universities (Iowa, ISU, and UNI). If a course does not have an *, it could still transfer to a regent or other institution but wasn't identified at all 3 collectively. If you are planning to transfer to a 4-year college/university, this link may also be helpful in your course selection:

<https://www.dmacc.edu/transfer/Pages/transfer-degree.aspx>

Please visit our website at www.dmacc.edu for course descriptions.

If the DMACC course(s) is one of the student's academic course(s) per board policy, the student may not drop the DMACC course(s) after BFHS's three (3) day drop/add period at the beginning of each semester. Students who are able to withdraw from a DMACC class during DMACC's drop/add period, will receive a

withdraw (“W”) or “F” on their BFHS transcript per DMACC’s drop/add policy. DMACC classes count into the BFHS CUM GPA and are for elective credit only. (*Prerequisite courses are BFHS courses.*)

Communications – 9 credits needed

- SPC101 - Fundamentals of Oral Communication – 3 credits *
- ENG105- Composition I - 3 credits
- ENG106- Composition II- 3 credits

Social & Behavioral Sciences – 9 credits needed

(must complete at least 3 courses. Each course must be from a distinct/different discipline)

- ANT105 – Cultural Anthropology – 3 credits *
- ECN120 – Principles of Macroeconomics – 3 credits *
- ECN130 – Principles of Microeconomics- 3 credits *
- GEO111 – Intro to Geography – 3 credits *
- GEO124 – Regional Geography – 3 credits *
- HIS112 – West Civ: Ancient to Early Modern – 4 credits *
- HIS113 – West Civ: Early Modern to Present – 4 credits *
- HIS257 – African American History – 3 credits *
- JOU110 – Intro Mass Media – 3 credits
- POL111 – American National Government – 3 credits *
- POL112 – American, State, and Local Government – 3 credits
- POL121 – International Relations – 3 credits *
- POL171 – Intro to Public Administration – 3 credits
- PSY111 – Intro to Psychology – 3 credits *
- PSY121 – Developmental Psychology – 3 credits *
- PSY241 – Abnormal Psychology – 3 credits *
- PSY251 – Social Psychology – 3 credits *
- PSY261 – Human Sexuality – 3 credits
- SOC115 – Social Problems – 3 credits *
- SOC120 – Marriage and Family – 3 credits *
- SOC200 – Minority Group Relations – 3 credits

Mathematics and Sciences – 9 credits (1 course must be Science with Lab and 1 Math course)

- ANT202 – Human Origins – 3 credits *
- ENV115 – Environmental Science – 3 credits *
- ENV116 – Environmental Science Lab – 1 credit *
- MAT110 – Math for Liberal Arts – 3 credits *
- MAT114 – Elementary Educators Math I – 3 credits
- MAT116 – Elementary Educators Math II – 3 credits
- MAT157 – Statistics – 4 credits *
- MAT141 – Finite Math – 4 credits *
- MAT162 – Principles of Business Stats – 4 credits *
- MAT166 – Calculus for Business/Social Sciences – 4 credits *
- MAT211 – Calculus – 5 credits *
- MAT217 – Calculus II – 5 credits *
- PHS152 – Astronomy – 4 credits *

Humanities – 9 credits

- ART101 – Art Appreciation – 3 credits *
- DRA101 – Intro to Theater – 3 credits *
- HIS112 – Western Civ – Ancient to Early Modern – 4 credits *
- HIS113 – Western Civ – Early Modern to Present – 4 credits *
- HUM116 – Encounters in Humanities – 3 credits
- HUM120 – Intro to Film – 3 credits
- LIT101 – Intro to Literature – 3 credits *
- LIT110 – American Literature to Mid 1800's – 3 credits *
- LIT111 – American Literature since Mid-1800's – 3 credits *
- LIT166 – Science Fiction – 3 credits
- LIT185 – Contemporary Literature – 3 credits
- LIT188 – Detective Fiction – 3 credits
- LIT190 – Women Writers – 3 credits
- LIT193 – Humor in Literature – 3 credits
- MUS100 – Music Appreciation – 3 credits
- MUS202 – World Music – 3 credits
- PHI101 – Intro to Philosophy – 3 credits
- PHI105 – Intro to Ethics – 3 credits *
- PHI110 – Intro to Logic- 3 credits *
- REL101 – Intro to Religion – 3 credits *

Electives – 18 credits – Recommended electives as a good fit for high school students who are exploring:

- BUS102 – Intro to Business – 3 credits
- CRJ100 – Intro to Criminal Justice – 3 credits
- ECE103 – Intro to Early Childhood Education – 3 credits
- FIN121 – Personal Finance – 3 credits
- HSC114 – Medical Terminology – 3 credits
- PEC110 – Coaching Ethics – 1 credit
- PEH110 – Personal Wellness – 1 credit
- PEH190 – Sports Nutrition – 2 credits

Diversity Requirement – 1 course is required, but this course may count in the areas above as well.

- ANT105 – Cultural Anthropology – 3 credits *
- GEO111 – Intro to Geography – 3 credits *
- GEO124 – Regional Geography – 3 credits *
- HIS112 – West Civ: Ancient to Early Mod – 4 credits *
- HIS113 – West Civ: Early Modern to Present – 4 credits *
- HIS257 – African American History – 3 credits
- LIT101 – Intro to Literature – 3 credits *
- LIT111 – American Literature since Mid 1800 – 3 credits *
- MGT145 – Human Relations In Business – 3 credits
- PEH178 – Sports Diversity – 3 credits
- POL111 – American National Government – 3 credits *
- POL121 – International Relations – 3 credits *
- PSY241 – Abnormal Psychology – 3 credits *
- PSY251 – Social Psychology – 3 credits *
- REL101 – Intro to Religion – 3 credits *

- SOC115 – Social Problems – 3 credits *

DMACC CAREER ACADEMY

Ankeny Campus

2026-2027 Schedule will release in Feb 2026

AUTO COLLISION

This program introduces students to the highly technological industry of Auto Collision and Repair. Students will gain experience in the areas of basic shop operations and procedures, welding, painting and shop safety. Fifteen DMACC credits are available upon completion of all DMACC Career Academy course offerings. Times available: M–F, 8:00–10:00 a.m.

COURSES INCLUDE:

Basic Shop Safety (CRR150).....	1 credit (1st Sem)
Intro to Collision Repair (CRR406).....	5 credits (1st Sem)
Collision Repair Equipment (CRR408).....	2 credits (1st/2nd Sem)
Intro to Refinishing (CRR520).....	5 credits (2nd Sem)
Employability Skills (WBL110).....	2 credits (2nd Sem)

AUTOMOTIVE TECHNOLOGY

The Automotive Technology program is designed to prepare students for employment in the automotive service industry. This technological program enables students to gain experience with shop tools, automotive engines and electricity. Twelve DMACC credits are available upon completion of all DMACC Career Academy course offerings. A second year of programming is available for returning students by arrangement. Times available: M–F, 7:45–9:45 a.m. or 12:45–2:45 p.m.

COURSES INCLUDE:

Intro to Auto Technology I (AUT111).....	6 credits (1st Sem)
Intro to Auto Technology II (AUT112).....	6 credits (2nd Sem)

BUSINESS

The Business Academy is an exploratory academy for students who have an interest in entering the business profession but not sure what pathway they want to go. Students are provided a foundation of courses that will prepare them for entrance into multiple business- related postsecondary opportunities. Fourteen DMACC credits are available upon completion of all DMACC Career Academy course offerings. Times available: M–F, 12:50-2:50 p.m.

COURSES INCLUDE:

Intro to Business (BUS102).....	3 credits (2nd Sem)
Personal Finance (FIN121).....	3 credits (1st Sem)
Transition to College (SDV129).....	1 credits (1st Sem)
Principles of Marketing (MKT110).....	3 credits (2nd Sem)
Principles of Management (MGT101).....	3 credits (2nd Sem)
Exploring Careers (WBL110).....	1 credit (2nd Sem)

COMPUTER-AIDED DESIGN TECHNOLOGY

If you're a dependable team member with mechanical aptitude, attention for detail, and analytical thinking, CAD Tech could be for you. Careers are available in computer-aided design(CAD), including drawing in both two-dimensional and three-dimensional realms, designing new products, creating models, and more. Through DMACC's CAD technology program, you'll learn how to use a variety of software packages, create prototypes, practice reverse engineering, perform geometric dimensioning, and more. Twelve DMACC credits are available upon completion of all DMACC Career Academy course offerings. Times available: M-F 1:00-3:40 p.m.

COURSES INCLUDE:

CAD Graphics I (CAD151)..... 6 credits (1st Sem)
CAD Graphics II (CAD152)..... 6 credits (2nd Sem)

COMPUTER PROGRAMMING

Students have the opportunity to sign up for courses that provide an introduction to the latest in computer science and programming. Eighteen DMACC credits are available upon completion of all DMACC Career Academy course offerings. Times available: M-F, 7:45-9:45 a.m.

COURSES INCLUDE:

Intro to Programming Logic w/Logic (CIS125)..... 3 credits (1st Sem)
C# (CIS169).....3 credits (1st Sem)
Introduction to Database (CIS303)..... 3 credits (1st Sem)
Advanced C# Programming (CIS174)..... 3 credits (2nd Sem)
Database and SQL (CIS332)..... 3 credits (2nd Sem)
Computer Science Project App (CIS943)..... 3 Credits (2nd Sem)

CRIMINAL JUSTICE

The Criminal Justice program introduces students into the field of criminal justice and a survey of its agencies, as well as an introduction to criminology and juvenile delinquency. This program prepares students to consider a career of service in a variety of areas, and lays the foundation of a college major of criminal justice. Twelve DMACC credits are available upon completion of all DMACC Career Academy course offerings. Times available: M-F, 7:45-9:45 a.m. or 12:50-2:35 p.m.

COURSES INCLUDE:

Intro to Criminal Justice (CRJ100)..... 3 credits (1st Sem)
Criminal Investigations (CRJ141)..... 3 credits (1st Sem)
Criminal Justice Report Writing (CRJ293).....3 credits (1st Sem)
Survey of Criminal Justice Agencies (CRJ107)..... 3 credits (2nd Sem)
Juvenile Delinquency (CRJ201)..... 3 credits (2nd Sem)
Transition to College (SDV129)..... 1 credit (2ndSem)

CULINARY ARTS

Through hands-on experience, you will learn the scientific principles used in food preparation, the hospitality industry, and the fundamentals of dining and sanitation. Twelve DMACC credits are available upon completion of all DMACC Career Academy course offerings. A second year of programming is available for returning students by arrangement.

Times available: M–F, 7:45–9:45 a.m. or 12:45–2:45 p.m.

COURSES INCLUDE:

Food Preparation I (HCM143).....	3 credits (1st Sem)
Food Preparation Lab I (HCM144).....	3 credits (1st Sem)
Food Preparation II (HCM152).....	2 credits (2nd Sem)
Food Preparation Lab II (HCM153).....	2 credits (2nd Sem)
Sanitation & Safety (HCM100).....	2 credits (2nd Sem)
Nutrition (HCM231).....	2 credits (2nd Sem)

DIESEL TECHNOLOGY

This program prepares students for a career in the area of diesel repair. Instruction is in the repair, maintenance and testing of diesel engines, power trains and components of trucks and construction equipment. Twelve DMACC credits are available upon completion of all DMACC Career Academy course offerings.

Times available: M–F, 12:45–2:45 p.m.

COURSES INCLUDE:

Hydraulics & Brakes (DSL606).....	6 credits (1st Sem)
Power Trains I (DSL546).....	6 credits (2nd Sem)

DIGITAL MARKETING (NEW)

This program gives students an overview of the digital marketing tools and channels used by businesses and marketing agencies to communicate with customers. Students will gain a foundation of marketing principles and more specialized training that prepares them for a career in digital marketing. Courses cover social media, search engine optimization, customer relationship management, email marketing, web development and content marketing.

Fourteen DMACC credits are available upon completion of all DMACC Career Academy course offerings. Times available: M–F, 12:50–2:50 p.m.

COURSES INCLUDE:

Principles of Marketing (MKT110).....	3 credits (1st Sem)
Digital Marketing (MKT121).....	3 credits (1st Sem)
Transition to College (SDV129).....	1 credit (1st Sem)
Principles of Advertising (MKT150).....	3 credits (2nd Sem)
Social Media Marketing (MKT131).....	3 credits (2nd Sem)
Exploring Careers (WBL100).....	1 credit (2nd Sem)

EMERGENCY MEDICAL TECHNICIAN (EMT)

The Emergency Medical Technician program provides students with fundamental knowledge and skills needed to provide lifesaving services to your community. In

EMT, students will function in uncommon and high stress situations by performing comprehensive patient assessments, obtain vital signs, control hemorrhaging, bandage wounds, administer cardiopulmonary resuscitation, including use of automated external defibrillators and provide prehospital emergency medical care of simple and multiple system injuries. Seven DMACC credits are available upon completion of all DMACC Career Academy course offerings.

*Students will have the opportunity to enroll either Fall or Spring.

*Students must be 17 years of age by the first day of class.

*In addition to classroom time, students will be required to attend clinical and field rotations during the course of the class which will require an investment of approximately 48 hours outside of the normal classroom hours. Students will also have to complete a criminal background check and be CPR Certified required before the course begins. Must be American Heart Association or American Red Cross Basic Life Support for Professional Rescuer/Healthcare Provider. Times available: M–F 7:45–9:45 am (Fall or Spring Semester)

COURSES INCLUDE:

EMS 214 Emergency Medical Technician..... 6 credits (1st Sem or 2nd Sem)
Exploring Careers (WBL100)..... 1 credit (1st Sem or 2nd Sem)

FASHION

Immerse yourself in a dynamic, creative environment with other students who are passionate about the apparel and interior fashion industry. Whether you want to design, learn the business, or discover the latest trends, we'll help you find your place in the fashion industry. Twelve DMACC credits are available upon completion of all DMACC Career Academy course offerings.

Times available: M–F, 12:05–2:15 p.m.

COURSES INCLUDE:

Fashion Industry Analysis (APP261)..... 3 Credits (1st Sem)
Interior Design Analysis (INT124)..... 3 Credits (1st Sem)
Textile Science (APP209)..... 3 Credits (2nd Sem)
Visual Merchandising Studio (APP235)..... 3 Credits (2nd Sem)

HEALTH OCCUPATIONS

This program will provide students the opportunity to explore careers in health care and work toward CNA training. Seven DMACC credits are available upon completion of all DMACC Career Academy course offerings. Times available: M–F, 7:45–9:45 a.m. or 12:45–2:45 p.m.

*Students will have the opportunity to enroll either Fall or Spring.

COURSES INCLUDE:

Nurse Aide 75 Hours* (HSC172)..... 3 credits (1st Sem or 2nd Sem)
Healthcare Career Exploration Course (NEW)..... 4 credits (1st Sem or 2nd Sem)

*Courses require extended clinical sessions in evenings and/or weekends.

*Students will also have to complete a criminal background check

MACHINE OPERATIONS/TOOL & DIE

Students will learn the basics of welding, automation, machine tool operation (CNC), computer-aided drafting and design (CAD), and other workplace skills. Eleven DMACC credits are available upon completion of all DMACC Career Academy course offerings. Times available: M–F, 12:45–2:45 p.m.

COURSES INCLUDE:

Machine Trade Print Reading I (MFG121)..... 2 credits (1st Sem)
Engine Lathe Theory (MFG250)..... 1 credit (1st Sem)
Engine Lathe Operations Lab (MFG251)..... 2 credits (1st Sem)
Machine Shop Measuring (MFG105)..... 3 credits (2nd Sem)
Mill Operations Theory (MFG260)..... 1 credit (2nd Sem)
Mill Operations Lab (MFG261)..... 2 credits (2nd Sem)

PATIENT ACCESS SPECIALIST

The Patient Access Specialist Certificate program prepares students for working in a variety of healthcare settings. A Patient Access Specialist is the initial point of contact for registering patients who are entering a health care facility and serves as an advocate for both the patient and the organization. Sixteen DMACC credits are available upon completion of all DMACC Career Academy course offerings. Coursework is completed online.

COURSES INCLUDE:

Medical Terminology (HSC114)..... 3 credits (1st Sem)
Medical Insurance (MAP141).....3 credits (1st Sem)
Intro Computer Business Applications (BCA212).....3 credits (1st Sem)
Intro to Keyboarding (ADM105)..... 1 credit (2nd Sem)
Customer Service Healthcare (ADM147)..... 3 credits (2nd Sem)
Medical Administrative Procedures (MAP220)..... 3 credits (2nd Sem)

SCIENCE

The DMACC Science Academy is for exceptional science students wishing to pursue college level Biology, Chemistry, Math and Physics courses while in high school. Completing these challenging courses while in high school gives students the opportunity to take more advanced science and math coursework sooner in college. This could potentially open doors to be ahead of fellow students in obtaining advanced undergraduate research projects or obtaining a coveted internship. Two blocks of coursework are available. Students can choose one or two blocks depending upon their availability. Times available: M-F, TBD

COURSES INCLUDE:

BLOCK 1

General Chemistry (CH165)..... 4 credits (1st Sem)
Statistics (MAT156).....3 credits (1st Sem)
General Chemistry II (CHM175)..... 4 credits (2nd Sem)

BLOCK 2

General Physics (PHY160).....	5 credits (1st Sem)
General Biology (BIO112).....	4 credits (1st Sem)
General Physics II (PHY161).....	5 credits (2nd Sem)
General Biology (BIO113).....	4 credits (2nd Sem)

CENTRAL CAMPUS - DES MOINES

Students at Bondurant-Farrar High School have the option of attending classes at Central Campus on a half-day basis. Central Campus offers courses in twenty-five vocational/technical areas. Some areas have prerequisites that must be taken before a student can attend Central Campus

Students who choose to attend Central Campus attend two or three periods in the morning or afternoon. Students must provide their own transportation. For more information contact your school counselor.

NCAA DIVISION I & DIVISION II CLEARINGHOUSE REQUIREMENTS

Freshman-Eligibility Standards for Division I & Division II Colleges & Universities

All Student-Athletes Must Register with the NCAA Initial-Eligibility Clearinghouse. For more information visit: www.ncaa.org or www.ncaaclearinghouse.net. Here is the list of the NCAA Approved Classes that BFHS offers. Please see your school counselor with any questions about NCAA eligibility.

English 9 English 10 English 11 AP Lang & Comp AP Lit & Com Creative Writing Mythology Speech I Speech II	Physics in the Universe Biology Chemistry Advanced Chemistry Anatomy & Physiology PLTW Environmental Sustainability AP Biology AP Chemistry Physics	Algebra I Geometry Algebra II Trig/Pre-Calc Stats & Probability AP Calculus
U.S. History Advanced U.S. History World History/Geography Social Science Current Issues Ancient World History Introduction to Sociology AP U.S. History	Spanish I Spanish II Spanish III Spanish IV AP Spanish Chinese I Chinese II Chinese III	

U.S. Government AP U.S. Government	Chinese IV	
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NAIA ELIGIBILITY REQUIREMENTS

If you want to play at a NAIA college, they also have eligibility that must be completed, please check out the NAIA website for more information:

<http://www.playnaia.org/eligibility-center>

EXTRA-CURRICULAR ACTIVITIES

School-Sponsored Activities

Art Shows & Contest	DECA	National Honor Society
Baseball	Fall Play	Pep Band
Basketball	FCCLA	Soccer
Bowling	FFA	Softball
Cheer	Football	Spring Musical
Choir	Golf	Student Council
Color Guard	Ind/Large Group Speech	Swimming (SEP)
Concert Band	Jazz Band	Track & Field
Cross Country	Jazz Choir	Volleyball
Dance	Marching Band	Wrestling
	Music Solo & Ensemble	
	Contest	

School-Approved Clubs & Activities

Archery	Mentoring
FCA	Robotics Club
Gaming Club	Spanish Club
GSA	

*This handbook approved by the BFCSD Board of Education on **October 27, 2025**