



# **Starmont High School**

## **Curriculum Guide Book**

### **2022-2023**

Starmont High School  
3202 40th Street  
Arlington, IA 50606  
563.933.2218 (p)  
563.933.2134 (f)

# WELCOME TO STARMONT HIGH SCHOOL

This Curriculum Guide contains Graduation Requirements, Course Descriptions, and Recommended Programs of Study.

When selecting courses, please consider the following:

- Graduation Requirements
- Student's Abilities
- Student's Post-High School Plans
- Time availability: class load + activity schedule

We are proud to offer a quality educational program for all students at Starmont High School. Please take time to consult this Curriculum Guide and contact the teaching, counseling and administrative staff for additional information.

## **Administrators and Counseling Staff**

Shauna Koppenhaver	Principal
Daren Huisenga	Athletic/Activities Director
Angela Bergan	Counselor

## **Affirmative Action Policy**

It is the policy of the Starmont 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 Superintendent at 3202 40th St, Arlington, IA 50606 or (563)933-4598.

The Starmont Community School District offers career and technical programs in the following service areas: Agriculture, Business, Family Consumer Science and Industrial Technology.

:

Equity Director  
3202 40th Street  
Arlington, Iowa 50606  
563.933.2218

Civil Rights Compliance Officer  
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Affirmative Action Coordinator  
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Special Education and 504 Coordinator  
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**Starmont High School    “HOME of the Stars”**  
**3202 40th Street, Arlington, Iowa 52761    (563) 933.2218**

Dear Students and Parents,

Starmont High School is a wonderful place to be a student where your academic coursework prepares you to reach your future goals. Registering for next year’s courses is a part of that experience.

The 2022-2023 edition of the Starmont Curriculum Guide is an important resource for students and parents, which we hope will assist you in making good course choices.

As you page through the Curriculum Guide, you will find that the guide is divided into two distinct sections. The first contains general information about such topics as graduation requirements, dropping and adding courses, schedule changes, and college admission requirements. The second section provides descriptions of all course options available to students, worksheets for course selection, and the four-year plan.

We suggest that you view the registration process in the broad scope of a four-year plan as you reflect on your personal strengths, interests and future plans. Parents, teachers, and your counselor will guide you through this process. We encourage you to make careful consideration of the opportunities available to you so that you are able to make the best use of the academic opportunities available to you.

You should use this Curriculum Guide to prepare for your course request appointment with your School Counselor. As you prepare, carefully review the general information section, analyze the course descriptions and “pencil in” your choices on the worksheets at the back of the handbook.

It is important to know that the courses you select during this process are intended to be your final selection for the 2022-2023 school year. We develop our master schedule of classes and we hire and re-employ teachers based on the enrollment decisions you make. As high school students, you should make careful decisions and then follow through with them.

Sincerely,

Shauna Koppenhaver  
Principal

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## General Information

# Starmont Grading Scale

- Class rank at Starmont High School is currently based on Grade Point Average (GPA).

### 4.0 GPA Scale:

A	4.0	4 points
B	3.0	3 points
C	2.0	2 points
D	1.0	1 point
F	0.0	0 points

### Course Requests

Each spring Starmont High School works to create a schedule of classes for the following academic year that best meets the needs of our students, while still staying within the parameters of staffing requirements (i.e. number of teachers, class size, teaching schedules, state and federal mandates). We work very hard to accommodate student requests; however, due to the complexity of the scheduling process, sometimes student schedules may need to be adjusted. Please keep in mind that changes in course request or class assignments will not be accepted for any of the following reasons:

- To accommodate a job schedule
- To change teachers
- To change classes to be with friends
- To have first or last period free
- To accommodate a change of mind

Acceptable reasons for schedule changes may include:

- Computer input error
- Scheduling conflicts
- Failure or near failure in a previous semester or year course
- Failure to meet a prerequisite for a course
- Teacher and administrative recommendation
- Successful completion of a summer school class

### **Dropping a Course**

Students wishing to drop a course must first discuss it with their parents, teacher and counselor. After a parent/guardian signs the request to drop a course, the teacher, and administrator will sign the request as well. A grade of "F" will be reflected on the transcript of a student who chooses to drop a course after the five school days of a semester. Students enrolled in yearlong courses will not be allowed to drop at the end of first semester unless the teacher recommends it and it is approved by an administrator.

### **Repeating Course(s)**

- 1. You can only retake a course if you have received a failing grade**
- 2. All grades are recorded and held on transcripts for GPA purposes**
- 3. If a grade is changed, a grade change slipped must be filled out and given to the principal**

### **Incomplete Grades**

An Incomplete represents work not completed by the end of the quarter. Incompletes are given only in extraordinary circumstances. This work must be made up within the first two weeks of the following semester and the Incomplete changed to a grade or a failure. If the work is not made up by the end of the 2-week period, the grade will be changed to an "F." An Incomplete will prevent eligibility from athletics and activities.

### **College Admission Requirements**

Criteria for college admission vary greatly. The admission committees consider, to varying degrees, the following:

- Type of high school courses actually taken when compared to the courses available in the high school.
- Quality of the student's academic record.
- Performance on college admission tests – SAT & ACT.
- Development and maturity of the individual in areas outside the academic classroom.

<b>Courses</b>	<b>Highly Selective Colleges</b>	<b>Public University Colleges</b>	<b>Private 4-Year Col</b>	<b>Community and Public Colleges</b>
English	4 years	4 years	4 years	Varies greatly from an open door admission policy to selective course requirements specifically required by the different departments.
Mathematics	4 years	4 years	4 years	
Science	4 years (lab)	3 years	3 years	
Social Studies	3-4 Years	3 years	3 years	
Academic Electives	2 years	2 years	2 years	
World Languages*	4 years (one)	2 years recommended, requirements vary	2-4 years	

A course may be repeated for credit only when a student has previously received an "F." Course requirements for entrance into four different types of colleges are listed above. The academic prerequisites typical of colleges in each of the catalog listed may change from year to year and therefore, should be used only as general minimum guidelines. Specific information may be obtained from high school counselors, college profiles, websites and catalogs, computerized college software programs and college admissions advisors.

### **Class Load**

It is required that students in grades 9, 10 and 11 have a minimum of 7-8 academic classes every semester; physical education is required every semester per year. Students must enroll in a minimum

of 5 academic classes. Any exceptions must be approved by the administration.

### **Requirements to enroll in College classes**

Starmont cares about student success and in order to ensure student success, the following guidelines are required:

- Students must complete at least 40 Starmont High School credits and have a GPA of 3.0 or higher.
- Students must demonstrate proficiency in Reading, Math and Science.
- Students cannot be considered a chronic attender from the previous year. Chronic attendance is considered missing more than 10% of the school year.
- Students must meet with the school counselor the semester prior to the start of a new semester to register for PACC NICC college classes.
- Only courses offered during the school day and Starmont's academic school year will be available to students.
- Students who fail or drop a course after the first 5 days of the semester will not be allowed to take a college course in the following semester.
- The parent or legal guardian of an eligible student is responsible for transportation.
- NICC classes take precedence over Starmont's occasional adjustment to the schedule due to weather or assemblies. Students will attend NICC classes as scheduled. This means that if Starmont changes the schedule you are expected to attend NICC classes.

### **Independent Classes**

Students interested in taking an independent class are required to complete a course plan of study that includes a written description of why the student wishes to enroll in the independent class. The student must collaborate with the teacher to complete this course plan of study. The plan of study must be approved by both the teacher and principal prior to the start of the semester. A teacher may have up to three students enrolled in an independent class per semester. All independent courses must take place in the teacher's room during the approved period. If this becomes an issue, the student will be dropped from the course with an F after the first 5 days of the semester.

### **PE Waiver**

A student may waive P.E. one semester in the academic school year as long as the following Requirements have been met:

- The student has a full academic schedule which does not allow a P.E. class and is participating in a sport that semester (this does not include summer sports).
- Or
- The student has an injury or physical condition which does not allow the student to participate in P.E. during one or both semesters. A doctor's excuse must accompany this request.

### **Study Hall**

Students can not have more than two study halls per semester. The only exception is a student taking an On-line college class. There is a study hall exemption available to Seniors who have a grade point average of 3.0.



# Starmont High School Graduation Requirements

<b>ENGLISH</b>	<b>4.0 Credits as follows:</b> 1.0 Credit English 9 1.0 Credit English 10 1.0 Credit English 11 1.0 Credit English 12 or a combination of two semesters (1.0Credit) of College Prep, Comp I, Comp II, or Public Speaking
<b>SOC. STUDIES</b>	<b>3.0 Credits as follows:</b> 1.0 Credit American History 1.0 Credit World History .50 Credit Government .50 Credit Psychology
<b>SCIENCE</b>	<b>3.0 Credits</b> 1.0 Credit Physical Science 1.0 Credit Biology 1.0 Credit Chemistry (Required) 1.0 Credit Physics
<b>MATH</b>	<b>3.0 Credits</b> 1.0 Credit PreAlgebra 1.0 Credit Algebra I 1.0 Credit Geometry 1.0 Credit Alg II 1.0 Credit Pre-Calculus
<b>PHYS ED</b>	<b>2.0 Credits</b> .5 Credit PE 9 .5 Credit PE 10 .5 Credit PE 114 .5 Credit PE 12
<b>HEALTH</b>	<b>.5 Credits</b>
<b>Financial Literacy</b>	<b>.5 Credits</b>
<b>ELECTIVES</b>	<b>11 Credits</b>

## Graduation Plan: (27 credits)

Name:	Post Secondary Plans:
REQUIRED CLASSES	ELECTIVES
<b>English Requirements— 4 Credits</b> English 9 <input type="checkbox"/> Sem 1 <input type="checkbox"/> Sem 2 English 10 <input type="checkbox"/> Sem 1 <input type="checkbox"/> Sem 2 English 11 <input type="checkbox"/> Sem 1 <input type="checkbox"/> Sem 2 English 12 <input type="checkbox"/> Sem 1 <input type="checkbox"/> Sem 2	1. _____ <input type="checkbox"/> .0.5=Semester <input type="checkbox"/> 1.0 =Year Course 2. _____ <input type="checkbox"/> .0.5=Semester <input type="checkbox"/> 1.0 =Year Course 3. _____ <input type="checkbox"/> .0.5=Semester <input type="checkbox"/> 1.0 =Year Course 4. _____ <input type="checkbox"/> .0.5=Semester <input type="checkbox"/> 1.0 =Year Course 5. _____ <input type="checkbox"/> .0.5=Semester <input type="checkbox"/> 1.0 =Year Course 6. _____ <input type="checkbox"/> .0.5=Semester <input type="checkbox"/> 1.0 =Year Course 7. _____ <input type="checkbox"/> .0.5=Semester <input type="checkbox"/> 1.0 =Year Course 8. _____ <input type="checkbox"/> .0.5=Semester <input type="checkbox"/> 1.0 =Year Course 9. _____ <input type="checkbox"/> .0.5=Semester <input type="checkbox"/> 1.0 =Year Course 10. _____ <input type="checkbox"/> .0.5=Semester <input type="checkbox"/> 1.0 =Year Course 11. _____ <input type="checkbox"/> .0.5=Semester <input type="checkbox"/> 1.0 =Year Course 12. _____ <input type="checkbox"/> .0.5=Semester <input type="checkbox"/> 1.0 =Year Course 13. _____ <input type="checkbox"/> .0.5=Semester <input type="checkbox"/> 1.0 =Year Course 14. _____ <input type="checkbox"/> .0.5=Semester <input type="checkbox"/> 1.0 =Year Course 15. _____ <input type="checkbox"/> .0.5=Semester <input type="checkbox"/> 1.0 =Year Course 16. _____ <input type="checkbox"/> .0.5=Semester <input type="checkbox"/> 1.0 =Year Course 17. _____ <input type="checkbox"/> .0.5=Semester <input type="checkbox"/> 1.0 =Year Course 18. _____ <input type="checkbox"/> .0.5=Semester <input type="checkbox"/> 1.0 =Year Course 19. _____ <input type="checkbox"/> .0.5=Semester <input type="checkbox"/> 1.0 =Year Course 20. _____ <input type="checkbox"/> .0.5=Semester <input type="checkbox"/> 1.0 =Year Course
<b>Mathematics Requirements—3 Credits</b> Pre-Algebra <input type="checkbox"/> Sem 1 <input type="checkbox"/> Sem 2 Algebra I <input type="checkbox"/> Sem 1 <input type="checkbox"/> Sem 2 Geometry <input type="checkbox"/> Sem 1 <input type="checkbox"/> Sem 2 Algebra II <input type="checkbox"/> Sem 1 <input type="checkbox"/> Sem 2 Pre-Calculus <input type="checkbox"/> Sem 1 <input type="checkbox"/> Sem 2	
<b>Science Requirements—3 Credits</b> Physical Science <input type="checkbox"/> Sem 1 <input type="checkbox"/> Sem 2 Biology <input type="checkbox"/> Sem 1 <input type="checkbox"/> Sem 2 Chemistry <input type="checkbox"/> Sem 1 <input type="checkbox"/> Sem 2 Physics <input type="checkbox"/> Sem 1 <input type="checkbox"/> Sem 2	
<b>Social Studies Requirements—3 Credits</b> American History <input type="checkbox"/> Sem 1 <input type="checkbox"/> Sem 2 World History <input type="checkbox"/> Sem 1 <input type="checkbox"/> Sem 2 <input type="checkbox"/> Government <input type="checkbox"/> Psychology	
<b>Physical Education Requirements—2 Credits</b> 9th <input type="checkbox"/> Sem 1 <input type="checkbox"/> Sem 2 10th <input type="checkbox"/> Sem 1 <input type="checkbox"/> Sem 2 11th <input type="checkbox"/> Sem 1 <input type="checkbox"/> Sem 2 12th <input type="checkbox"/> Sem 1 <input type="checkbox"/> Sem 2	
<b>Health Requirement—.5 Credits</b> <b>Financial Literacy- .5 Credits</b>	

<b><u>Class of 2023</u></b> Standard Diploma 24 Credit Units Required		<b><u>Class of 2025</u></b> Standard Diploma 27 Credit Units Required	
<b>Language Arts</b>	4 Credits	<b>Language Arts</b>	4 Credits
English 9	1	English 9	1
English 10	1	English 10	1
English 11	1	English 11	1
English 12	1	English 12	1
<b>Mathematics</b>	3 Credits	<b>Mathematics</b>	3 Credits
Pre-Algebra	1	Pre-Algebra	1
Algebra I	1	Algebra I	1
Geometry	1	Geometry	1
Algebra II	1	Algebra II	1
Pre-Calculus	1	Pre-Calculus	1
<b>Science</b>	3 Credits	<b>Science</b>	3 Credits
Physical Science	1	Physical Science	1
Biology	1	Biology	1
Chemistry	1	Chemistry	1
Physics	1	Physics	1
<b>Social Studies</b>	3 Credits	<b>Social Studies</b>	3 Credits
World History	1	World History	1
American History	1	American History	1
Psychology	.50	Psychology	.50
Government	.50	Government	.50
Physical Education	2 Credits	Physical Education	2 Credits
Health	.50	Health	.50
Financial Literacy	.50	Financial Literacy	.50
Electives	8 Credits	Electives	11 Credits
<b><u>Class of 2024</u></b> Standard Diploma 26 Credit Units Required		<b><u>Class of 2026</u></b> Standard Diploma 27 Credit Units Required	
<b>Language Arts</b>	4 Credits	<b>Language Arts</b>	4 Credits
English 9	1	English 9	1
English 10	1	English 10	1
English 11	1	English 11	1
English 12	1	English 12	1
<b>Mathematics</b>	3 Credits	<b>Mathematics</b>	3 Credits
Pre-Algebra	1	Pre-Algebra	1
Algebra I	1	Algebra I	1
Geometry	1	Geometry	1
Algebra II	1	Algebra II	1
Pre-Calculus	1	Pre-Calculus	1
<b>Science</b>	3 Credits	<b>Science</b>	3 Credits
Physical Science	1	Physical Science	1
Biology	1	Biology	1

Chemistry	1	Chemistry	1
Physics	1	Physics	1
<b>Social Studies</b>	3 Credits	<b>Social Studies</b>	3 Credits
World History	1	American History	1
American History	1	World History	1
Psychology	.50	Psychology	.50
Government	.50	Government	.50
Physical Education	2 Credits	Physical Education	2 Credits
Health	.50	Health	.50
Financial Literacy	.50	Financial Literacy	.50
Electives	10 Credits	Electives	11 Credits

## Course Descriptions

### Agricultural Science Classes

Agriculture Education programs are based on a three-circle model including: Classroom/Laboratory, SAE, and FFA. Students enrolled in agriculture classes will have the opportunity to apply hand-on skills using the: FFA test plot, animal lab, and greenhouse. In 2021-2022, all agriculture students will be provided membership to the National FFA Organization through Perkins 5 funding. Enrollment in a minimum of one Agriculture class each school year is required for full FFA membership.

\*6 Units of agriculture can be substituted for Biology Credit. Completed coursework in the following classes can be used to meet the requirement: Introduction to Agriculture OR Natural Resources (1.5), Agriscience Applications (1.5), Plant Science (1.5) and Animal Science (1.5).

STARMONT AGRICULTURE EDUCATION COURSE SEQUENCE			
9th	10th	11th	12th
Introduction to Agriculture	Introduction to Agriculture	Introduction to Agriculture	Introduction to Agriculture
Agriscience Applications	Agriscience Applications	Agriscience Applications	Agriscience Applications
Natural Resources	Natural Resources	Natural Resources	Natural Resources
Agriculture Leadership	Plant Science	Plant Science	Plant Science
	Animal Science	Animal Science	Animal Science
	Agriculture Leadership	Agriculture Leadership	Agriculture Leadership
		Horticulture	Horticulture
		Greenhouse Management	Greenhouse Management
		Survey of the Animal Industry (AGS 114)	Survey of the Animal Industry (AGS 114)
		Veterinary Science	Veterinary Science
		Farm Business Management (AGB 330)	Farm Business Management (AGB 330)
			Workplace Learning (WBL 141)

**COURSE: Introduction to Agriculture: Course Number: 6500/6502 GRADE: 9,10,11,12 CREDIT: 0.5 ONE SEMESTER DESCRIPTION OF COURSE:** Introduction to Agriculture is designed to teach students about the world of agriculture through the 3 foundational components of the agricultural education program. Students will spend time pairing their personal interests with the vast opportunities of the agriculture industry. Students will learn the basics of the National FFA Organization, work on leadership and communication skills and also study and investigate our complex food system through teamwork, lab experiences and hands-on activities. ***\*\*This course contributes to the substitution requirements for Biology Credit.***

**COURSE: Agriscience Applications Course Number: 6524 GRADE: 9,10,11, 12 CREDIT: 0.5 ONE SEMESTER DESCRIPTION OF COURSE:** An extension of the Introduction to Agriculture Course; this class will teach students the basics of Biology and Life Science through the application of agriculture. This class will heavily use hands-on laboratory methods and projects to teach students the structure of living things, plant and animal genetics, and the environment using the scientific method and processes. As a capstone project, students will complete an agriscience fair project to apply and communicate their science skills. ***\*\*This course contributes to the substitution requirements for Biology Credit\*\****

**COURSE: Animal Science: Course Number: 6520 GRADE: 10, 11, 12 CREDIT: 0.5 DESCRIPTION OF COURSE:** This course will serve as an introduction to all areas of the Animal Science Industry. Hands-on experience will be provided through the Agriculture Education Program facilities and classroom labs and experiments. Instruction will focus on the broad topics surrounding the industry

including but not limited to; animal Issues & advocacy, herdsmanship, body systems and evaluation.

***\*\*This course contributes to the substitution requirements for Biology Credit\*\****

**COURSE:: PlantScience: Course Number: 6522** GRADE: 10, 11, 12 CREDIT: 0.5 ONE

DESCRIPTION OF COURSE: This course will focus on Agronomy; the study of plants and soil for economic purposes. Students will discover the value of plant production and its impact on the individual, local, and global economy through semester long study of plants. Labs and hands-on activities will allow students to practice and learn content. ***\*\*This course contributes to the substitution requirements for Biology Credit\*\****

**COURSE: Horticulture: Course Number: 6580** GRADE: 10, 11, 12 CREDIT: 0.5 ONE SEMESTER

COURSE DESCRIPTION: Horticulture is the science and art of growing fruits, vegetables, flowers and ornamental plants. This course will focus on the many sectors of the horticulture industry including home horticulture, landscape design, and greenhouse management. Hands-on experience will include the care, preparation, and sales of greenhouse plants.

**COURSE: Agriculture Leadership: Course Number: 6575** GRADE: 9, 10, 11, 12 CREDIT: 0.5 ONE

SEMESTER COURSE DESCRIPTION: This course is designed to assist students in identifying their leadership strengths while working in a team to take their skills to the next level. This class will work to plan and lead a community event while working on leadership, communication and teamwork skills. Students will work cooperatively with school faculty, administration, and community members. :

**COURSE: Survey Animal Industry: Course Number: 6593** GRADE: 11, 12 NICC Course Code:

AGS114 CREDIT: 0.5 ONE SEMESTER PREREQUISITE: Animal Science COURSE

DESCRIPTION: *This course is concurrent with Northeast Iowa Community College Survey of the Animal Industry (AGS 114).* The course will be rigorous and meant for driven students looking to advance their knowledge of the animal science industry. The course will explore breeds, life cycle, management practices, marketing and care of farm animals. Lecture and lab experiences will be a weekly component of this course utilizing our program animal lab.

**COURSE: Farm Business Management: Course Number: 6570** GRADE: , 11, 12 NICC Course

Code: AGB330 CREDIT: 0.5 ONE SEMESTER COURSE DESCRIPTION: This course will cover all aspects of farm decision making, including record keeping, budgeting, year-end analysis, enterprise analysis and tax management. Additionally, students investigate and develop viable business plans in order to solve local problems through direct application of semester coursework

**COURSE: Greenhouse Management: Course Number: 6572** GRADE: 10, 11, 12 CREDIT: 0.5

COURSE DESCRIPTION: Students will be involved in planting, care, maintenance, and selection of various home and commercial vegetables, flowers, and plants. Students will gain hands-on greenhouse working and preparing for the spring plant sale in every aspect including, seed selection, seed starting, design, marketing and promotion, budgeting, and sales.

**COURSE: Natural Resources: Course Number: 6590** GRADE: 9,10,11,12 CREDIT: 0.5 ONE SEMESTER COURSE DESCRIPTION: The course provides students a variety of experiences in the field 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. ***\*\*This course contributes to the substitution requirements for Biology Credit\*\****

**COURSE: Workplace Project Based Learning: Agriculture, Food, and Natural Resources: NICC Course Code: WBL141 Course Number: 6587** GRADE: 11, 12 CREDIT: 0.5 ONE SEMESTER COURSE DESCRIPTION: Students will learn the concepts of project based learning in the workplace. Projects might occur in the Ag Classroom or in cooperation with local businesses, community organizations, and/or non-profit agencies. Projects are developed and managed under the supervision of the Ag Instructor. This is a Pass/Fail course requiring a minimum of 16 Lecture Hours and 64 lab hours. *In addition to college credit, all students who complete this course will also receive an Express Employment Professionals Career Preparedness Certification.*

**COURSE: Veterinary Science Course Number: 6584** GRADE: 10,11,12 CREDIT: 0.5 ONE SEMESTER COURSE DESCRIPTION: This course is intended to prepare students for college, technical training and careers related to the health and care of domesticated farm animals, companion animals, and small pets. Our program animal lab as well as classroom pets and simulation tools will make it possible for students to investigate and problem solve through common ailments and ideas related to animal care. *All students who complete the course will earn an Elanco Veterinary Medical Applications Certification.*

## **Art**

**COURSE: DRAWING: Course Number: 7630** GRADE: 9,10,11,12 (May be taken twice in your high school career) CREDIT: 0.5 ONE SEMESTER DESCRIPTION OF COURSE: Drawing is an in-depth study of the concepts and ideas needed to become a skilled draftsman. Topics may include contour line, gestures, still-life, landscape, realism, perspective, pen & ink, 3D drawing, abstraction, portraits, and charcoal studies. Basic drawing vocabulary will be expected of all students.

**COURSE: PAINTING: Course Number: 7640** GRADE: 9,10,11,12 (May be taken twice in your high school career) CREDIT: 0.5 ONE SEMESTER DESCRIPTION OF COURSE: Painting is the study of different techniques, mediums, and the history of painting. A majority of the class will focus on using acrylic paints, however watercolor and mixed media paints will be introduced. Topics in class may include portraits, still-life, color theory, abstraction, landscapes, paintings throughout history, modern art, optical illusions, and self-expression of an idea. Basic painting vocabulary and history will be expected of all students.

**COURSE: CERAMICS/CLAY: Course Number: 7611** GRADE: 9,10,11,12 (May be taken twice in your high school career) CREDIT: 0.5 ONE SEMESTER DESCRIPTION OF COURSE: Ceramics is the study of clay as a sculptural and functional medium. Topics for study may include pottery, wheel-thrown objects, abstract sculpture, hand-building techniques, ceramics throughout history, relief carving, glazing techniques, and kiln building. Basic ceramic vocabulary and history will be expected by all students.

**COURSE: SCULPTURE: Course Number: 7620** GRADE: 9,10,11,12 (May be taken twice in your high school career) CREDIT: 0.5 ONE SEMESTER DESCRIPTION OF COURSE: Sculpture is the study of three-dimensional artwork. This class may include a variety of mediums such as paper, clay, Styrofoam, plastics, cardboards, wire, plaster, wood, and found materials. This class may also include the ideas and processes of carving, abstraction, installation, sculpture throughout history, casting, negative and positive space, relief sculpture, and compositional concerns.

**COURSE: LAYOUT & DESIGN I: Only offered Semester One Course Number: 7650** GRADE: 9,10,11,12 (May be taken every year) CREDIT: 0.5 ONE SEMESTER DESCRIPTION OF COURSE: Layout and Design I is an art class that focuses on Iowa Art Anchor Standard #5- Develop and refine artistic techniques and work for presentation. Emphasis will be placed on solid graphic design principles in order to produce the best visual representation of our student body and events of each school year. Iowa Art Anchor Standard #11- Connecting artistic ideas and works with societal, cultural and historical context to deepen understanding. Emphasis will be on how visual images reflect the culture and context of the school, students, and community. Iowa Art Anchor Standard #7 Perceive and analyze artistic work. Emphasis will be on critiquing the design templates of all sections as well as the images, cutouts and placements of color within each section. Students will heavily use Photoshop in this class.

**COURSE: LAYOUT & DESIGN II: Only offered Semester Two Course Number: 7651** GRADE: 9,10,11,12 (May be taken every year) CREDIT: 0.5 ONE SEMESTER DESCRIPTION OF COURSE: Layout and Design II is a continuation of the fundamentals of Layout and Design I. This art class focuses on Iowa Art Anchor Standard #5- Develop and refine artistic techniques and work for presentation. Emphasis will be placed on solid graphic design principles in order to produce the best visual representation of our student body and events of each school year. Iowa Art Anchor Standard #11- Connecting artistic ideas and works with societal, cultural and historical context to deepen understanding. Emphasis will be on how visual images reflect the culture and context of the school, students, and community. Iowa Art Anchor Standard #7 Perceive and analyze artistic work. Emphasis will be on critiquing the design templates of all sections as well as the images, cutouts and placements of color within each section. Students will heavily use Photoshop in this class.

**COURSE: TECHNOLOGY ART: (Every other year) Course Number: 7715** GRADE: 9,10,11,12 CREDIT: 0.5 ONE SEMESTER DESCRIPTION OF COURSE: The students will use and manipulate a computer within the context of art as well as learn about art in general through a computer. Projects



include but are not limited to working with Adobe Photoshop, Adobe Illustrator, and Virtual programs. The content of the class will be focused on Graphic Design.

**COURSE: DIGITAL PHOTOGRAPHY: Course Number: 7720** GRADE: 9, 10, 11, 12 CREDIT: 0.5

ONE SEMESTER DESCRIPTION OF COURSE: The students will learn how to take quality and artistic photos in addition to the history of photography. Class time will consist almost entirely of learning how to take pictures, using different cameras, history, critiques and looking at other photographer's art. Photos required for the class will be mainly taken OUTSIDE of class time. Students will need to have access to a digital camera or working smart phone.

**COURSE: FILM STUDIES I: (Every other year) Course Number: 7730** GRADE: 9,10,11,12

CREDIT: 0.5 ONE SEMESTER DESCRIPTION OF COURSE: This class will focus on learning about the world of cinema through exploration of short films and feature films with a look at concepts including lighting, editing, cinematography, directing and sound. Expectations in the class will include writing critical analysis, knowledge of different genres and history, use of video equipment and editing techniques, and the use of materials involving copyrights.

**COURSE: FILM STUDIES II: (Every other year) Course Number 7731: GRADE: 9,10,11,12**

CREDIT: 0.5 ONE SEMESTER (Every other year) PREREQUISITE: FILM STUDIES I DESCRIPTION OF COURSE: This class is a continuation of Film Studies. Students must take Film Studies first semester or in a previous year earning a score of C or better. This class will continue the analysis of films through written critiques focusing on specific genres, directors and concepts. Film blogging will be expected throughout the semester to document their learning.

## Business

\*Students interested in DECA must be enrolled in a business class\*

Business Scope and Sequence			
9th Grade	10th Grade	11th Grade	12th Grade
Intro to Business	Intro to Business	Law Through Modern Cases	Law Through Modern Cases
Marketing and Sales	Marketing and Sales	Management and Entrepreneurship	Management and Entrepreneurship
Hospitality and Tourism	Hospitality and Tourism	Accounting I/II	Accounting I/II
		Financial Literacy	Financial Literacy
		Financial Literacy 2.0	Financial Literacy 2.0

**COURSE: FINANCIAL LITERACY: Course Number: 6740** Grade: 11, 12 **Required.** CREDIT: 0.5

ONE SEMESTER DESCRIPTION OF COURSE: In this class, students will learn how to plan and manage personal finances, live a financially successful life, and take financial responsibility as a citizen. Some of the topics covered are banking procedures, keeping a checking account, buying decisions for a home and vehicle, savings and investing, and economic decisions and credit responsibility.

**COURSE: FINANCIAL LITERACY 2.0: Course Number: 6742** Grade: 11,12 CREDIT: 0.5 ONE SEMESTER DESCRIPTION OF THE COURSE: This course focuses on taking what you learned in Financial Literacy and expanding deeper. Students will look at different types of investments and savings vehicles. Students will participate in SMG (Stock Market Game) and manage their own "\$200,000" portfolio. Aspects of insurance; home, auto, car, and life, will be presented. Students will understand different aspects of tax preparation. This class will also cover expenses and income of self-employed individuals. The overall goal of this class is to prepare students for real life financial situations.

**COURSE: INTRODUCTION TO BUSINESS: Course Number: 6750** GRADE: 9,10,11,12 CREDIT: 0.5 ONE SEMESTER DESCRIPTION OF COURSE: The student will be exposed to the role of the bookkeeper, manager, and junior accountant in relation to many facets of the business world, including the economic system, marketing functions such as sales, production, finance, and types of business organization. Emphasis will be placed on students' awareness of how these topics are related to the occupation of their choice.

**COURSE: MARKETING AND SALES: Course Number: 6785** GRADE: 9,10,11,12 CREDIT: 0.5 ONE SEMESTER PREREQUISITE: Successful completion of Introduction to Business DESCRIPTION OF COURSE: Do you love to be creative as it relates to the business world? This may be a class for you. In today's marketing challenges, selling a product or service is going to be more important than ever. This class will study buyer behaviors and look at designing, pricing, distributing and promoting. Students will create their own advertisements and promotions. This class will also use Knowledge Matters-Virtual Business as part of the curriculum.

**COURSE: ADVANCE MARKETING AND MANAGEMENT: Course Number: 6756** Grade 11, 12. CREDIT: 0.5 ONE SEMESTER Course Prerequisites: Must complete the following courses with a (B) or better; Intro to Business, Management and Entrepreneurship, and Marketing and Sale. Must be an active DECA member in good standing. Students must be in Junior or Senior year. Must receive recommendation from the business teacher or the principal to enroll in this course. **DESCRIPTION OF COURSE:** Students enrolled in this class will be required to create a marketing and management business plan as well as operate a school based business. To do this they must use their marketing and management skills to promote products, order inventory, sell products, and keep accurate financial records. A team approach is very important to the success of individuals within the course. A school-based enterprise (SBE) is an entrepreneurial operation in a school setting that provides goods/services to meet the needs of the market. SBEs are managed and operated by students as

hands-on learning laboratories that integrate National Curriculum Standards in marketing, finance, hospitality or management.

**COURSE: LAW THROUGH MODERN CASES: Course Number: 6720** GRADE: 10,11,12 CREDIT: 0.5 ONE SEMESTER DESCRIPTION OF COURSE: Student will study the history of law through the events that have occurred in recent history. Topics that will be covered include; the formation of laws,civil versus criminal law, business and tort law, white collar crime, court cases and the national media, and will break down many famous court cases. This course will give students a greater understanding of the court systems and the laws that are enacted to protect citizens. Students will conduct their own mock trial to complete the course.

**COURSE: ACCOUNTING I: Course Number: 6710** GRADE 11,12 CREDIT: 0.5 ONE SEMESTER DESCRIPTION OF COURSE: This class combined with Accounting II when completed in full is articulated with NICC's Introduction to Accounting ACC115 for 4 credits. Students who have already taken Accounting I or II are welcome to retake this course for college credit. This class includes the complete process of keeping financial records for a business or individual; interpreting and preparing financial reports and records. Accounting is defined as the systematic recording of the financial operations of a business or individual. A student can take this class without taking Accounting II. (computer-enhanced)

**COURSE: ACCOUNTING II: Course Number: 6715** GRADE: 11,12 CREDIT: 0.5 ONE SEMESTER PREREQUISITE: Successful completion of Accounting I DESCRIPTION OF COURSE: This class combined with Accounting I when completed in full is articulated with NICC's Introduction to Accounting ACC115 for 4 credits. Students who have already taken Accounting I or II are welcome to retake this course for college credit. This is the continuation of Accounting I. Chapters covered will be 18 through 26. Corporations will be studied with special journals, sales tax, bad debts, depreciation, accrued income and accrued expense. (computer-enhanced)

**COURSE: MANAGEMENT AND ENTREPRENEURSHIP: Course Number: 6752** GRADE: 10,11,12 CREDIT: 0.5 ONE SEMESTER DESCRIPTION OF COURSE: The student will study the basic factors in the work environment that affect managerial decision making. Emphasis is placed on the four functions of management as well as a discussion of managerial ethics and social responsibility. Students will create an innovative business plan which will be eligible for DECA competitions.

**COURSE: Hospitality and Tourism: Course Number: 6708 Grade 9, 10, 11, 12** CREDIT: 0.5 ONE SEMESTER: This course is designed to give students an introduction into the world of hospitality and tourism. Students will learn how to develop, promote, and identify hospitality and tourism products and services. Students will focus on real life role plays that will prepare them for success in the industry as well as in DECA competitions. This course will also focus on local tourism, which focuses on our own community and recreation within the State of Iowa. Students final project will be to create affordable vacation trips for families and individuals. This will include aspects of both industries. Introduction to Business is a prerequisite for this course.

## **Computer Science**

**COURSE: VIRTUAL REALITY: DESIGN AND RESEARCH: Course Number: 6955/6956** GRADE: 9,10,11,12 CREDIT: 0.5 ONE SEMESTER CAN BE TAKEN EVERY SEMESTER DESCRIPTION OF COURSE: This high school Virtual Reality program offers students the opportunity to develop their technical reading skills and computer skills. Students will create work in 2D and 3D imaging, then transfer these images into stereo so the viewer becomes part of the project. A student wishing to be a part of Virtual Reality, must show a willingness and desire to be an independent learner, willing to work in an environment where self-discipline and maturity are expected. Students will gain experience on working independently and as a team member when solving various roadblocks they may encounter as they work through the different projects. Students who are accepted to the program are expected to read, research, design, ask questions and answer questions. The objective of the course is to help students learn how to become technical readers and learn from the reading by applying what has been read. Before a student can make use of the Virtual Reality equipment, the student must have a general understanding of what they are expected to do in working with the programs in Virtual Reality, based on the resources provided. Please refer to the Independent Courses requirements in order to enroll in this course.

**COURSE: COMPUTER SCIENCE PRINCIPLES: Course Number: 6965** Grade 9, 10, 11, 12 Credit: 0.5 ONE SEMESTER DESCRIPTION OF COURSE: The course introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. This course will focus on three units including the Internet, digital information, and intro to programming. The Internet unit explores the technical challenges and questions that arise from the need to represent digital information in computers and transfer it between people and devices. The unit also explores the structure and design of the internet. The Digital information unit explores ways that digital information is encoded, represented and manipulated. The intro to programming unit introduces foundational concepts for computer programming. We will utilize the JavaScript programming language however the concepts learned will span all programming languages.

## **Family and Consumer Science**

**COURSE: Introduction into Family and Consumer Science: Course Number: 6170** Grade 9, 10, 11, 12 CREDIT: 0.5 ONE SEMESTER PREREQUISITE: Introductory class, not designed for students who have taken two or more FCS classes. DESCRIPTION OF COURSE: This course is designed to build and strengthen a student's interest and background in the fundamental areas of Family and Consumer Sciences. Areas covered are food preparation, fitness, and nutrition; the care of children and the working family; fashion and interior design and clothing construction; consumer decision making, life and home management skills; and personality development, self-esteem development, and personal image. Group and laboratory activities are emphasized during each semester.

**COURSE: Food for Today's Families: Course Number: 6105** Grade 9, 10, 11, 12 CREDIT: 0.5  
ONE SEMESTER DESCRIPTION OF COURSE: This course focuses on today's families resources, decision-making, planning, budgeting, and preparation of food. Students will look into the nutritional options available to modern families and how personal choices impact nutrition, lifestyles, disease prevention, and health.

**COURSE: FOOD SCIENCE I: Course Number: 6100** GRADE 9,10,11,12 CREDIT: 0.5 ONE  
SEMESTER DESCRIPTION OF COURSE: This course is lab based and dedicated to providing students a working knowledge of classical culinary techniques. Through lecture, hands-on work, and projects the student will learn practical life skills as well as skills needed in the food service industry. Training in sanitation, hot food production, meat identification and fabrication, pantry, breakfast cookery, purchasing, and basic culinary skills is offered. Curriculum places a strong emphasis on Science, Technology, Engineering, and Science (STEM)

**COURSE: FOOD SCIENCE II: Course Number: 6110** GRADE: 9,10,11,12 CREDIT: 0.5 ONE  
SEMESTER PREREQUISITE: Food Science I, Introd. To FCS, or Foods for Today's Families; instructor approval. At least a C in Food Science DESCRIPTION OF COURSE: This course builds on the skills learned in Food Science 1. Further advanced instruction in food preparation techniques, table service, baking, pastries, and management techniques are emphasized. Students will study emerging trends in the food science industry. Curriculum places a strong emphasis on Science, Technology, Engineering, and Science (STEM)

**COURSE: CULTURAL FOODS: Course Number: 6155** GRADE: 9,10,11,12 CREDIT: 0.5 ONE  
SEMESTER PREREQUISITE: At least a C in Food Science I or Foods for Today's Families  
DESCRIPTION OF COURSE: This course is about the diversity of foods enjoyed by different cultures. Students will develop culinary skills using unique ingredients from around the world. Throughout the course students will study the relationship of cultural diets based on geography, climate, resources, the science behind food preparation, and how the food industry has influenced food choices.

**COURSE: Child Development: Course Number: 6135** Grades 9, 10, 11, 12 CREDIT: 0.5 ONE  
SEMESTER DESCRIPTION OF COURSE: This course explores children's development in the areas of cognitive, social, emotional, and physical aspects from prenatal to age three. Topics included are: prenatal, birth, health, safety, parenting, and choosing childcare. Students will visit the Starmont daycare to observe children at different stages of development.

**COURSE: Parenting and Relationships: Course Number: 6140** Grades 9, 10, 11, 12 CREDIT: 0.5  
ONE SEMESTER DESCRIPTION OF COURSE: This course focuses on parenting skills and healthy relationships. The parenting portion focuses on understanding temperament, intellectual development, communicating, discipline, instilling self-esteem, values, child needs, and role modeling. The healthy relationships portion focuses on establishing and maintaining healthy relationships throughout your lifespan.

**COURSE: Fashion and Interior Design: Course Number: 6150** GRADE: 9, 10, 11, 12 CREDIT 0.5 ONE SEMESTER DESCRIPTION OF COURSE: From the clothes we wear to the homes we live in, fashion and design are all around us. In this course, students who have a flair for fashion or who constantly redecorate their room find out what it is like to work in the design industry by exploring career possibilities and the background needed to pursue them. Students try their hand at designing as they learn the basics of color and design, then test their skills through hands-on projects.

**COURSE: Workplace Project Based Learning: Human Services Course Number: 6190** (NICC Course Code: WBL143) Grades 11, 12 Credits 0.5 ONE SEMESTER. This course is for juniors and seniors who are currently taking one of the following FCS courses; Foods I, Foods II, Child Health Safety, and Child Development. Students who have previously taken 2 or more FCS courses are also eligible for this Independent Study. This course will provide guidance in choosing a career goal and preparing for employment. Emphasis will be placed on identifying interests, abilities, values, and exploring options for careers. Students will gain on the job training at Starmont and/or in the community, for example working at Starmont's in-house daycare. This is a Pass/Fail course.

## **Foreign Language**

**COURSE: SPANISH I: Course Number: 1510/1512** GRADE: 9,10,11,12 CREDITS 1 FULL YEAR PREREQUISITE: none (Due to the sequential nature of this course, students will be eligible for second semester if passing first semester.) DESCRIPTION OF COURSE: Beginning students study language that can be used in everyday communication. Students study Spanish through a communicative approach. Students begin to communicate in the target language through interpersonal speaking and writing, presentational speaking and writing, and interpretive reading and listening. Students will expand their understanding of culture by studying various aspects of the Spanish-speaking world. Activities, including a variety of formative and summative assessments, are designed to help students meet district standards and ACTFL Standards of Language Learning. Two to four years of a foreign language are often required for admittance to/graduation from many colleges. **This course is NCAA approved.**

**COURSE: SPANISH II: Course Number: 1520/1522** GRADE: 10,11,12 CREDITS 1 FULL YEAR PREREQUISITE: Working proficient knowledge(C-) of Spanish 1 content and skills (Due to the sequential nature of this course, students will be eligible for second semester if passing first semester.) DESCRIPTION OF COURSE: Students will build on the basics learned in Spanish 1. Students develop their communication in the target language through interpersonal speaking and writing, presentational speaking and writing, and interpretive reading and listening. Students will be expected to use the language in class. A variety of learning activities using formative and summative assessments are designed to help students meet district and ACTFL standards of language learning. Two to four years of a foreign language are often required for admittance to/graduation from many colleges. **This course is NCAA approved.**

**COURSE: SPANISH III: Course Number: 1530/1532 GRADE: 11,12 CREDITS 1 FULL YEAR**

**PREREQUISITE:** Working proficient knowledge(C-) of Spanish 1 and Spanish 2 content and skills (Due to the sequential nature of this course, students will be eligible for second semester if passing first semester.) **DESCRIPTION OF COURSE:** Students deepen their communication in the target language through interpersonal speaking and writing, presentational speaking and writing, and interpretive reading and listening. The curriculum will emphasize more challenging use of the language. A variety of learning activities using formative and summative assessments are designed to help students meet district and ACTFL standards of language learning. This class starts preparing students for college entrance exams, i.e. college placement tests, or the CLEP test. Two to four years of a foreign language are often required for admittance to/graduation from many colleges. **This course is NCAA approved.**

**COURSE: SPANISH IV: Course Number: 1540/1542 GRADE: 12 CREDITS 1 FULL YEAR**

**PREREQUISITE:** Working proficient knowledge (C-) of Spanish 1-3 content and skills (Due to the sequential nature of this course, students will be eligible for second semester if passing first semester.) **DESCRIPTION OF COURSE:** Students communicate in the target language through interpersonal speaking and writing, presentational speaking and writing, and interpretive reading and listening to explore cultural themes. News articles, short stories, poems etc. will provide resources for students to develop a more extensive vocabulary and to expand their knowledge of Spanish speaking culture and history. Students will delve deeper into the target language and culture. A variety of learning activities using formative and summative assessments are designed to help students meet district and ACTFL standards of language learning. This class supports preparation of students for college entrance exams, i.e. college placement tests, or the CLEP test. Two to four years of a foreign language are often required for admittance to/graduation from many colleges. **This course is NCAA approved.**

## **Industrial Technology**

**COURSE: INTRODUCTION TO INDUSTRIAL TECHNOLOGY: Course Number: 6305 GRADE:**

**9,10,11,12 CREDIT: 0.5 ONE SEMESTER DESCRIPTION OF COURSE:** Introduction to Industrial Technology is an entry level class that will explore and introduce to the student many relevant aspects of the Industrial Technology field. Topics to be covered will include: safety in the workplace, basic woodworking, basic metalworking, sources of energy, energy and environment, alternative energy sources, energy and motion, model rocketry, and careers in Industrial Technology.

**COURSE: MANUFACTURING: Course Number: 6310 GRADE: 10,11,12 CREDIT: 0.5 FALL**

**SEMESTER PREREQUISITE:** Intro to Cabinetmaking with C- or higher or Instructor Approval

**DESCRIPTION OF COURSE:** Manufacturing class will involve the student in the formation of a company, the design of a simple project, the design of jigs and fixtures, and the mass production of that product. Emphasis will be placed on safe working habits of the students and work environment along with cooperation in a group lab setting.

**COURSE: INTRO TO CABINETMAKING: Course Number: 6320** GRADE: 9,10,11,12 CREDIT: 0.5  
ONE SEMESTER DESCRIPTION OF COURSE: Students will gain first hand knowledge of hand and power tools; the necessity of following safety rules, and the proper processes used in woodworking. Each student will be involved in the planning and construction of a basic cabinetmaking project. **Students will be required to purchase their own wood for their project(s) if they choose a project beyond the basic project.**

**COURSE: CABINETMAKING Level 2: Course Number: 6330** GRADE: 9,10,11,12 CREDIT: 0.5  
ONE SEMESTER PREREQUISITE: Intro to Cabinetmaking with C- or higher or Instructor Approval  
DESCRIPTION OF COURSE: Students interested in the advanced study of woodworking. Study of wood materials and processes along with project work will be the main emphasis of this class. Also, the advanced application and manipulation of hand and power equipment will be emphasized. Original product designs are encouraged. **Students will be required to purchase their own product materials if they choose a project beyond the basic project. Cost will depend upon the number and size of product(s).**

**COURSE: CABINETMAKING Level 3: Course Number: 6335** GRADE: 10,11,12 CREDIT: 0.5 ONE SEMESTER PREREQUISITE: Must have passed Cabinetmaking I with C- or higher or Instructor Approval  
DESCRIPTION OF COURSE: Students will continue to study advanced techniques used in the cabinet making industry. Advanced joinery techniques and materials will be covered as well as advanced assembly methods. Original project designs are encouraged and desired. **Students will be required to purchase their own materials if they choose a project beyond the basic project. Cost will depend on the type and size of project(s).**

**COURSE: DRAFTING I: Course Number: 6340** GRADE: 9, 10,11,12 CREDIT: 0.5 FIRST SEMESTER DESCRIPTION OF COURSE: This course is highly recommended for students interested in drafting as a vocation, engineering, or many other fields which rely on these skills. Students will have skill experience in practically all types of mechanical done in industry. Units covered are: basic two-dimensional drafting principles, sketching and dimensioning and three-dimensional techniques and application with more individual production and creation.

**COURSE: DRAFTING II: Course Number: 6345** GRADE: 9, 10,11,12 CREDIT:0.5 SECOND SEMESTER DESCRIPTION OF COURSE: This course is highly recommended for students interested in drafting as a vocation, engineering, or many other fields which rely on these skills. Students will have skill experience in practically all types of mechanical drawings done in industry. Units covered are: Blueprint reading, Creating 3D plans for manufacturing a wood project, Advanced manufacturing drawings, Architecture, and Creating 3D building models including walls, ceilings, roofs, windows, doors, furniture and equipment.

**COURSE: INTRO TO METALWORKING: Course Number: 6350** GRADE: 10,11,12 CREDIT: 0.5  
FALL SEMESTER DESCRIPTION OF COURSE: This class explores the use and the applications of various metals and metalworking techniques. Lab activities will include: arc welding, sheet metal, milling, and basic projects will be explored. Students will develop entry level skills in each area.



**Additional costs for the class will be based on the student's project(s).**

**COURSE: METALWORKING Level 2: Course Number: 6355** GRADE: 10,11,12 CREDIT: 0.5  
SPRING SEMESTER PREREQUISITE: Intro to Metalworking with C- or higher or Instructor Approval  
DESCRIPTION OF COURSE: Advanced techniques used in the metalworking industry will be investigated. Lab activities will include: MIG welding, oxyacetylene welding, lathe work, mill work , foundry techniques and advanced sheet metal work. Students will be challenged to increase and improve their skill level in each area. **Additional costs for the class will be based on the student's project(s).**

**COURSE: CONSTRUCTION TECHNOLOGY: Course Number: 6360** GRADE: 11,12 CREDIT: 0.5  
SPRING SEMESTER PREREQUISITE: Intro to Cabinetmaking with C- or higher or Instructor Approval  
DESCRIPTION OF COURSE: Contemporary practices used in the construction industry will be explored and investigated: print reading, wall framing, house wiring, deck design and scale model building, sheetrock work, and concrete work.

**COURSE: CAR CARE: Course Number: 6315** GRADE: 10,11,12 CREDIT: 0.5 SPRING  
SEMESTER PREREQUISITE: Introduction to Industrial Technology with C- or higher or Instructor Approval  
DESCRIPTION OF COURSE: Learn the major parts to a car engine, how to change oil, how the fuel and electricity work in an engine, how to change a tire, & how to detail clean a car.

## **English/Language Arts**

All students must successfully complete 4 years of English to meet graduation requirements.

Full year of English

9<sup>th</sup> Grade

10<sup>th</sup> Grade

11<sup>th</sup> Grade

12<sup>th</sup> Grade

Full year of English 12 OR A COMBINATION OF THE FOLLOWING COURSES: \*

College Prep \*Two Semesters

Composition I \*NICC Course One Semester Class

Composition II \*NICC Course One Semester Class

Public Speaking \*NICC Course One Semester Class

**COURSE: ENGLISH 9: Course Number: 1000/1002** GRADE: 9 (Required for Freshmen) CREDIT 1-YEAR LONG  
DESCRIPTION OF COURSE: This course is designed to give the student a basic overview of English skills: reading, writing, listening and speaking. The course will be literature based, and the readings will be used to promote multiple levels of comprehension, higher-order thinking skills, and interpersonal skills. Literary forms to be explored are the short story, the novel, nonfiction, and Shakespearean drama. Writing workshops will provide students an opportunity to improve their

writing, grammar, and mechanics skills through a variety of writing forms. Students will work toward mastery of the Iowa Common Core Standards in literacy, writing, speaking, listening, and language. **This course is NCAA approved.**

**COURSE: ENGLISH 10: Course Number: 1110/1112** GRADE: 10 (Required for Sophomores) CREDIT 1- YEAR LONG DESCRIPTION OF COURSE: English 10 is a comprehensive course that explores the various aspects of the English language through the studies of oral communication, reading, writing, vocabulary, and grammar. Close reading strategies and critical thinking skills help students comprehend novels, plays, short stories, and essays. Grammar, writing, and vocabulary lessons complement the readings. Students will work toward mastery of the Iowa Common Core Standards in the areas of literacy, writing, speaking, listening, and language. **This course is NCAA approved.**

**COURSE: ENGLISH 11: Course Number: 1300/1302** GRADE: 11 (Required for Juniors) CREDIT 1- YEAR LONG DESCRIPTION OF COURSE: English 11 provides an overview of several literary movements within American literature. Close reading strategies and critical thinking skills will be emphasized to help students comprehend primary resources and thought-provoking literature, including poetry, drama, short stories, and novels. Grammar, writing, and vocabulary complement the readings. Students will work toward mastery of the Iowa Common Core Standards in the area of literacy, writing, speaking, listening, and language. **This course is NCAA approved.**

**COURSE: ENGLISH 12: Course Number: 1310/1312** GRADE: 12 (Required for Seniors or two qualifying NICC English courses or 1 year of College Prep Research) CREDIT 1- YEAR LONG DESCRIPTION OF COURSE: Senior English will combine critical reading of both fiction and non-fiction texts with instruction in a variety of writing styles. Using a thematic approach, students will examine several works recognized for literary merit. Writing instruction will focus on a process approach to writing, with careful attention to ideas, organization, voice, sentence fluency, word choice, and punctuation. Students will work towards mastery of the Iowa Common Core Standards in literacy, writing, speaking, listening, and language. **This course is NCAA approved.**

**COURSE: COLLEGE PREP RESEARCH: Course Number: 1130/1132** GRADE: 11,12 CREDIT 1- Year Long: Successful completion of English 9 & 10 with a B or higher DESCRIPTION OF COURSE: Research papers are a part of college coursework. College instructors expect students to have viable research skills before they enter a post-secondary institution. In this course, students will learn the necessary skills needed for research writing. Because the process is as important as the product, this course will stress the research and writing process from the prewriting state to the revision stage. In addition to writing and revision, students will learn to create a research question, develop a thesis statement, and practice the skills of paraphrasing, summarizing, note taking, and outlining. Students will be required to use proper formatting, in-text citation, and References page as required by APA style. Students may take a semester of College Prep Research instead of one semester of English 12.

**COURSE: Creative Writing: Course Number: 1140** Grade: 11, 12, Credit: 0.5 One Semester

**DESCRIPTION OF COURSE:** Creative Writing courses offer students the opportunity to develop and improve their technique and individual style in poetry, short story, drama, essays, and other forms of prose. The emphasis of the courses is on writing; however, students may study exemplary representations and authors to obtain a fuller appreciation of the form and craft. Although most creative writing classes cover several expressive forms, others concentrate exclusively on one particular form (such as poetry or playwriting). This course is an English area elective that does **not** count as one semester of English 12.

**COURSE: Introduction to Speaking & Listening Course Number: 1105** GRADE: 10, 11,12

**CREDIT: 0.5 ONE SEMESTER PREREQUISITE:** Successful completion of English 9

**DESCRIPTION OF COURSE:** Having good speaking and listening skills are essential skills in the real world. This course emphasizes an introduction to speaking to an audience of various sizes for various purposes while also listening critically to other student's presentations. Students will learn and implement the skills needed to give quality oral presentations through practice and peer feedback. Iowa Common Core Standards focus in the area of speaking and listening, language, and writing. This course is an English area elective that does **not** count as one semester of English 12.

## ***MATH***

All students must successfully complete 3 years of Mathematics to meet graduation requirements.

PreAlgebra

Algebra I

Algebra II

Math Strategies (elective credit)

Geometry

Precalculus

Data Analysis (Fall semester)

Statistics (NICC Course)

Calculus I (NICC Course)

Calculus II (NICC Course)

**COURSE: PRE-ALGEBRA: Course Number: 2115/2117** GRADE: 9 CREDIT 1- YEAR LONG

**PREREQUISITE: Teacher recommendation** **DESCRIPTION OF COURSE:** The purpose of this course is to prepare students for Algebra I. Pre Algebra will include a review of operations with rational and real numbers and a focus on linear relationship. Topics will include operations with fractions and integers, variables, basic algebraic properties, order of operations, properties and operations of number systems, solving equations, ratios and proportions, slope, and graphing linear equations. Also within this course will be a review of some geometry standards. **This course is NOT NCAA approved.**

**COURSE: ALGEBRA I: Course Number: 2120/2122 GRADE: 9,10 CREDIT 1- YEAR LONG**

**PREREQUISITE: Middle School recommendation** DESCRIPTION OF COURSE: The main emphasis of this course is placed on understanding and developing a competence in algebraic skills. This course will include the following topics: variables, algebraic expression, basic algebraic properties, solving equations, formulas, ratios, proportions, percents, relations, functions, graphing, different forms for equations, inequalities, and solving systems of equations, monomials, polynomial operations, exponential functions, and quadratic expressions. **This class is NCAA approved.**

**COURSE: GEOMETRY: Course Number: 2201/2202 GRADE: 10, 11, 12 CREDIT 1- YEAR LONG**

DESCRIPTION OF COURSE: This course emphasizes the study of the properties and applications of common geometric figures in two and three dimensions. Topics include reasoning and proof about parallel lines, congruent and similar triangles, rectangular figures, polygons, finding area and volume of various solids, introduction to trigonometry, and various geometric constructions. **This class is NCAA approved.**

**COURSE: ALGEBRA II: Course Number: 2130/2132 GRADE: 11,12 CREDIT 1- YEAR LONG**

**PREREQUISITE:** Must have passed each semester of Geometry **or** instructor approval.

DESCRIPTION OF COURSE: The main emphasis of this course is placed on understanding and developing a competence in algebraic skills. This course will include the following topics: basic operations of polynomials, factoring, quadratic functions, solving quadratic equations, simplifying radical expressions, and graphing various equations, exponential functions, logarithmic functions. This course is recommended for a college preparatory path. **This class is NCAA approved.**

**COURSE: FINANCIAL ALGEBRA: Course Number: 2135 GRADE: 11, 12 CREDIT: 0.5**

**SEMESTER PREREQUISITE:** Must have passed each semester of Algebra I and Geometry **OR** instructor's approval.

DESCRIPTION OF COURSE: This course will link real world financial applications with algebra skills. Personal finance topics such as taxes, savings, budgeting, investing, and personal credit will be paired with core algebra skills such as linear equations, systems of equations, exponential functions, and statistics.

**COURSE: PRECALCULUS: Course Number: 5200/5202 GRADE: 11,12 CREDIT 1- YEAR LONG**

**PREREQUISITE:** Must have passed each semester of Algebra II with a C- or better **or** instructor approval. DESCRIPTION OF COURSE: This course will develop the student's mathematical concepts, improve logical thinking, and help to promote success. The course is needed for the students who wish to continue their education beyond high school in fields that require a solid background in mathematics. Students will study relations and functions, transformation of functions, right triangle relationships, matrices, trigonometric functions, and vectors. The student will analyze and graph mathematical functions. There is an emphasis on verification of trigonometric identities using all of the basic trigonometric identities. Students will use graphing tools in activities that are appropriate to the topics being studied. **This class is NCAA approved.**

**COURSE: DATA ANALYSIS: Course Number: 2400** GRADE: 11,12 CREDIT: 0.5 1 Semester (Fall)  
PREREQUISITE: Must have successfully completed Geometry DESCRIPTION OF COURSE: This course introduces statistical techniques of experimental design and methods of summarizing and presenting data. Topics will include: measures of central tendency, measures of variation, measures of position, probabilities and probability distributions, binomial distributions, and the standard normal distribution. This course places special emphasis on the understanding of key concepts and statistical thinking, and calculations and interpretation of results. Students will use calculating tools in activities that are appropriate to the topics being studied. **This class is NCAA approved**

## Music

**COURSE: INSTRUMENTAL MUSIC Course Number: 7200/7202** GRADE: 9,10,11,12 CREDIT 1-YEAR LONG PREREQUISITE: Must have been a member of the junior high school band and/or meet minimum performance standards. Students wishing to begin study of an instrument should contact the instructor. DESCRIPTION OF COURSE: Instrumental music is performance based, so attendance is mandatory for all home football games, parades, concerts and state large group contests. Grading for instrumental music will reflect performance attendance, daily rehearsal grades, lesson attendance and preparation, and any other class assignments throughout the course of the school year.

- Fall - The fall marching season lasts for approximately 9 weeks. The band performs for home football games and often marches in other parades.
- Concert Season - The concert season extends until after Memorial Day and normally includes 4 concerts, plus State Large Group Contest.
- Summer - Summer marching consists of the Memorial Day parade and parades in each of the three Starmont communities.
- Ensembles - These groups are open to all players. These groups rehearse before or after school. Solo/Ensemble Contests - Students are highly encouraged to be involved in the solo and ensemble contest. Students may perform solos or as a member of a small ensemble (duet, trio, etc.), or as a member of a woodwind choir, brass choir, or percussion ensemble.
- Pep Band - ALL STUDENTS in the high school band are required to participate in PEP BAND for a required number of home JV/VARSITY BASKETBALL GAMES (and possibly other winter athletic events). Students participating in JV/VARSITY BASKETBALL **will** have the opportunity to fulfill their PEP BAND attendance requirements. Students will have some flexibility of when they will perform with the PEP BAND as long as they find a sub for their spot and meet the required number of performances.

Costs:

\$75 fee for rental of school-owned instruments and all percussion students

(Students using school-owned instruments for a portion of the year such as marching or

jazzband only will have a \$37.50 fee per semester). This fee covers the repair and replacement of school owned instruments.

- Festivals - Students who are selected for the various festivals and honor bands are responsible for meals. Usual festival involvement is N.E.I.B.A. Honor Band, Meistersinger Honor Band, All-State Festival, Upper Iowa Honor Band.

**COURSE: 9-12 MIXED CHORUS: Course Number: 7400/7402** GRADE: 9,10,11,12 CREDIT 1-YEAR LONG DESCRIPTION OF COURSE: Grading for choir will be Rehearsal (Participation and Behavior), Performance Attendance, Voice Lessons, Homework assignments, in-class assignments and Singing and Written Tests.

Special Opportunities: All-State Festival, Conference Vocal Festival, University of Iowa Honor Choir, Dorian Vocal Festival, Meistersinger Honor Choir, and Solo & Ensemble Contest. Students involved in festivals and honor choirs are responsible for meals. Materials needed: pencil, 1 inch black binder

**COURSE: BEGINNER'S GUITAR CLASS: Course Number: 7106** GRADE: 9,10,11,12 CREDIT: 0.5 FIRST SEMESTER DESCRIPTION OF COURSE: Guitar – Learn to play basic chords and strumming patterns. Music will be in a variety of styles. The school will provide the guitar. No experience necessary. You DO NOT need to be in band or choir to take this course. The maximum number of students in this course is 12 unless a student provides their own acoustic guitar. **A \$5 equipment rental fee to use a school instrument is required for this course.**

**COURSE: ADVANCED GUITAR CLASS: Course Number: 7107** GRADE: 9,10,11,12 CREDIT: 0.5 SECOND SEMESTER PREREQUISITE: Approval of instructor. Basic knowledge of guitar chords and strums. DESCRIPTION OF COURSE: This course is designed for students with a basic knowledge of guitar that want to hone their skills. The course will cover a more in-depth look on how to use picking, capos, power chords, and how to play melodies. Projects will also be involved that may include how to start a band, writing music, and playing for peers. The maximum number of students in this course is 12 unless a student provides their own guitar. **A \$5 equipment rental fee to use a school instrument is required for this course.**

**COURSE: INTRODUCTION TO MUSIC THEORY: Course Number: 7000** GRADE: 10,11,12 CREDIT: 0.5 DESCRIPTION OF COURSE: This course is designed to introduce students to basic music theory concepts. Course content will include: musical terminology, the science of sound production, note names, clef studies, basic rhythm construction, key signatures, scale construction, interval study, triad construction, chord structure and four-part voice leading.

## **Physical Education, Health and Wellness**

Ninth grade wellness courses are required and designed around a two day, year long rotation. Each semester grade for these two classes is independent. Students will receive .75 credits per semester

for both Wellness I and II. The study skills program will be embedded into the curriculum and help in the design of note taking formats, reading assessments and test taking skills. Articulation could occur between technology, math, and English courses

**COURSE: PE 9: Course Number: 0050/0052** GRADE: 9 (Required for freshmen) CREDIT: 0.5 YEAR LONG (every other day) DESCRIPTION OF COURSE: Soccer, cardiovascular development, basketball, circuit training, flag football, roller skating, volleyball skills, badminton skills, hip/hop dancing, gymnastics, sponge hockey, circuits, softball, self-defense, speedball, biking, pickleball, fitness paper, individual wellness plans, stop the bleed, Fitness Trail, frisbee golf/disc golf, weight training, daily fitness activities to target student target heart rate zone and life-long fitness goals, and develop fitness workouts. All students will participate in AAHPERD fitness tests.

**COURSE: WELLNESS II/ HEALTH: Course Number: 3900** GRADE: 9 (Required for Freshmen) CREDIT 0.5- YEAR LONG (every other day) DESCRIPTION OF COURSE: Each student will be required to have a binder to organize his or her coursework. The binder, study guides and assessments are all designed to increase student participation. Articulation on writing assignments could occur between the core courses. Units include: Lifelong Wellness, Fitness, Nutrition, Communicable Diseases, Mental Health, Tobacco and Alcohol Prevention. Students are given the opportunity to complete their CPR certification.

**COURSE: LIFELONG FITNESS: Course Number: 3905** GRADE: 10,11,12 CREDIT 0.5- ONE SEMESTER DESCRIPTION OF COURSE: This course is designed to help students improve personal fitness and health through active participation in a variety of health related fitness components. The class includes a variety of aerobic activities, weight lifting, core strength, and flexibility exercises. Students will gain a basic understanding of the physiological foundations of weight training and fitness as well as proper nutritional concepts. Upon the completion of the course students will have developed a working knowledge of the benefits of exercise and a physically active lifestyle, and developed physical activity behaviors associated with a lifetime of personal fitness.

**COURSE: HS PE: Course Number: 3910/3912** GRADE: 10,11,12 CREDIT 0.5- YEAR LONG (every other day) DESCRIPTION OF COURSE: Soccer, cardiovascular development, basketball, circuit training, flag football, volleyball skills, recreational sports (badminton, table tennis), golf, hip/hop dancing, gymnastics, sponge hockey, circuits, Frisbee golf/disc golf, softball, weight training, self-defense, speedball, biking, water safety, archery, pickleball, fitness paper, individual wellness plans, stop the bleed, Fitness Trail activities, and daily fitness activities to target students' target heart rate zone and life-long fitness goals. All students will participate in AAHPERD fitness tests.

## **Science**

**COURSE: PHYSICAL SCIENCE: Course Number: 3000/3002** GRADE: 9 (Required for Freshmen) CREDIT 1- YEAR LONG DESCRIPTION OF COURSE: This course is required for all 9th graders. This course is designed to provide students with the core knowledge of the following components of

Physics and Earth and Space Science: Laws of Motion, Energy and its forms, Electricity and Magnetism, The structure and processes of Earth, Plate Tectonics, Natural Resources and Climate, The Big Bang, and the Stars. Students will be expected to demonstrate safe and proper laboratory techniques, while also learning to communicate and cooperate through shared laboratory experiences. Development of the student's basic science skills is emphasized, such as how to organize, present, interpret data, and make a supported claim. **This course is NCAA approved.**

**COURSE: BIOLOGY: Course Number: 3100/3102** GRADE: 10,11 (Required for Sophomores) CREDIT: 1 YEAR LONG PREREQUISITE: Physical Science DESCRIPTION OF COURSE: This course is required for graduation. The study of Biology is primarily concerned with developing an understanding of life and living organisms. Although a textbook is used, the course will also involve many activities including basic laboratory techniques, class activities, home assignments, and tests. The major topics of the course include problem solving, experimental design, cell/cell processes, structure/function of DNA, genetics, evolution, classification of organisms, kingdoms of life, ecology, and human biology. **This course is NCAA approved.**

**COURSE: CHEMISTRY: Course Number: 3210/3212** GRADE: 11,12 CREDIT 1- YEAR LONG PREREQUISITE: Physical Science, Biology, and Algebra I. Algebra II is strongly recommended. DESCRIPTION OF COURSE: Through this course, students will explore 4 distinct units of study through a rigorous and mathematical approach. These units of study include: The Properties and Structure of Matter, Conservation of Matter, Energy, and Concentration and Equilibrium. Students will demonstrate a qualitative and quantitative understanding of chemical concepts, and the ability to solve problems through embedded laboratory experiences and engineering practices. Students will generate scientific claims supported by evidence and logical reasoning, and use algebra skills to collect and analyze data.

**COURSE: PHYSICS: Course Number: 3300/3302** GRADE: 11,12 CREDIT 1- YEAR LONG PREREQUISITE: Physical Science, Biology, and Algebra II strongly recommended. DESCRIPTION OF COURSE: The course will cover Next Generation Science Standards for Motion and Forces, Conservation of Energy and increase in disorder, and Energy and Matter. Our units will consist of the following material: Motions, Forces, Newton's Laws, Gravitation, Mass vs Weight, Electric and Magnetic Forces, Types of Energy, Energy Transformation, Conversions of Energy, Energy and Matter, Waves, and Electromagnetic Radiation.

**COURSE: ZOOLOGY: Course Number: 03061** GRADE: 11, 12. CREDIT 1- YEAR LONG DESCRIPTION OF COURSE: This course provides students with an understanding of animals, the niche they occupy in their environment or habitat, their life cycles, and their evolutionary relationships to other organisms. These courses should also help students develop an awareness and understanding of biotic communities.

## **Social Studies**

Most social studies courses require a moderate amount of reading and study. You may take more than one social studies course per semester depending upon your abilities and future plans. All students must successfully complete World History, American History, and Government to meet



graduation requirements.

**COURSE: WORLD HISTORY: Course Number: 4200/4202** GRADE: 10 (Required) CREDIT 1-  
YEAR LONG DESCRIPTION OF COURSE: This required course is required for Sophomores and will focus on the emergence of civilization from the Mesopotamian region and conclude with the emergence of the modern world. Focus will be placed on European history and how our culture in the United States has emerged from that area. Periods of specific focus will include but are not exclusive to: early civilizations, Greece, Rome, Middle Ages, Renaissance and Reformation, Scientific Revolution, Industrial Revolution, early explorations, and royal powers and conflicts. Students will also be required to locate specific geographic areas that pertain to the areas of study. **This course is NCAA approved.**

**COURSE: AMERICAN HISTORY: Course Number: 4100/4102** GRADE: 9 &11(2022-2023 and 2023-2024) (Required) CREDIT 1- YEAR LONG DESCRIPTION OF COURSE: In American History we will begin in the year 1860 on the onset of the Civil War and continue learning about the history of the U.S. up to the year 2000. Students will learn the ins and outs of many interesting and important historical events from our nation's past and analyze them using a variety of methods. They also will be challenged to make modern day comparisons and connections to the world we live in order to better understand it. This class will challenge students to find main ideas in reading, analyze primary source documents and improve their writing skills. Typical assignments will consist of completing reading guides based on written material, technology infused projects, research based assignments, and assessments that will include essay questions. **This class is NCAA approved.**

**COURSE: GOVERNMENT: Course Number: 4400** GRADE: 12 (Required) CREDIT: 0.5 One Semester PREREQUISITE: American History DESCRIPTION OF COURSE: This course devotes study to the working of the American political system with much focus on the Constitution and three branches of government, as well as our country's party based system. By the conclusion of the course students will have a deeper understanding of how our government works, but more importantly, why it is important to do their part to make our system function. Students will be expected to complete a number of assignments that will challenge their reading abilities, online research skills, abilities to work together. Various technology based projects will also be created during this class in which students will begin to reflect on their own political beliefs with their peers which will hopefully encourage them to participate in their civic responsibilities. **This class is NCAA approved.**

**COURSE: SOCIOLOGY: Course Number: 4600** GRADE:11,12 CREDIT: 0.5 ONE SEMESTER DESCRIPTION OF COURSE: Sociology is the systematic study of human society. Students who take sociology will get a crash course in one of the most fascinating subjects – human beings. Throughout the course, students will learn the fundamental strategies for learning how to see the *strange* in the *familiar*. Students will use surveys, case studies, and general observation to discover the peculiar rituals that occur in society on a daily basis. Students will also learn how differing cultures drastically affect one's society. Other interesting facets of society including *deviance, sexuality, race, ethnicity, social class, religion, family, politics, and health* will also be discussed during the semester. **This**

**course is NCAA approved.**

**COURSE: EASTERN WORLD GEOGRAPHY: Course Number: 4212** GRADE:11,12 CREDIT: 0.5 ONE SEMESTER -DESCRIPTION OF COURSE: Students will be engaged in studying various parts of the world by focusing on the five themes of geography: place, location, human-environment interaction, movement, and region, as well as the standards in the Iowa Core Curriculum. Students will learn the basic geography skills used to understand how to read a globe, where to find locations on a map, as well as how geography encourages and affects cultures from across the world. Areas of study that will be covered in this course include: Europe, Africa, Asia, Australia, and Oceania. **This course is NCAA approved.**

**COURSE: WESTERN WORLD GEOGRAPHY: Course Number: 4214** GRADE:11,12 CREDIT: 0.5 ONE SEMESTER - DESCRIPTION OF COURSE: Students will be engaged in studying various parts of the world by focusing on the five themes of geography: place, location, human-environment interaction, movement, and region, as well as the standards in the Iowa Core Curriculum. Students will learn the basic geography skills used to understand how to read a globe, where to find locations on a map, as well as how geography encourages and affects cultures from across the world. Areas of study that will be covered in this course include: South America and North America. **This course is NCAA approved.**

**COURSE: PSYCHOLOGY Course Number: 4780**

GRADE:11,12 (Required) CREDIT: 0.5 ONE SEMESTER PER YEAR PREREQUISITE: NONE  
COURSE DESCRIPTION: This class will be a general psychology class that includes an introduction to psychological terms, facts and principles designed to aid the student in understanding individual behavior. Behavior is analyzed and interpreted through activities and discussions of such topics as motivation, emotion, perception, learning, and intelligence.

**COURSE: SOCIAL STUDIES THROUGH FILM: Course Number: 4301** GRADE: 11,12 CREDIT: 0.5 ONE SEMESTER - DESCRIPTION OF COURSE: Have you ever watched a film based on a true story and wonder how much of it is actually real? How much did Hollywood add to make a better movie? Is the main character exaggerated? Did that really happen back in those days? In this class we will watch films based on historical events/social sciences and analyze what parts of the film are historically accurate, and what parts are not. In order to find out this information, students will be challenged to research information about these events, and come to their own conclusions whether or not the film is based more on fact or fiction. Too often in society people see a video or read something online and take it to be true. This class is designed to combat that notion and help students learn how to research information, learn the difference between primary and secondary sources, and how to develop conclusions based upon their research of the sources.

**Requirements:** Notebook for research, Chromebook, writing utensil, parent permission slip (some films we watch may have an R rating as long as it doesn't go too far) Saving Private Ryan for example.

## College Credit Courses

Starmont cares about student success and in order to ensure student success, the following guidelines are required to enroll in advance classes:

- Students must complete at least 40 Starmont High School credits and have a GPA of 3.0 or higher.
- Students must demonstrate proficiency in Reading and Math.
- Students cannot be considered a chronic attender from the previous year. Chronic attendance is considered missing more than 10% of the school year (this can be reviewed by administration for allowance).
- Students must meet with the school counselor the semester prior to the start of a new semester to register for PICC NICC college classes.
- Only courses offered during the school day and Starmont's academic school year will be available to students.
- Students who fail or drop a course after the first five days of the semester will not be allowed to take a college course in the following semester.
- The parent or legal guardian of an eligible student is responsible for transportation.

\*These courses may change at the discretion of Starmont and Northeast Iowa Community College\*

### SENIOR YEAR PLUS:

Earning college credit in High School Through Senior Year Plus (SYP), school districts are provided with a variety of options to enhance students' high school experience. SYP was created to provide increased and more equal access to college credit and advanced placement courses. Courses delivered through SYP provide students the opportunity to take a rigorous college curriculum and receive both high school and college credit concurrently. College credit opportunities help to bridge the gap between completing high school and starting college. There are three ways to earn college credit in high school: Advanced Placement, Concurrent Courses, and PSEO Courses. See below for more details on each of these options.

### ADVANCED PLACEMENT CLASSES (Iowa Code 261E.4)

Starmont will make available advanced placement courses to its resident students through the Iowa Online AP Academy (IOAPA). The Iowa Online Advanced Placement Academy (IOAPA) has been established to deliver Advanced Placement (AP) courses to high school students across the State of Iowa utilizing on-line technology and the Iowa Communications Network (ICN). AP gives students an opportunity to take college-level courses and exams while still in high school. Please see the school counselor for more information about available courses.

### CONCURRENT COURSES

A concurrent enrollment program is established to promote rigorous academic or career and technical pursuits and to provide a wider variety of options to high school students to enroll part-time in eligible

nonsectarian courses at or through community colleges. This program shall be made available to all resident students in grades nine through twelve who meet Iowa Assessment score requirements or school district equivalents. Students will be made aware of what courses will be offered, and if successfully completed, will generate college credit under the concurrent enrollment program. A comparable course must not be offered by the school district that the student attends. The school district will grant high school credit to a student enrolled in a course if the student successfully completes the course. The school district will determine the number of high school credits that will be granted to a student who successfully completes the course.

**NICC courses begin Monday, August 22th. The course drop deadline for NICC classes is , August 26<sup>th</sup>.**

## PSEO COURSES

This program allows eleventh and twelfth grade students, as well as ninth and tenth grade students identified as gifted and talented, to enroll in college courses with a four-year postsecondary institution. Through the program, students may enroll in an eligible postsecondary course if a comparable course is not offered at their school. Successful completion of the course also generates high school credit and applies towards district subject area and graduation requirements. The school district pays the eligible postsecondary institution for the cost of the course or \$250. If the student successfully completes the course, it is provided free to the student (except possible equipment purchases). If a student fails to complete the course and is not eligible for a waiver, the student or his/her parent/guardian WILL be required to reimburse the district's cost. Students must demonstrate proficiency in math, reading, and science on their most Iowa Assessment scores in order to enroll in PSEO courses.

## SAMPLE PLANS OF STUDY

### Associate's Degree Plan

*This plan is a sample of courses for students interested in pursuing an associate's degree. This plan is based on NICC's Associate Degree requirements; it will help get a jump start on this program.*

*Suggested elective classes and recommended grades to take the class are listed below.*

**\*NICC classes are in red.**

	9th Grade	10th Grade	11th Grade	12th Grade
English	English 9	English 10	English 11	English 12 Composition I Composition II Public Speaking
Math	Algebra I or Geometry	Algebra II or Geometry	Algebra II or PreCalculus	Data Analysis Statistics
Science	Physical Science	Biology	Chemistry	Physics

Social Studies	American History	World History	Intro to Psychology	Government
Financial Lit			Financial Lit	Financial Lit
PE/Health	HS PE Health	HS PE	HS PE	HS PE
Electives	Spanish I	Spanish II	Pre-employment Developmental Psychology Cultural Diversity Intro to Sociology Marriage & Family The College Experience	Pre-employment Developmental Psychology Cultural Diversity Intro to Sociology Marriage & Family The College Experience

### Nursing Track

*This plan is a sample of courses for students interested in pursuing a career in Nursing. This plan is based on NICC's Associate Degree in Nursing requirements; it will help get a jump start on this program. Suggested elective classes and recommended grades to take the class are listed below.*

*\*NICC classes are in red.*

	9th Grade	10th Grade	11th Grade	12th Grade
English	English 9	English 10	English 11	English 12 Composition I Composition II Public Speaking
Math	Algebra I or Geometry	Algebra II or Geometry	Algebra II or PreCalculus	Data Analysis Statistics Calculus I Calculus II
Science	Physical Science	Biology	Chemistry	Physics Human A&P I Human A&P II
Social Studies	American History	World History	Intro to Psychology	Government
Financial Lit			Financial Lit	Financial Lit
PE/Health	HS PE Health	HS PE	HS PE	HS PE

Electives	Spanish I	Spanish II	Pre-employment Developmental Psychology Cultural Diversity and Identity Intro. to Sociology Intro. to Nutrition Medical Terminology Dosage Calculation The College Experience	Pre-employment Developmental Psychology Cultural Diversity and Identity Intro. to Sociology Intro. to Nutrition Medical Terminology Dosage Calculation The College Experience
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**COURSE: APPLIED AUTO BASICS II: Course Number: 6410** GRADE: 11,12 NICC Course ode: AUT123 CREDIT: .50 ONE SEMESTER DESCRIPTION OF COURSE: Information and practical experience in the basic areas of automotive repair are covered in this course. It emphasizes areas expected to be taught in a high school industrial arts program. Applied Auto Basics I also serves as an overview of automotive systems for students who desire an introduction to automotive repair. Autos courses will be taught at West Delaware High School. Students are responsible for transportation. Prerequisite: Autos I (Introduction to Automotive Technology) *(NICC credit as well as Starmont High School credit will be given)*

**COURSE: CALCULUS I: Course Number: 2550** GRADE: 11,12 **NICC Course Code: MAT210** CREDIT: 0.5 ONE SEMESTER (recommended 12th grade) (Offered fall semester) PREREQUISITE: Successful completion of Algebra II and Pre-Calculus with a minimum grade of C- and qualifying Accuplacer score. DESCRIPTION OF COURSE: This course helps students gain an understanding of calculus and analytical geometry, differentiation, and application. (NICC credit as well as Starmont High School credit will be given) **This course is NCAA approved.**

**COURSE: CALCULUS II: Course Number: 2555** GRADE: 12 **NICC Course Code: MAT216** CREDIT: 0.5 ONE SEMESTER (recommended 12th grade) (Offered spring semester) PREREQUISITE: Minimum grade of C- in Calculus I DESCRIPTION OF COURSE: This course helps students gain an understanding of integral calculus and further their knowledge of analytical geometry. It emphasizes integration, inverse functions, and applications of the integral. (NICC credit as well as Starmont High School credit will be given.)

**COURSE: COMPOSITION I: Course Number: 1320** GRADE: 11,12 **NICC Course Code: NG105** CREDIT: 0.5 ONE SEMESTER PREREQUISITE: Qualifying ACT score or Accuplacer Score of 5 or higher DESCRIPTION OF COURSE: This course is a college preparatory course. Composition I is a writing course that prepares the student for the types of communication and thought essential to

academic and working-world success. The course focuses on writing as a process and is intended to help students identify and refine their own personal writing. This course will meet the English requirement for many four-year colleges and universities. Students may take Composition I and Public Speaking or Composition II instead of English 12. (NICC credit as well as Starmont High School credit will be given) **This course is NCAA approved.**

**COURSE: COMPOSITION II: Course Number: 1316 GRADE: 11,12 NICC Course Code: NG106**  
**CREDIT: 0.5 ONE SEMESTER PREREQUISITE:** A minimum grade of C- in Composition I  
**DESCRIPTION OF COURSE:** This is a writing course that focuses on writing as a process with emphasis on persuasion, evaluation, analysis, investigation, and research. Students may take Composition I and Composition II instead of English 12. (NICC credit as well as Starmont High School credit will be given) **This course is NCAA approved.**

**COURSE: CULTURAL DIVERSITY AND IDENTITY: Course Number: 4750 GRADE: 11, 12**  
**NICC Course Code: HUM108 CREDIT: 0.5 DESCRIPTION OF COURSE:** The course provides a definition of self-identity and culture which will enable students to effectively communicate and interact transculturally. As future professionals in particular disciplines, students will gain knowledge to assist them in a variety of cultural settings. The course focuses on a variety of issues concerning the nature of personal and cultural identity within our pluralistic society. This course is a hybrid course, meaning students will be broadcast over the ICN as well as online work. (NICC credit as well as Starmont High School credit will be given)

**COURSE: DEVELOPMENT PSYCHOLOGY Course Number: 4802 GRADE: 11, 12 NICC**  
**Course Code: PSY121 CREDIT: 0.5 DESCRIPTION OF COURSE:** An introductory course in human growth and development throughout the life span The developmental stages include prenatal, infancy/toddlerhood, early and middle childhood, adolescence, early, middle and late adulthood and 43 death, dying and bereavement. Human development looks at the physical, cognitive, social and emotional aspects of development at each developmental stage. Embedded in each stage are the theories and theorists of each aspect of development.

**COURSE: DOSAGE CALCULATION Course Number 6855: GRADE: 11, 12 NICC Course**  
**Code: PNN200 CREDIT: 0.5 DESCRIPTION OF COURSE:** A review of fractions and decimals, conversions of metric, apothecary, and household units, and computations of drug dosages.  
**Prerequisites: Qualifying placement score**

**COURSE: HUMAN ANATOMY AND PHYSIOLOGY I: Course Number: 3130 GRADE: 11,12**  
**NICC Course Code: BIO173 CREDIT: 0.5 ONE SEMESTER (recommended 12th grade)**  
(Offered fall semester) **PREREQUISITE:** Successful completion of high school Biology  
**DESCRIPTION OF COURSE:** This course introduces the structure and function of the human body, beginning with a study of the molecular, cellular and tissue levels, and continuing with the emphasis on selected organ systems. The general goal of this course is to observe how the different levels of organization of the human body work together. There is a lab component to

the class based on laboratory experimentation and microscopy and dissection with emphasis on atomic, cellular, tissue and organ system levels of organization. Upon successful completion of this course, students will earn 4 college credits including a one credit laboratory course. (NICC credit as well as Starmont High School credit will be given) **This course is NCAA approved.**

**COURSE: HUMAN ANATOMY/PHYSIOLOGY II: Course Number: 3132 GRADE: 11, 12 NICC Course Code: BIO165 CREDIT: 0.5 OFFERED SPRING SEMESTER** (recommended 12th grade) **DESCRIPTION OF COURSE:** This course continues the study of structure and function of the human body introduced in Human Anatomy/Physiology I, with review of the molecular, cellular, and tissue levels of organization and emphasis on selected organ systems. **NICC Prerequisite:** minimum grade of C- in Human Anatomy/Physiology I. Students will be responsible for transportation to the RAMS Center in Oelwein for this course. (NICC credit as well as Starmont High School credit will be given) **This course is NCAA approved.**

**COURSE: INTRO TO AUTO TECHNOLOGY/APPLIED AUTO I: Course Number: 6400 GRADE: 11,12 NICC Course Code: AUT102 CREDIT: .50 ONE SEMESTER** **DESCRIPTION OF COURSE:** This course introduces safety practices, an overview of systems that are a part of the Automotive Technology curriculum, and shop tools and diagnostic equipment that will be used throughout the program. Autos courses will be taught at West Delaware High School. Students are responsible for transportation. *(NICC credit as well as Starmont High School credit will be given)*

**COURSE: INTRO. TO NUTRITION Course Number 6850: GRADE: 11, 12 NICC Course Code: PNN270 CREDIT: 0.5** **DESCRIPTION OF COURSE:** A review of fractions and decimals, conversions of metric, apothecary, and household units, and computations of drug dosages. **Prerequisites: Qualifying placement score**

**COURSE: INTRODUCTION TO PSYCHOLOGY: Course Number: 4800 GRADE: 11,12 NICC Course Code: PSY111 CREDIT: 0.5 ONE SEMESTER** **DESCRIPTION OF COURSE:** This course is a college preparatory course. Introduction to Psychology involves a survey of psychology including theoretical and experimental findings and applications from areas such as physiological, learning, memory, personality, social, abnormal, and therapy. The general course goal is to gain basic principles of psychology while stimulating critical thinking and application to daily living. This a hybrid course, meaning that students will meet on campus Tuesdays and Thursdays with an on-line component. (NICC credit as well as Starmont High School credit will be given) **This course is NCAA approved.**

**COURSE: INTRO. TO SOCIOLOGY Course Number 6789: GRADE: 11, 12 NICC Course Code: SOC110 CREDIT: 0.5 ONE SEMESTER** **DESCRIPTION OF COURSE:** The basic sociological principles and basic processes of group behavior. Includes the study of social interaction, family and group life, social institutions, status and role, culture, population, structure and change, and community structures (both urban and rural).



**COURSE: MARRIAGE AND FAMILY Course Number 6888:** GRADE: 11, 12 **NICC Course Code: SOC120** CREDIT: 0.5 ONE SEMESTER DESCRIPTION OF COURSE: This course approaches marriage and the family, or alternatives, from a multidisciplinary perspective to search for our humanness, our relationships, and our potentials. The significance and complexities of relationships encourage personal knowledge, reflection, and intellectual insight.

**COURSE: MEDICAL TERMINOLOGY Course Number 6830:** GRADE: 11, 12 **NICC Course Code: HSC114** CREDIT: 0.5 ONE SEMESTER DESCRIPTION OF COURSE: The study of medical terminology as the language of medicine, with emphasis on word analysis, construction of definitions, pronunciations, and spelling of medical terms.

**COURSE: PUBLIC SPEAKING: Course Number: 1330** GRADE: 11,12 **NICC Course Code: SPC112** CREDIT: 0.5 ONE SEMESTER (recommended 12th grade) DESCRIPTION OF COURSE: This course is a college preparatory course. This course emphasizes actual speaking experiences with practice choosing subjects, analyzing audiences, and preparing and delivering a variety of extemporaneous speeches. An opportunity will be given to develop skills in listening and group discussion techniques. Students should receive enough practical experience to overcome most stage fright and cope with most simple life speaking situations. They will present a variety of speeches. This course will meet the speaking requirement for many four-year colleges and universities. Students may take Public Speaking and Composition I instead of English 12. (NICC credit as well as Starmont High School credit will be given) **This course is NCAA approved.**

**COURSE: STATISTICS: Course Number: 2450** GRADE: 11,12 **NICC Course Code: MAT156** CREDIT: 0.5 ONE SEMESTER (recommended 12th grade) PREREQUISITE: Successful completion of Algebra II with a minimum grade of C- and qualifying Accuplacer score. DESCRIPTION OF COURSE: The purpose of this course is an introduction to the basic methods of statistical reasoning. The course will help the student develop the ability to summarize data, interpret data, and draw conclusions based on the data. Upon completion of this course, the student will be able to describe and summarize data using descriptive statistical methods. They will be able to analyze relationships between variables. Students will use techniques from probability theory as an aid in interpreting sample data. (NICC credit as well as Starmont High School credit will be given) **This course is NCAA approved.**

**COURSE: THE COLLEGE EXPERIENCE Course Number 4855:** GRADE: 11, 12 **NICC Course Code: SDV179** CREDIT: 0.5 ONE SEMESTER DESCRIPTION OF COURSE: College is a new and different experience for many students. This course will convey expectations of the college culture to first-time college students. The course will provide an examination of the student's learning styles, familiarization with college resources and support services, review important study and test taking skills, development of goal setting and decision making skills, and enhancement of personal relationship skills that relate directly to success in college and beyond.

**OTHER NICC COURSES** may be offered through the Regional Academy of Math and Science (RAMS) at Oelwein or over Zoom based on student interest and district approval. If there are classes you would like to take, you need to let the High School Counselor know and classes will be scheduled on an individual basis.