



Dear Parents and Students:

This is the time when you select courses for the 2022-2023 school year. Please sit down together and examine this course description booklet carefully. The classes you take will include those required for graduation from Indianola High School and those that meet your post-secondary plans. The required classes will provide you with a well-rounded educational background in a variety of subject areas. There is enough flexibility through elective courses to allow you to explore several areas of interest. Employment entrance level skill preparation is also possible in several courses offered.

The high school educational experience should be based on your individual goals, strengths, and weaknesses, not those of your friends or other individuals. It is important to personally evaluate these items when considering your future plans. Upon considering your future plans, make high school choices that not only prepare you for a specific college major or career, but also for other post-secondary interests.

If you plan to go through the NCAA Clearinghouse, you need to be aware of the eligibility requirements. It is important to register for the courses the NCAA approves.

We hope you enjoy your high school career!

Indianola High School Staff and Administration

NOTICE OF NONDISCRIMINATION

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

504 Coordinator
Indianola Community School District
1301 East 2nd Avenue
Indianola, IA 50125
(515) 961-9500

who has been designated by the school district to coordinate the school district's efforts to comply with the regulations implementing Title VI, Title VII, Title IX, the ADA, § 504 and Iowa Code 280.3 (2007).

Table of Contents

<p>Course Selection.....5</p> <p>Indianola High School Scheduling Guidelines.....5</p> <p>Enrollment.....6</p> <p>Concurrent Enrollment Courses.....6</p> <p>Post Secondary Enrollment/Senior Year Plus.....7</p> <p>Requirements for High School Graduation.....8</p> <p>Definition of Terms.....9</p> <p>Flex Model Blended Program.....10</p> <p>Flex Course Student & Parent Contract.....11</p> <p>Senior Year Plus.....12</p> <p>HS Requirements for State Universities.....13</p> <p>How to Calculate a Student's Admission Score.....14</p> <p>2021 RAI Core Course List.....15</p> <p>NCAA Division I Academic Requirements.....16</p> <p>NCAA Division II Academic Requirements.....17</p> <p>NCAA Recruiting Rules.....18</p> <p>NCAA Information.....19</p> <p>NAIA Eligibility.....20</p> <p>LANGUAGE ARTS..... 21-27</p> <p>English 9</p> <p>Advanced English 9</p> <p>English 10</p> <p>Advanced English 10</p> <p>English 11/12 Part I</p> <p>English 11/12 Part II</p> <p>Oral Communication</p> <p>Adv Oral Comm/DMACC</p> <p>Introduction to Theatre</p> <p>Acting</p> <p>Yearbook I</p> <p>Yearbook II</p> <p>Journalism & Digital Media</p> <p>American Literature</p> <p>Survey of Literature</p> <p>Composition</p> <p>Creative Writing</p> <p>AP Language and Composition/DMACC</p> <p>AP Literature and Composition/DMACC</p> <p>AP Seminar</p> <p>AP Research</p> <p>WORLD LANGUAGES..... 28-32</p> <p>French I</p> <p>French II</p> <p>French III/DMACC</p> <p>French IV/DMACC</p> <p>German I</p> <p>German II</p> <p>German III</p> <p>German IV</p> <p>Spanish I</p> <p>Spanish II</p> <p>Spanish III/DMACC</p> <p>Spanish IV/DMACC</p> <p>SOCIAL STUDIES..... 33-38</p> <p>World History: 20th Century to Present</p> <p>Contemporary World Issues</p> <p>Advanced Placement European History</p> <p>Advanced Placement World History: Modern</p> <p>United States History</p> <p>Advanced Placement United States History</p> <p>Sociology</p> <p>Psychology</p> <p>Advanced Placement Psychology</p>	<p>United States Government</p> <p>Advanced Placement United States Government</p> <p>Economics & Financial Literacy</p> <p>MATHEMATICS..... 39-46</p> <p>Algebra I</p> <p>Advanced Algebra I</p> <p>Advanced Geometry</p> <p>Advanced Algebra II</p> <p>Trigonometry/Pre-Calculus</p> <p>Geometry</p> <p>Algebra II</p> <p>College Algebra/DMACC</p> <p>Advanced Placement Calculus AB/DMACC</p> <p>General Math A</p> <p>General Math B</p> <p>Applied Mathematics I/DMACC</p> <p>Applied Mathematics II/DMACC</p> <p>Algebra II Part 1 (placement only)</p> <p>Algebra II Part 2 (placement only)</p> <p>Statistics/DMACC</p> <p>Advanced Placement Calculus BC/DMACC</p> <p>Pre-Algebra I (placement only)</p> <p>Pre-Algebra II (placement only)</p> <p>SCIENCE..... 47-53</p> <p>Science 9</p> <p>Advanced Chemistry</p> <p>Biology</p> <p>Advanced Biology</p> <p>Physical Science</p> <p>Comparative Anatomy</p> <p>Chemistry</p> <p>Advanced Placement Biology/DMACC</p> <p>Advanced Placement Chemistry</p> <p>Physics</p> <p>Anatomy & Physiology</p> <p>Anatomy & Physiology/DMACC</p> <p>Forensic Science</p> <p>PROJECT LEAD THE WAY..... 54-56</p> <p>Intro to Engineering</p> <p>Computer Science Essentials</p> <p>Principles of Engineering</p> <p>Computer Science Principles</p> <p>Cybersecurity</p> <p>FINE ARTS - MUSIC..... 57-61</p> <p>A Cappella Choir</p> <p>Indianola Singers</p> <p>Bel Canto</p> <p>Cantare</p> <p>Apollo Chorus</p> <p>Band 9-12</p> <p>Color Guard</p> <p>Orchestra</p> <p>Music Fundamentals/DMACC</p> <p>Music History Appreciation/DMACC</p> <p>FINE ARTS - VISUAL..... 62-65</p> <p>Art I</p> <p>Ceramics</p> <p>Sculpture</p> <p>Drawing</p> <p>Painting</p> <p>Advanced Ceramics</p> <p>Advanced Sculpture</p>
---	--

Graphic Design
Advanced Drawing
Advanced Painting
Photography I
Photography II

COMPUTER AND BUSINESS EDUCATION 66-69

Business Technology Basics
Business Technology
Microsoft Office Applications/DMACC
Accounting I
Accounting II/DMACC
Accounting III
Introduction to Marketing
Personal Finance
Personal & Business Law
School-2-Career/DMACC

FAMILY AND CONSUMER SCIENCE 70-72

Foods I
Foods II
Introduction to Hospitality
Child Care I
Child Care II

INDUSTRIAL TECHNOLOGY 73-75

Fundamentals in 2D Drafting
Applications in 3D Drafting
Construction Tools and Materials
Architectural Drafting I
Architecture & Construction
Construction Techniques I
Woodworking

AGRICULTURE EDUCATION 76-78

Intro to AFNR
Animal Science
Natural Resources
Horticulture
Advanced Animal Science
Biotechnology in Agriculture
Agricultural Business
Agricultural Leadership I
Agricultural Leadership II

HEALTH AND PHYSICAL EDUCATION 79-82

Health I
Health II
Individual/Personal Fitness
Individual/Dual Recreation Activities
Team Games/Activities & Sports
Total Body Fitness & Conditioning-Beginner
Total Body Fitness & Conditioning-Advanced
Early Bird Physical Education
Peer Physical Education

DMACC SOUTHRIDGE CAREER ACADEMY.. 83-85

DMACC-CAcd Auto Collision
DMACC-CAcd Automotive Technology
DMACC-CAcd Business and Marketing
DMACC-CAcd Criminal Justice
DMACC-CAcd Health Occupations
DMACC-CAcd Human Services/Social Work
DMACC-CAcd Teacher Academy
DMACC-CAcd Welding
DMACC-CAcd Computer Programming Year 1
DMACC-CAcd Computer Programming Year 2

GUIDANCE 86-87

Sprint-In-Depth, Independent Study
Senior Year Plus
Service Learning

ESOL88

ESOL Development

SPECIAL NEEDS LEVELS 1, 2, 3 89-96

Level 1 and 2 Courses
Level 3 Courses

ONLINE LEARNING PROGRAM 97-104

Online English 9
Online English 10
Online English 11/12
Online Film Appreciation
Online Writing
Online United States History
Online World History
Online Sociology
Online Economics
Online United State Government
Online Algebra I
Online Geometry
Online Consumer Math
Online Foundations of Math
Online Science 9
Online Biology
Online Earth Science
Online Physical Science
Introduction to Online Learning
Online Personal Finance
Online Child Care
Online Fitness for Life 1
Online Fitness for Life 2
Online Fitness for Life 3
Online 20 Time Project-Based Learning
Online Financial Literacy
Online Elective - TBD
Online Media Literacy
Online Elective - TBD
Online Service Learning

Course Selection

High school requirements are set to provide students with a well-rounded educational background in a variety of subject areas. Students will have enough flexibility through elective courses to be able to explore several areas of interest. Employment entrance level skills preparation is also possible in several of the vocational courses offered.

It is important that students maintain enough flexibility in course choices so they are not only prepared for a specific college major or career, but also for other post-secondary interests. These options include entering the job market immediately, entering the military, attending an appropriate vocational or technical school, or attending a two or four year college. By successfully completing Indianola High School graduation requirements and meeting grade and entrance test requirements, any student could conceivably enter a post-secondary education program. It is essential that a student maintain a good achievement level and attendance record for this to be accomplished.

REMEMBER:

1. Consider course selections carefully and discuss them with your parents, counselors, and/or appropriate teachers.
2. Requirements for graduation are set to help you experience a variety of subject areas in hopes of improving your basic skills, and helping you discover your interests and areas of ability.
3. Elective courses allow you to experience new areas or to concentrate on a particular curricular area.

Indianola High School Scheduling Guidelines

Schedule changes **will be** made for the following reasons:

1. Office error
2. Change in career plan
3. Failed classes need to be scheduled

Schedule changes **will not** be made for the following reasons:

1. Student wants a different lunch period
2. To arrange "opens"
3. To be with friends
4. To change teachers (unless principal approved)

Students wishing to drop a college entrance required course must bring a note from their parent/guardian or have contact with the counselor. Students will be expected to pick up a drop/add form and get the appropriate teachers' signatures. Drop/add forms must be turned into the counselor within 3 days.

Students who have failed a required course or are likely to fail a required course are responsible for contacting their counselor. This needs to be done prior to the end of the semester to schedule a time to retake the course for the student. It is primarily the student's responsibility to keep track of his/her own required courses, grades, and credits.

**Student schedule changes are to be made only by
the guidance office or a building principal.**

Enrollment

Students are encouraged to maximize the productivity of their time during the school day. Students are required to enroll in a minimum of six (6) academic classes each semester. **Schedule changes can be made prior to the start of the second week of the first semester and prior to Winter Break for the second semester.** After that time, changes are made only if the change is deemed necessary by one of the building principals, counselor, or teacher. Parents may be asked to send a permission slip for students dropping yearlong classes after completing only one semester. A student may be changed from one section to another at the discretion of the building principals. This will only be done to accommodate class size, or to allow a student to be in a section where he/she can be more successful.

Concurrent Enrollment Courses

Students in grades 9-12 have the opportunity to take classes on our campus for Des Moines Area Community College credit at no cost to the student or his/her family. If a student is interested in this option they need to see their guidance counselor. **The DMACC courses do not have weighted grades.** Students taking these classes will have a separate college transcript generated by DMACC. **Students taking concurrent enrollment courses must take the course for college credit. Students taking a DMACC Math course for concurrent enrollment credit will need to meet the required score of 30% on the ALEKS Assessment to enroll in the course. Students who have earned a C- or higher in a pre-requisite DMACC math course within the previous 18 months from the date of enrollment will be exempt. Drop date without consequences will be determined by DMACC. If the class is dropped for DMACC credit it will also be dropped for high school credit.**

Post-Secondary Enrollment Option/Senior Year Plus

The program allows 11th and 12th grade students as well as 9th and 10th grade students identified as talented and gifted by their local district to enroll in college courses. Students may receive credits that count toward the graduation requirements set out by the board for courses successfully completed in post-secondary educational institutions. High school students may attend a post-secondary educational institution during the summer months when school is not in session if the student pays for the courses. Successful completion of the course is determined by the post-secondary educational institution. Upon successful completion of these summer courses, the students may receive credit toward the graduation requirements set out by the board at the discretion of the principal. The following factors are considered in the determination of whether a student will receive credit toward the graduation requirements set out by the board for a course at a post-secondary educational institution:

- the course is taken from a public or accredited private post-secondary educational institution;
- a comparable course is not offered in the school district. A comparable course is one in which the subject matter or the purposes and objectives of the course are similar, in the judgment of the board, to a course offered in the school district;
- the course is in the discipline areas of mathematics, science, social sciences, humanities, career tech education, or a course offered in the community college career options program;
- the course is a credit-bearing course that leads to a degree;
- the course is not religious or sectarian; and
- the course meets any other requirements set out by the board.

Students who take post-secondary educational courses are responsible for transportation without reimbursement to and from the location where the course is being offered. The Indianola Community School District is responsible for the cost of up to \$250 per approved post-secondary enrollment course students take during the school year. Students who take courses during the summer months when school is not in session are responsible for the costs of attendance for the courses. The superintendent is responsible for annually notifying students and parents of the opportunity to take courses at post-secondary educational institutions in accordance with this policy. The superintendent will also be responsible for developing the appropriate forms and procedures for implementing this policy.

ref. School Board Policy 604.6

Mandatory Dates

Students must be enrolled by May 6, 2022 for Semester 1 for 2022-2023

Students must be enrolled by November 4, 2022 for Semester 2 for 2022-2023

Requirements for High School Graduation

(One semester equals one credit, unless noted.)

Language Arts..... 8 credits

- 2 – 9th Grade Level
- 2 – 10th Grade Level
- 1 – Literature Elective
- 3 – Language Arts Electives

Social Studies 6 credits

- 2 - United States History
- 1 – World History
- 1 – Behavioral Science
- 1 – Economics & Financial Literacy
- 1 – United States Government

Math 6 credits

- 2 – 9th Grade Level
- 2 – 10th Grade Level
- 2 – Electives

Science 6 credits

- 2 – 9th Grade Level
- 2 – Biological
- 2 – Electives

Technology..... 1 credit

Business Technology Basics, Business Technology, Microsoft Office Applications, Project Lead the Way courses, Fundamentals in 2D Drafting, Graphic Design

Fine Arts or Vocational 1 credit

Physical Education 4 credits (1 credit each year grades 9 – 12)

Electives..... 16 credits

Total Credits for Graduation 48 Credits

Definition of Terms

Academic Subject

An academic subject is a course of study which meets daily for a minimum of one class period or an equivalent time.

Credit

The numerical designation assigned for passing one semester of a course. Most academic subjects receive one credit per semester.

Elective

An elective subject or course is one chosen from course offerings but not required for graduation. These may be in advanced study in a required subject area or exploratory courses in a variety of interest areas.

Prerequisite

The requirement which must be met by establishing a successful record and a passing grade for a particular course prior to another course being taken, e.g. Spanish I is a prerequisite for Spanish II.

Required Course

Any course necessary to meet specific requirements set for graduation by the State of Iowa and the Indianola Community Schools Board of Education.

Advanced Placement Courses and Weighted Grades

The following Advanced Placement courses are offered at Indianola High School, and are graded on a 5-point scale: Language & Composition, Literature & Composition, Seminar, Research, United States History, European History, World History: Modern, United States Government, Psychology, Calculus A/B, Calculus B/C, Biology and Chemistry. Students transferring into our school that have taken AP classes at another school will use the weighted grade scale. Cumulative grade point average will be calculated for all students using weighted grades and a true class rank will be determined. Even though the weighted grading scale is based on a five- point scale, a grade of F is given 0 quality points toward the student's grade point average.

Advanced Placement/DMACC Courses

The following Advanced Placement courses are offered at Indianola High School on a 5-point scale and can be awarded DMACC College Credit upon successful completion of the course. The courses are: Advanced Placement Language and Composition/DMACC ENG105 and ENG106, Advanced Placement Literature and Composition/DMACC LIT101 and LIT185, Advanced Placement Calculus AB/DMACC MAT211, Advanced Placement Calculus BC/DMACC MAT217, AP Biology/DMACC BIO112 and BIO113. All other DMACC courses **DO NOT** have weighted grades.

Concurrent Enrollment Courses

Students in grades 9-12 have the opportunity to take classes on our campus for DMACC College credit at no cost to the student or his/her family. If a student is interested in this option they need to see their guidance counselor. **The DMACC courses (unless advanced placement) do not have weighted grades.** Students taking these classes will have a college transcript generated by DMACC. **Students taking concurrent enrollment courses must take the course for college credit. Students taking a DMACC Math course for concurrent enrollment credit will need to meet the required score of 30% on the ALEKS Assessment to enroll in the course. Students who have earned a C- or higher in a pre-requisite DMACC math course within the previous 18 months from the date of enrollment will be exempt. Drop date without consequences will be determined by DMACC. If the class is dropped for DMACC credit it will also be dropped for high school credit.**



FLEX MODEL BLENDED PROGRAM INDIANOLA HIGH SCHOOL

Flex model blended courses at Indianola High School are non-traditional, face-to-face courses. Students will be assigned a dedicated class period. Like any blended course, some course work will be with the teacher and peers in class while some learning will occur online. In a flex course, all students attend class with the teacher for an initial period of time. Students begin the course with support and structure provided by the teacher, building focus and time management skills. The teacher uses the initial period to teach students clear expectations, technology tools the class will utilize, and how to access important class communication.

After the initial period, teachers schedule class time around the needs of the course. Some days are whole-class days where everyone is present, while others may be small-group days where only students belonging to that group need to attend class. Students not in class will be engaged in online learning out of class. Some days may be designated for one-on-one help; students can meet with the teacher privately for goal-setting or project feedback. The teacher will clearly communicate the schedule to students and parents so they know when students must be in class and when they may be off-campus.

Any student choosing to take a flex-model course at Indianola High School must be a junior or senior and have a history of good attendance and passing classes.

Courses with a Flex Model Blended Option for the 2022-2023 school year include:

- Sociology
- Physics
- AP Literature & Composition/DMACC
- Statistics/DMACC
- College Algebra/DMACC

FLEX COURSE STUDENT & PARENT CONTRACT

Flex model blended courses at Indianola High School are non-traditional, face-to-face courses. Students will be assigned a dedicated class period. Like any blended course, some course work will be with the teacher and peers in class while some learning will occur online. In a flex course, all students attend class with the teacher for an initial period of time. Students begin the course with support and structure provided by the teacher, building focus and time management skills. The teacher uses the initial period to teach students clear expectations, technology tools the class will utilize, and how to access important class communication.

After the initial period, teachers schedule class time around the needs of the course. Some days are whole-class days where everyone is present, while others may be small-group days where only students belonging to that group need to attend class. Students not in class will be engaged in online learning out of class. Some days may be designated for one-on-one help; students can meet with the teacher privately for goal-setting or project feedback. The teacher will clearly communicate the schedule to students and parents so they know when students must be in class and when they may be off-campus.

Any student choosing to take a flex-model course at Indianola High School must be a junior or senior and have a history of good attendance and passing classes. They will also need to agree to the following terms. Parents will also have to agree and sign below.

As a student choosing to engage in this type of learning, I agree that:

- I have passed (or will) the self-paced online module called Intro to Blended Learning.
- I will be self-directed and take responsibility for my learning.
- I will manage my time, meeting deadlines for this course as I would for any other.
- I will reserve the class period each day for work on this class and will be there when required. I will NOT schedule my job, appointments, another class, etc. during this class period. I will be available to attend class any day the teacher requests my presence.
- I understand that the attendance policy applies to any days I am supposed to be in class.
- I will check communication from my teacher daily.
- I will contact my teacher via email or during class when I have questions or concerns. I will be my own advocate rather than my parent taking responsibility for that role.
- I will utilize school internet or the online learning center and learn how to download items for offline use if I don't have reliable internet at home.

Student Signature & Date

Parent Signature & Date

INDIANOLA HIGH SCHOOL

SENIOR YEAR PLUS

REQUIREMENTS

Enacted by the Iowa legislature, **Senior Year Plus** was created to provide increased and more equal access to college credit courses. Courses delivered through Senior Year Plus provide students the opportunity to take a rigorous college curriculum and receive, in many cases, both high and college credit concurrently. At Indianola High School joint-enrolled courses include:

- Concurrent Enrollment Courses
 - ✓ On-site college level courses
- Post-Secondary Enrollment Options Act courses (PSEO)

The state guidelines **now require all** students** enrolling in Senior Year Plus eligible courses (starting the fall of 2010) to be proficient in **Reading** (Reading Comprehension Test), **Math** (Mathematics Concepts and Problem Solving Test), and **Science** (Analysis of Science Materials) as assessed through Iowa Statewide Assessment of Student Progress tests.

CRITERIA ENSURING ACADEMIC PROFICIENCY AS REQUIRED BY (SYP):

The student must demonstrate proficiency on the **Reading**, **Math**, & **Science** portions of the Iowa Statewide Assessment of Student Progress tests. Proficiency is determined by using the standard score metric specific to grade, content, and time of year. See below:

9th Grade
Math – 249
Science – 250
Reading – 249

10th Grade
Math – 257
Science – 258
Reading – 257

11th Grade
Math – 263
Science – 265
Reading – 263

If a student at Indianola High School is not proficient as described above, an Indianola High School student may meet the requirement by fulfilling **one of the following three** requirements.

- The student has received a **B** grade or better (in both semesters of each course) in these related high school courses (**Language Arts: English/Reading**, **Math: Algebra I**, and **Science: Biology**).
- The student demonstrates proficiency on the **Reading**, **Math**, & **Science** portions of the American College Testing exam (**ACT**). Proficiency is a score of **18** or higher in each academic subject assessment area.

High School Requirements for State Universities

To Enter:	The University of Northern Iowa	The University of Iowa	Iowa State University
English	4 year, including one year of composition: also may include one year of speech, communication, or journalism	4 years with an emphasis on the analysis and interpretation of literature, composition, and speech	4 years of English/language arts emphasizing writing, speaking, and reading, as well as an understanding and appreciation of literature.
Math	3 years, including algebra I, geometry, and algebra II.	3 years, including two years of algebra, one year of geometry for admission to the college of Liberal Arts. 4 years, including two years of algebra, one year of higher mathematics (trigonometry, analysis, or calculus) for admission to the College of Engineering.	3 years, including one year each of algebra, geometry, and advanced algebra.
Science	3 years, including courses in general science, biology, chemistry, earth science, or physics: laboratory experience highly recommended	3 years, including one year each from any two of the following: biology, chemistry, and physics for admission to the College of Liberal Arts. 3 years, including at least one year of chemistry and one year of physics for admission to the College of Engineering.	3 years, including one year each of courses from two of the following fields: biology, chemistry, and physics.
Social Studies	3 years, including courses in anthropology, economics, geography, government, history, psychology, or sociology.	3 years with US and world history recommended for admission to the College of Liberal Arts. 2 years with US and world history recommended for admission to the College of Engineering.	2 years, including one year US history and one semester of US government for admission to the Colleges of Agriculture, Business, Design, Education, Engineering, and Family and Consumer Sciences. 3 years, including one year of US History and one semester of US Government for admission to the College of Liberal Arts and Sciences.
Foreign Language	Foreign Language courses are not required for admission to UNI. (These courses may be used to meet University graduation requirements.)	2 years of one foreign language for admission to the College of Liberal Arts. 2 years of one foreign language, (freshmen may be admitted to the College of Engineering on a conditional basis with an opportunity to complete two semesters of a foreign language at the University.)	Foreign language courses are not required for admission the Colleges of Agriculture, Business, Design, Education, and Family and Consumer Sciences. 2 years of a single foreign language for admission to the College of Engineering and the College of Liberal Arts and Sciences.
Electives	2 years of additional courses from the required subject areas, foreign languages, or fine arts.	Elective courses are not required for admission to the University of Iowa.	Elective courses are not required for admission to Iowa State University.

How to Calculate a Student's Admission Score

Beginning in 2009, Iowa high school graduates who want to gain automatic admission to Iowa's public universities must score a 245 or above on the Regent Admission Index.

FORMULA:

(2 X ACT composite score)

+

(1 X high school rank)

(20 X high school GPA)

(5 X number of core-
subject-area courses
completed in high school)

HOW TO COMPUTE:

ACT composite score has a top value of 36. (SAT score will be converted to ACT composite equivalents)

High school rank is expressed as a percentile, with 99 (the 99th percentile) as the top value.

High school GPA is expressed on a 4-point scale.

Number of core courses is expressed in terms of years or fractions of years of study.

EXAMPLE:

an example student earned an ACT score of 24, (24 X 2) 48

+

was ranked in the 50th percentile, (50)

50

+

earned a 3.5 grade-point average, (20 X 3.5)

70

+

and completed 18 core courses. (5 X 18)

90

TOTAL	258
--------------	------------

Students may go to the following website and enter their information to calculate their RAI score: www.regents.iowa.gov/RAI/index.html

2021 RAI Core Course List

Admission of freshmen to the Iowa Regent universities is based on the Regent Admission Index (RAI) formula described below. In addition, applicants must meet the minimum high school course requirements for the university they wish to enter.

$$\frac{\begin{aligned} &(3 \times \text{ACT composite score}) \\ &+(30 \times \text{high school GPA}) \\ &+(5 \times \text{number of years of high school core courses}) \end{aligned}}{\text{Regent Admission Index Score}}$$

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

Freshman applicants who achieve at least a 2.45 RAI score and who meet the minimum number of high school courses required by the Regent universities will qualify for automatic admission to any of the three Regent universities. Freshman applicants who achieve less than a 2.45 RAI score may also be admitted to a specific Regent university; however, each Regent university will review these applications on an individual basis and the admission decision will be specific to each institution.

INDIANOLA HIGH SCHOOL, CORE COURSES APPROVED FOR RAI

Source: 2020-2021 SRI Winter data.

(Note: course numbers in parentheses refer to community college course numbers.)

English	Yrs*	Math	Yrs*	Science	Yrs*	Social Studies	Yrs*	World Languages	Yrs*
Adv English 09	1	Adv Algebra 1	1	Adv Biology	1	AP Psychology	1	Elem French I [FLF151]	0.5
Adv English 10	1	Adv Algebra 2	1	Adv Chemistry	1	AP U.S. Government	0.5	Elem French II [FLF152]	0.5
American Literature	0.5	Adv Geometry	1	Anatomy & Physiology	1	AP World History	1	French 1	1
AP Lang & Comp [ENG105]	0.5	Algebra 1	1	Anat & Phys I [BIO168]	0.5	Early Modern World History	1	French 2	1
AP Lang & Comp [ENG106]	0.5	Algebra 2	1	Anat & Phys II [BIO173]	0.5	Economics & Financial Literacy	1	German 1	1
AP Lit & Comp [LIT101]	0.5	AP Calculus AB [MAT129]	0.5	AP Chemistry	1	Economics (online)	0.5	German 2	1
AP Lit & Comp [LIT185]	0.5	AP Calculus AB [MAT211]	0.5	Biology	1	Psychology	1	German 3	1
Composition	0.5	AP Calculus BC [MAT217]	0.5	Chemistry	1	Sociology	0.5	German 4	1
Creative Writing	0.5	College Algebra [MAT121]	0.5	Comparative Anatomy	0.5	U.S. Government	1	Intermediate French I [FLF241]	0.5
English 09	1	Geometry	1	General Biology I [BIO112]	0.5	U.S. Government (online)	0.5	Spanish 1	1
English 10	1	Statistics [MAT157]	0.5	General Biology II [BIO113]	0.5	U.S. History	1	Spanish 2	1
English 11/12 (online)	0.5	Trigonometry/Pre-Calculus	1	Physical Science	1	World History (online)	0.5	Spanish 3	1
English 11/12 Part 1	1			Physics	1	World History 20 th Century to Present	0.5	Spanish 4	1
English 11/12 Part 2	1			PLTW-Principles of Engrg [EGT410]	0.5				
Oral Communication	0.5			Science 09	1				
Survey of Literature	1								
Writing (online)	0.5								
Yearbook 1	1								
Yearbook 2	1								
Yearbook 3	1								

NCAA ELIGIBILITY CENTER QUICK REFERENCE GUIDE



NCAA DIVISION I ACADEMIC REQUIREMENTS

College-bound student-athletes will need to meet the following academic requirements to practice, receive athletic scholarships, and/or compete during their first year.

Core-Course Requirement

Complete 16 core courses in the following areas:

ENGLISH 4 years	MATH (Algebra I or higher) 3 years	NATURAL/ PHYSICAL SCIENCE (One year of lab, if offered) 2 years	ADDITIONAL ENGLISH, MATH OR NATURAL/ PHYSICAL SCIENCE 1 year	SOCIAL SCIENCE 2 years	ADDITIONAL COURSES (Any area listed to The left, foreign Language or Comparative Religion/philosophy) 4 years
--------------------	---	--	--	------------------------------	--

Full Qualifier

- Complete 16 core courses.
 - Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
 - Seven of the 10 core courses must be in English, math or science.
- Earn a core-course GPA of at least 2.300.
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

Academic Redshirt

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

Full Qualifier: College-bound student-athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division I school.

Academic Redshirt: College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

Non-qualifier: College-bound student-athletes cannot practice, receive athletics scholarships or compete during their first year of enrollment at an NCAA Division I school.

NCAA ELIGIBILITY CENTER QUICK REFERENCE GUIDE



2018 DIVISION II NEW ACADEMIC REQUIREMENTS

College-bound student-athletes first enrolling at an NCAA Division II school on or after August 1, 2018, need to meet new academic rules to practice, compete and receive athletics scholarships during their first year.

Core-Course Requirement

Complete 16 core courses in the following areas:

ENGLISH 3 years	MATH (Algebra I or higher) 2 years	NATURAL/ PHYSICAL SCIENCE (One year of lab, if offered) 2 years	ADDITIONAL (English, Math, or natural / physical science) 3 years	SOCIAL SCIENCE 2 years	ADDITIONAL COURSES (English, math, natural / physical science, social science, foreign language, comparative religion or philosophy) 4 years
--------------------	---	--	---	------------------------------	---

Full Qualifier

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.200.
- Earn the ACT/SAT score matching your core-course GPA on the Division II full qualifier sliding scale (see back page).
- Graduate high school.

Partial Qualifier

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn the ACT/SAT score matching your core-course GPA on the Division II partial qualifier sliding scale (see back page).
- Graduate high school.

Full Qualifier: College-bound student-athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division II school.

Academic Redshirt: College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

Non-qualifier: College-bound student-athletes may not practice, compete or receive athletics scholarships during their first year of enrollment at an NCAA Division II school.

NCAA Recruiting Rules

Junior golfers should be aware of the NCAA's strict rules, so the following information is intended to help assist players and parents in this process.

For any recruiting questions please call the NCAA directly at (317) 917-6222. You may also request a copy of the NCAA Guide for the College-Bound Student-Athlete free of charge at this number or on the NCAA Web site at ncaa.org.

I. Rules of Recruiting

The following tips about the Division I recruiting process can be found on the NCAA's Web site, ncaa.org. When you start ninth-grade classes, you become a "prospective student-athlete."

You become a "recruited prospective student-athlete" at a particular college if any coach or representative of the college's athletics interests (booster or representative) contacts you (or any member of your family) about enrolling and participating in athletics at that college. Activities by coaches or boosters that cause you to become a recruited prospective student-athlete are:

Providing you with an official visit; Placing more than one telephone call to you or any other member of your family; or Visiting you or any other member of your family anywhere other than the college campus.

No alumni, boosters or representatives of a college's athletics interests can be involved in your recruiting. You (or your family) may not receive any benefit, inducement or arrangement such as cash, clothing, cars, improper expenses, transportation, gifts or loans to encourage you to sign a National Letter of Intent or attend an NCAA college.

Letters from coaches, faculty members and students are not allowed until September 1 at the beginning of your junior year of high school.

Telephone Calls

Phone calls from faculty members and coaches are not permitted until July 1 after the completion of your junior year. After this, a college coach or faculty member may call you (or your parents/legal guardians) once a week. You (or your parents) may call a coach at your expense as often as you wish after your junior year. Coaches may also accept collect calls from you and may use a toll-free number to receive telephone calls from you on or after July 1 after completion of your junior year.

Contacts

A college coach may contact you in person off the college campus no more than three times on or after July 1 of your junior year. Any face-to-face meeting between a college coach and you or your parents, during which any of you say more than "hello" is a contact. Also, any face-to-face meeting that is prearranged or that occurs at your high school, competition or practice site is a contact, regardless of the conversation. Coaches may not contact you off the college campus more than three times. A college coach may visit your high school (with the approval of your high school principal) only once a week during a contact period.

Evaluations

An evaluation is any off-campus activity used to assess your academic qualifications or athletics ability, including a visit to your high school (during which no contact occurs) or watching you practice or compete at any site. Institutions have seven permissible recruiting opportunities (contacts and evaluations) during the academic year, and not more than three of the seven opportunities may be in-person, off-campus contacts. Once you sign a National Letter of Intent, you may be evaluated an unlimited number of times by the college with which you have signed.

Official Visits

During your senior year, you can have one expense-paid (official) visit per college. You may receive no more than five such visits. You cannot have an official visit unless you have provided the college your high school academic transcript and a score from a PSAT, an SAT, a PACT or an ACT taken on a national test date under national testing conditions.

NCAA Initial-Eligibility Clearinghouse

At the beginning of your sophomore year, you should sign up for the NCAA Initial-Eligibility Clearinghouse, which are minimum requirements to participate in Division I and II athletics. For registration materials, contact your high school guidance counselor or call the NCAA at (319) 337-1492.

For questions or more information on NCAA Rules and Recruiting Information, please call (317) 917-6222.

To receive NCAA Initial-Eligibility Clearinghouse registration materials from NCAA, please call (319) 337- 1492.

NCAA Eligibility Center mailing address:

NCAA Eligibility Center P.O. Box 7136 Indianapolis, IN 46207

Customer service hours - 8 a.m. to 6 p.m. Eastern time Monday through Friday. Toll-free phone number (U.S. callers) - Customer service line - (877) 262-1492

National Letter of Intent

A National Letter of Intent is an agreement signed by the prospective student-athlete, parent or legal guardian and the athletic director. The agreement states that the institution agrees to provide the prospective student-athlete, who is admitted to the institution and is eligible for financial aid under NCAA rules, athletic aid for one academic year in exchange for the prospects agreement to attend the institution for one academic year.

Also, other institutions agree not to recruit a prospective student-athlete once he/she signs a NLI. The prospective student-athlete will no longer receive recruiting calls and is ensured an athletic scholarship for one academic year once the NLI is signed.

II. NCAA Contact Information

For more information on National Letters of Intent, please contact:

National Letter of Intent P.O. Box 7132 Indianapolis, IN 46207-7132 Phone: (317) 223-0706
Questions@national-letter.org

NAIA ELIGIBILITY

NAIA Eligibility

The NAIA Eligibility Center will determine your eligibility based on your academic record and additional information you provide. Here's how it works:

High School Students

If you will graduate from high school this spring and enroll in college this coming fall, the requirements are simple. High school graduation, plus **two out of three** of these requirements

ACHIEVE A MINIMUM
OF 18 ON THE ACT
OR 860 ON THE SAT.

ACHIEVE A MINIMUM
OVERALL HIGH SCHOOL
GPA OF 2.0 ON A 4.0 SCALE.

GRADUATE IN THE TOP
HALF OF YOUR HIGH
SCHOOL CLASS.

Early Decisions for High School Seniors

Students who have completed their junior year of high school with an overall 3.00 GPA on a 4.00 scale OR students who have completed the first half of senior year with an overall 2.5 GPA on a 4.00 scale, plus the minimum test scores required (18 ACT or 860 SAT), may receive an eligibility decision prior to high school graduation. To receive an early decision, register with the NAIA Eligibility Center, have your high school send official transcripts to the Eligibility Center and contact ACT or SAT to have their test scores sent directly (the NAIA code is 9876 with ACT and SAT).

Transfer Students

If you're [transferring from a two- or four-year college](#) and **never played previously in the NAIA**, the Eligibility Center will determine your eligibility based on academic records received directly from the previous institution(s).

Current NAIA Students Playing Sports for the First time

If you're a current NAIA student who has not previously competed in the NAIA, the Eligibility Center will determine your eligibility based on academic records received directly from your current institution and any previous institution(s) you've attended.

Have You Taken Time Off?

Some students will also need to provide more detailed information about their participation in sports outside the college setting. This information will be required if you:

- Graduated from high school and did not enroll in college full-time the following fall
- Did not maintain continuous enrollment in college (e.g., withdrew from college for one or more semesters/quarters)
- Did not participate in college sports for one or more years during your collegiate enrollment

NAIA Ongoing Eligibility Rules

For students already enrolled at NAIA institutions, your best resource for eligibility questions is your campus Faculty Athletics Representative. The [NAIA Official Handbook](#) outlines all association rules governing eligibility.

Language Arts Course Numbers

Class	Semester 1	Semester 2	Year/ Semester	Available
English 9	1000	1005	Year	9
Advanced English 9	1010	1015	Year	9
English 10*	1020	1025	Year	10
Advanced English 10*	1030	1035	Year	10
English 11/12 Part I*	1050	1055	Year	11-12
English 11/12 Part II*	1090	1095	Year	11-12
Oral Communication	1190	1195	Sem	9-12
Adv Oral Comm/DMACC~	1430	1435	Sem	11-12
Introduction to Theatre	1210		Sem	9-12
Acting*		1225	Sem	9-12
Yearbook I*	1160	1165	Year	10-12
Yearbook II*	1170	1175	Year	11-12
Journalism & Digital Media	1180	1185	Sem	9-12
American Literature*	1060	1065	Year	11-12
Survey of Literature*	1070	1075	Sem	11-12
Composition*	1080	1085	Sem	11-12
Creative Writing*	1110	1115	Sem	11-12
Advanced Placement Language & Composition/DMACC*~	1120	1125	Year	11-12
Advanced Placement Literature & Composition/DMACC*~	1130	1135	Year	11-12
Advanced Placement Seminar*	1191	1196	Year	10
Advanced Placement Research*	1192	1197	Year	11-12

*Prerequisite for course
~DMACC Credit Class

■English 9

Grade: 9
Prerequisite: None

Credit: 2
Semester: Year

Course Description

English 9 will reinforce fundamental reading, writing, speaking, and listening skills. A new emphasis will be placed on analytical thinking skills. Grammar, spelling, work on vocabulary skills and usage will be taught within the context of, and be applied to, the students' reading and writing. Students will study a wide range of literature including novels, short stories, epic poetry, drama and nonfiction. Independent reading projects will be assigned to supplement whole class assignments. Additional Considerations: possesses attributes for success (self-directed, able to complete homework independently)

■Advanced English 9

Grade: 9
Prerequisite: None

Credit: 2
Semester: Year

Course Description

Advanced English 9 will emphasize analytical reading, writing, thinking, and listening skills. Students will study a wide range of challenging literature including novels, drama, and nonfiction. Students will be expected to complete rigorous independent reading projects along with whole-class assignments. This course is for the highly qualified student. **Students will be enrolled in this course based on an English 8 teacher recommendation, standardized reading test scores (above 70th percentile), and previous academic record (good attendance, strong work ethic, self-directed).**

■English 10

Grade: 10
Prerequisite: English 9

Credit: 2
Semester: Year

Course Description

English 10 emphasizes reading, writing, speaking, and listening. Higher level thinking skills are emphasized: evaluating, interpreting and appreciating literature. It includes the study of drama, poetry, short story, the novel and non-fiction. Additional Considerations: must have passed English 9, possesses attributes for success (self-directed, able to complete homework independently)

■Advanced English 10

Grade: 10
Prerequisite: Advanced English 9

Credit: 2
Semester: Year

Course Description

This course is designed for students with a strong aptitude for reading and writing and who intend to take Advanced Placement Language and Composition and/or Advanced Placement Literature and Composition. Students must be able to complete course assignments without remedial instruction in reading and writing. Students complete a variety of reading, writing, and presentation assignments designed to improve and challenge their written and oral communication skills, as well as their ability to understand and appreciate various forms of literature and non-fiction.

There is a strong emphasis on analysis and research skills students will need in Advanced Placement courses. **Students will be enrolled in this course based on an English 9 teacher recommendation, standardized reading test scores (above 70th percentile), and possess attributes for success (good attendance, strong work ethic, self-directed).**

■English 11/12 Part I

Grade: 11-12
Prerequisite: English 9, English 10

Credit: 2
Semester: Year

Course Description

This course will be a comprehensive English course that addresses all facets of the English Common Core Curriculum: writing, reading, speaking, and listening. However, this course is not a college preparatory course but rather a course that will focus on building life and job literacy skills in particular. It is specifically designed for students who have struggled in English courses and are not ready for American Literature. If students make sufficient progress by the end of their junior year, they may move on to the college preparatory American Literature course as seniors. If they are not ready, they can remain in the class for another year to continue building and improving their literacy skills. This course will allow students to demonstrate what they know, have choice and individuality in their learning, and have some control over their education.

■English 11/12 Part II

Grade: 11-12
Prerequisite: English 9, English 10

Credit: 2
Semester: Year

Course Description

This course will be a continuation comprehensive English course that addresses all facets of the English Common Core Curriculum: writing, reading, speaking, and listening. However, this course is not a college preparatory course but rather a course that will focus on building life and job literacy skills in particular. It is specifically designed for students who have struggled in English courses, took Part I already, but are still not ready for American Literature. Students who take Part II will begin where they left off in Part I and spend another year building and improving their literacy skills. This course will allow students to demonstrate what they know, have choice and individuality in their learning, and have some control over their education.

■Oral Communication

Grade: 9-12
Prerequisite: None

Credit: 1
Semester: First or Second

Course Description

This course will teach students the basic speaking skills used in a variety of situations such as: demonstrative and persuasive speaking, interpersonal communication, podcasting, speeches for occasions and oral interpretation. Students will gain experience speaking in a variety of tones for numerous purposes. This course is offered as an English elective.

■Adv Oral Comm/DMACC*

Grade: 11-12
Prerequisite: None

Credit: 1
Semester: First or Second

Course Description

Advanced Oral Communication is an advanced speech course for juniors and seniors. The curriculum is similar to Oral Communication, but faster paced. Students will participate in longer-form instructional, persuasive and debate-oriented speech assignments. Additionally, students will receive baseline instruction on communication and rhetorical theory. **Students taking concurrent enrollment courses must take the course for college credit. Drop date without consequences will be determined by DMACC. If the class is dropped for DMACC credit it will also be dropped for high school credit.**

*DMACC Fundamentals of Oral Communication – SPC101 3 Credits

■Introduction to Theatre

Grade:9-12
Prerequisite: None

Credit: 1
Semester:..... First

Course Description

Introduction to Theatre is a basic survey course of theatrical knowledge and skills. This includes the study of theatre history, full play analysis, set design and construction, costume design and construction, make-up design and application, light/sound design and screen/stage writing. This course is offered as an English elective.

■Acting

Grade:9-12
Prerequisite: Introduction to Theatre

Credit: 1
Semester:..... Second

Course Description

Acting is a specialized course that focuses on a variety of acting and directing methods. Students will read, analyze, and enact a variety of plays, scenes, and monologues and work in collaborative groups to practice acting and directing methodology. This course is offered as an English elective and Introduction to Theatre is required as a prerequisite.

■Yearbook I

Grade:10-12
Prerequisite:Journalism & Digital Media, Photography I or Graphic Design

Credit: 2
Semester:.....Year

Course Description

Yearbook class is designed to introduce students to the production of the yearbook. Students will learn book and advertising sales, marketing, coverage, reporting, photography, basic layout and graphic design, and basic news writing. Students will work together as a team to produce the annual yearbook. Enrollment is based on teacher recommendation. Students taking this course will earn two English elective credits. This is a co-curricular course. Students will be expected to attend activities outside of class time.

■Yearbook II

Grade:11-12
Prerequisite: Yearbook I

Credit: 2
Semester:.....Year

Course Description

Advanced Yearbook is a course for students who have passed Yearbook. Students in Advanced Yearbook will continue to conduct book and advertising sales and market the annual. Additionally, students will refine their writing and reporting skills and serve as lead story writers and reporters. Students will also work on overall design of production of the yearbook. Students are expected to attend events outside of class. The course is limited to instructor approval. Students taking this course will earn two general elective credits. Students may take this course for two years.

■Journalism & Digital Media

Grade:9-12
Prerequisite: None

Credit: 1
Semester:.....First or Second

Course Description

Journalism & Digital Media is an English elective course that explores the fundamental concepts of the print and online media industry. Students will study news gathering, media law & ethics, history, writing for publication, editing and the packaging process. Students will also learn skills related to interviewing, meeting deadlines and multimedia production (photo, audio, video, print, web) through practical application. Students must take Journalism & Digital Media, Photography I or Graphic Design as a prerequisite for Yearbook I.

■American Literature

Grade: 11-12
Prerequisite: English 9, English 10

Credit: 2
Semester: Year

Course Description

American Literature is an English course that covers classic and contemporary fiction and non-fiction. Students will develop their analytical and communication skills for personal, academic and career success. This course is offered primarily to juniors who have completed English 9 and English 10. Seniors who successfully completed English 11 may also take this course. Students must have earned “C’s” or higher in four semesters of English courses. Additional Considerations: minimum competency on standardized reading tests (above 41st percentile, should have average to good comprehension skills, should have basic writing skills (how to write a 5-paragraph essay). This course is recommended for college-bound students.

■Survey of Literature

Grade: 11-12
Prerequisite: English 9, English 10

Credit: 1
Semester: First or Second

Course Description

Survey of Literature is an elective English course that explores various forms of classic and contemporary literature. Students will develop their analytical and communication skills for personal, academic and career success. This course is offered primarily to juniors and seniors who have successfully completed English 9 and English 10. Students must have earned “C’s” or higher in at least four semesters of English courses. Additional Considerations: minimum competency on standardized reading tests (above 41st percentile, should have average to good comprehension skills, should have basic writing skills (how to write a 5-paragraph essay). This course is recommended for college-bound students

■Composition

Grade: 11-12
Prerequisite: English 9, English 10

Credit: 1
Semester: First or Second

Course Description

Composition is a class for juniors and seniors who want to improve their writing skills for personal, academic, and career success. Students will participate in this “writing community” in order to improve their writing. Students will apply writing skills and strategies to effectively communicate in a variety of genres with various audiences. Students will also engage in the information literacy process: accessing, evaluating, and communicating information and ideas. Additional Considerations: must have passed English 9 and 10, possesses attributes for success, desires to develop writing skills beyond the 5-paragraph essay. **THIS CLASS IS ONLY FOR STUDENTS WHO HAVE NOT TAKEN AP LANGUAGE and COMPOSITION CLASS.**

■Creative Writing

Grade: 11-12
Prerequisite: Comp, AP Lang or AP Lit

Credit: 1
Semester: First or Second

Course Description

This course uses a workshop approach to writing, and students will be expected to read from a wide variety of genres and to write in a wide variety of genres. Students are expected to be active participants in a reading and writing community, both producing works and critically reflecting on the work of others. The writing process will be emphasized, with instruction in pre-writing activities, drafting, editing, and revising. This class requires several writing assignments to be completed both in class and outside class. A solid writing foundation is expected. **This course is only offered to juniors and seniors who have completed either Composition or AP Language and Composition.**

■Advanced Placement Seminar

Grade: 10
Prerequisite: Adv Eng 9 & GT Ident or Adv Eng 9 & Teacher Rec
Grade Scale: WEIGHTED

Credit: 2
Semester: Year

Course Description

AP Seminar is a course designed for advanced students who desire challenge beyond the regular curriculum. This course is the first of two courses required as part of the AP Capstone experience. Students will engage in conversations about complex academic and real-world issues through a variety of lenses, considering multiple points of view. The course covers advanced research, writing, and presentation skills and will be awarded English elective credits. Due to the unique structure of AP Seminar, students who take this course must commit to taking the end of course AP exam. See the AP Seminar teacher for information regarding the cost of the exam and financial assistance if needed. In addition to the end of course exam, students will complete two “through-course” assessments. If the student’s combined AP score warrants and the college they attend accepts the AP credit, the appropriate semester hours of college credit will be awarded to the student. Please speak with the Gifted and Talented Teacher regarding questions about AP Seminar, AP Research, AP scoring for these courses, and requirements for the AP Capstone Certificate and AP Capstone Diploma designation. This course will award two language arts electives.

■Advanced Placement Research

Grade: 11-12
Prerequisite: Score of 3 on AP Seminar
Grade Scale: WEIGHTED

Credit: 2
Semester: Year

Course Description

AP Research is a course designed to parallel college-level courses in independent research and provides students with the opportunity to conduct an in-depth, mentored research project. This course is the second of two courses required as part of the AP Capstone experience. Course topics include research methods, ethical research practices, and accessing, analyzing, and synthesizing information to address a research question. The course culminates with an academic thesis paper and an oral defense of the research design, approach, and findings. If the student’s AP score warrants and the college they attend accepts the AP credit, the appropriate semester hours of college credit will be awarded to the student. Please speak with the Gifted and Talented Teacher regarding questions about AP Seminar, AP Research, AP scoring for these courses, and requirements for the AP Capstone Certificate and AP Capstone Diploma designation. This course will award two language arts elective credits.

World Languages Course Numbers

Class	Semester 1	Semester 2	Year/ Semester	Available
French I	1500	1505	Year	9-12
French II*	1510	1515	Year	10-12
French III/DMACC*~	1520	1525	Year	11-12
French IV/DMACC*~	1530	1535	Year	12
German I	1600	1605	Year	9-12
German II*	1610	1615	Year	10-12
German III*	1620	1625	Year	11-12
German IV*	1630	1635	Year	12
Spanish I	1700	1705	Year	9-12
Spanish II*	1710	1715	Year	10-12
Spanish III/DMACC*~	1750	1755	Year	11-12
Spanish IV/DMACC*~	1740	1745	Year	12

*Prerequisite for course
~DMACC Credit Class

■French I

Grade:9-12
Prerequisite: None

Credit: 2
Semester:.....Year

Course Description

In French I, students will explore contemporary life in the Francophone world through the textbook, supplemental materials, on-line research and videos. Students will gain knowledge of diverse cultures, traditions, history and language that will make you travel-ready and multicultural. Students will become skilled at working with a partner, in a group, and making presentations. Students will also realize that learning another language expands horizons, develops intellect and prepares for experiencing the rich and engaging world in which we live.

■French II

Grade:10-12
Prerequisite:French I

Credit: 2
Semester:.....Year

Course Description

In French II, students will build on skills acquired in French I to help them communicate more effectively through textbook, supplementary materials, online research and videos. Students will gain additional knowledge about the French speaking places of the world and continue to be travel-ready and multicultural. Students will enhance their skills of working with a partner, in a group and making presentations. They will also continue to realize that learning a language expands horizons, develops intellect and prepares for experiencing the rich and engaging world in which we live.

■French III/DMACC*

Grade:11-12
Prerequisite:French II

Credit: 2
Semester:.....Year

Course Description

In French III, students continue to build on previously learned skills. They will continue to learn about French speaking places of the world and be travel-ready. Students will enhance their reading and writing skills and continue to improve speaking and listening skills to prepare for life-long learning and real-world interactions. **Students taking concurrent enrollment courses must take the course for college credit. Drop date without consequences will be determined by DMACC. If the class is dropped for DMACC credit it will also be dropped for high school credit.**

College credit will be given from DMACC upon successful completion of this course.

*DMACC Elementary French II – FLF152

5 Credits

■German IV

Grade: 12
Prerequisite: German III

Credit: 2
Semester: Year

Course Description

In German IV, students should be prepared for an advanced and challenging experience done mostly in the German language. They will engage in conversations on a variety of topics. They will also read and comprehend a variety of source material on German history, culture geography, stereotypes, and traditions. This course is designed to prepare students for post-secondary German courses and life-long learning by incorporating all significant elements of German grammar into meaningful exercises. The year is culminated by reading a complex play in German.

■Spanish I

Grade: 9-12
Prerequisite: None

Credit: 2
Semester: Year

Course Description

Spanish I is a course concerned with the four basic language skills: listening, speaking, reading, and writing. The program consists of basic grammar, stories, and oral and written exercises that are relevant to the students' own lives. Additional activities such as games, music, skits, and other cultural material enrich the students' understanding of the people and cultures of Spanish-speaking countries.

■Spanish II

Grade: 10-12
Prerequisite: Spanish I

Credit: 2
Semester: Year

Course Description

Spanish II is an intermediate course designed for students to use and improve skills learned in Spanish I. Speaking is emphasized, along with listening, reading, and writing. The program consists of grammar, stories, listening activities, and oral and written exercises that are relevant to the students' own lives. Additional activities, such as games, music, skits, videos, and other cultural material enrich the students' understanding of the people and cultures of Spanish-speaking countries.

■Spanish III/DMACC*

Grade: 11-12
Prerequisite: Spanish II

Credit: 2
Semester: Year

Course Description

Spanish III is an advanced course that aims to continue development of functional proficiency in Spanish through listening, speaking, reading and writing to and with others. Students will expand their ability to communicate in Spanish in everyday, practical situations, using authentic resources to interpret information and expand their knowledge of the Spanish-speaking world. The class will focus on maintaining communication in the target language the majority of the time to prepare them for lifelong learning. **Students taking concurrent enrollment courses must take the course for college credit. Drop date without consequences will be determined by DMACC. If the class is dropped for DMACC credit it will also be dropped for high school credit**

College credit will be given from DMACC upon successful completion of each semester of this course.

*DMACC Elementary Spanish II – FLS152

5 Credits

Social Studies Course Numbers

Class	Semester 1	Semester 2	Year/ Semester	Available
World History: 20 th Century to Present	2180	2185	Sem	9-10
Contemporary World Issues	2220	2225	Sem	9-10
Advanced Placement European History (offered 2023-2024)	2050	2055	Year	10-12
Advanced Placement World History: Modern (offered 2022-2023)	2030	2035	Year	10-12
United States History	2190	2195	Year	11
AP United States History	2010	2015	Year	11-12
Sociology	2130	2135	Sem	11-12**
Psychology	2210	2215	Sem	11-12**
Advanced Placement Psychology	2160	2165	Year	11-12
United States Government	2100	2105	Sem	12
Advanced Placement United States Government		2115	Sem	12
Economics & Financial Literacy	2200	2205	Sem	12

****Sophomores may take with Teacher Approval**

Social Studies Course Narrative

There is a 6-credit Social Studies requirement for graduation at Indianola High School. 8th graders, upon registering for high school courses, have the choice of completing their world history credit either during their freshman or sophomore year. This choice allows flexibility on many levels as students look at the full picture of their course load across these two years. Some students may choose to take their world history credit during their freshman year, which would mean that no Social Studies class is required during their sophomore year. Other students, and especially those students considering taking world history at the AP level may choose to wait until their sophomore year to take this world history requirement. AP World History: Modern counts for the world history requirement, and students who choose to take AP World History: Modern must be at least sophomores.

Sophomore year, students can choose to take their required behavioral science credit by choosing Psychology or Sociology if approved by a teacher.

Junior year, students have a choice of taking US History or AP United States History. Junior year, students also have a choice of taking Psychology, Sociology or AP Psychology to fulfill their required behavioral science credit.

As seniors, students will take Economics one semester and choose between either Government or AP Government the opposite semester. If students have not yet taken a behavioral science course, they must also complete this credit during their senior year.

If students fail a semester of world history, US History, Government, Economics, or behavioral science, they may retake it the following semester. The possibility may exist for students to retake these courses the equivalent online self-paced course.

■World History: 20th Century to Present

Grade:9-10
Prerequisite: None

Credit: 1
Semester:.....First or Second

Course Description

The focus of this world history course is on the 20th century to the present day. Topics of study include the world wars, rise of communism, decolonization, and democracy-building. As we strive to make sense of the past by exploring these political, social, economic, and cultural themes of history, students will see how the study of history helps us make sense of our world today.

■Contemporary World Issues

Grade:9-10
Prerequisite: None

Credit: 1
Semester:.....First or Second

Course Description

Contemporary World Issues will be a project-based elective course focusing on the literacy and inquiry standards of the social studies curriculum. This course will be based on student-choice research for current societal issues with guidance from the teacher to analyze their sources, reasoning, and critiquing process. Students will analyze current events from a global perspective, develop research questions, strategies for answering those questions and research techniques with high-quality sources to help them have a greater understanding of our world. Students can then use their knowledge to develop a possible action plan for change.

■Advanced Placement European History (offered 2023-2024)

Grade:10-12
Prerequisite: None
Grade Scale: WEIGHTED

Credit: 2
Semester:.....Year

Course Description

This course is a college-level, in-depth study of modern European History, interpreting the various developments that have shaped Europe—and through Europe, the larger world—from 1450 C.E. to the present. Students will be expected to read and interpret primary and secondary documents and use higher order thinking skills in discussions and essay writing. This course meets the IHS graduation requirements for World History

Upon completion of the course, the student will have the option of paying to take the AP Exam in European History. If their test score warrants and the college they are applying to will accept the test score, the appropriate number of semester hours of college credit will be given to the student.

■Advanced Placement World History: Modern (offered 2022-2023)

Grade:10-12
Prerequisite: None
Grade Scale: WEIGHTED

Credit: 2
Semester:.....Year

Course Description

This course is a college-level survey of World History from 1200 C.E. to the present day. Our time will be spent studying the various themes of world history through the lenses of continuity and change over time, context, causation, and comparison. The class is geared toward students wanting advanced work and who are skilled in reading, writing and committed to daily homework. Participation in class discussion and small group interaction at an academically mature level will be required. This course meets the IHS graduation requirement for World History.

Upon completion of the course, the student will have the option of paying to take the AP Exam in World History: Modern. If their test score warrants and the college they are applying to will accept the test score, the appropriate number of semester hours of college credit will be given to the student.

■United State History

Grade: 11
Prerequisite: None

Credit: 2
Semester: Year

Course Description

United States History covers the Reconstruction period to present day. Significant people, events, and concepts will be discussed and analyzed. The development of the United States as a world power, and its current role and responsibility will be covered. Past foreign policy decisions will be discussed and related to present governmental policies. A central theme throughout the course will be cause and effect.

■Advanced Placement United States History

Grade: 11
Prerequisite: None
Grade Scale: WEIGHTED

Credit: 2
Semester: Year

Course Description

This is a college survey course of American History from pre-European America to the present. Students will analyze primary and secondary sources in order to demonstrate their grasp of major economic, political and social themes. This course stresses higher order thinking skills and factual knowledge that will be used to draw conclusions, form reasoned judgments and write historical essays.

Upon completion of the course, the student will have the option of paying to take the AP Exam in U.S. History. If their score warrants and the school they are applying to will accept the test score, the appropriate semester hours of college credit will be given to the student.

■Sociology (Flex Model Blended Option available)

Grade: 10 (with teacher approval) 11-12
Prerequisite: None

Credit: 1
Semester: First or Second

Course Description

Sociology the science of society, social institutions, and social relationships specifically: the systematic study of the development, structure, interaction, and collective behavior of organized groups of human beings. Sociology is a challenging course that will introduce students to the major theories, concepts, and individuals from sociology. This course will develop the knowledge and skills necessary to analyze, evaluate, and apply sociological concepts to historical and current issues. Upon completion of this course students will be able to (1) Recognize the interaction and influence between individuals and various groups, (2) Examine the factors that led to continuity and change in human and group behavior, and (3) Apply appropriate research procedures and the skills of a sociologists to help understand and address real world challenges.

■Psychology

Grade: 10 (with teacher approval) 11-12
Prerequisite: None

Credit: 1
Semester: First or Second

Course Description

Psychology is the scientific study of both the mind and behaviors. Psychology is a challenging course that will introduce students to the major theories, concepts, and individuals from psychology. This course will develop the knowledge and skills necessary to analyze, evaluate, and apply psychological concepts to historical and current issues. Upon completion of this course students will be able to (1) Explain how social, cultural, gender, and economics factors influence behavior and human cognition around the world, (2) Investigate human behavior and through processes from biological, cognitive, behavioral, and sociocultural perspectives, and (3) assess issues and problems within our society using psychological knowledge, and develop ethical solutions to address those issues.

■ Advanced Placement Psychology

Grade: 11-12
Prerequisite: None
Grade Scale: WEIGHTED

Credit: 2
Semester: Year

Course Description

Advanced Placement Psychology is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. Only students who are willing to accept the challenge of a rigorous academic curriculum will be considered for enrollment. The goal of this AP class is to provide a learning experience equivalent to that obtained in most introductory psychology courses offered at Iowa colleges and universities.

Upon completion of the course, the student will have the option of paying to take the AP Exam in Psychology. If their test score warrants and the college they are applying to will accept the test score, the appropriate number of semester hours of college credit will be given to the student.

■ United States Government

Grade: 12
Prerequisite: None
NCAA Clearinghouse: Approved

Credit: 1
Semester: First or Second

Course Description

US Government is a required course that is taken during senior year. The purpose of the course is to give the student a basic understanding of the makeup, structure and functions of the U.S. system of government. Special emphasis is given to the student's rights and responsibilities as a citizen.

■ Advanced Placement United States Government

Grade: 12
Prerequisite: None
Grade Scale: WEIGHTED

Credit: 1
Semester: Second

Course Description

Advanced Placement United States Government and Politics is a college level survey course over U.S. government and the key concepts that make it up. The major content areas covered are:

- Constitutional underpinnings of the U.S. government
- Political Beliefs and Behaviors
- Political parties, interest groups and mass media
- Institutions of National Government: Congress, the Presidency & Bureaucracy, and the Courts
- Public Policy
- Civil Rights and Civil Liberties

The students will receive instruction and practice at answering multiple-choice questions, analyzing charts and graphs, interpreting political cartoons, and examining current events that are impacting the U.S. government. Answering free response questions both as practice, review, and graded work is a large part of the course.

Upon completion of the course, the student will have the option of paying to take the AP Exam in U.S. Government. If their test score warrants and the college they are applying to will accept the test score, the appropriate semester hours of college credit will be given to the student.

■Economics & Financial Literacy

Grade: 12

Credit: 1

Prerequisite: None

Semester:.....First or Second

Course Description

This course explores the fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants. More specifically, it examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security.

Mathematics Course Numbers

Class	Semester 1	Semester 2	Year/ Semester	Available
Algebra I	3040	3045	Year	9-12
Advanced Algebra I	3200	3205	Year	9-12
Advanced Geometry*	3080	3085	Year	9-12
Advanced Algebra II*	3100	3105	Year	9-12
Trigonometry/Pre-Calculus*	3130	3135	Year	9-12
Geometry*	3070	3075	Year	10-12
Algebra II*	3090	3095	Year	10-12
College Algebra/DMACC*~	3170	3175	Sem	10-12
Advanced Placement Calculus AB/DMACC*~	3140	3145	Year	10-12
General Math A*	3050		Sem	11-12
General Math B*		3055	Sem	11-12
Applied Math I/DMACC*~	3060		Sem	11-12
Applied Math II/DMACC*~		3065	Sem	11-12
Algebra II Part 1 (placement only)	3210	3215	Year	11-12
Algebra II Part 2 (placement only)	3220	3225	Sem	12
Statistics/DMACC*~	3120	3125	Sem	11-12
Advanced Placement Calculus BC/DMACC*~	3150	3155	Year	11-12
Pre-Algebra I (placement only)	3000	3005	Year	9-12
Pre-Algebra II (placement only)	3010	3015	Year	9-12

*Prerequisite for course
~DMACC Credit Class

Math Course Narrative

Pre-Algebra 1 and 2 are not high school level electives and are only open to those placed by counselor, instructor, or special education teacher.

Algebra I and Geometry courses may not be taken concurrently. Advanced Geometry and Advanced Algebra II courses may be taken concurrently with instructor and counselor approval, but consideration should be given to readiness and the amount of time and work that is required. No higher level course for which Algebra II is a pre-requisite may be taken concurrently with Algebra II or Advanced Algebra II.

Trigonometry/Pre-Calculus requires strong algebra skills. Students must have achieved a C- or better in Advanced Algebra II to enroll in this course. Students who need additional preparation before taking a Pre-Calculus course should consider taking College Algebra after Algebra II.

College-bound students are encouraged to remain in the higher pathway (Advanced Algebra I > Advanced Geometry > Advanced Algebra II) if possible. These courses provide the best preparation for college level work. College-bound students are encouraged to take four years of mathematics coursework, because a year without a math class can cause enough loss of skills to result in the need for remedial coursework in college.

9th grade students who have completed Algebra I or Geometry with an A or B grade should be placed in Advanced Geometry or Advanced Algebra II. Students who received lower than a B grade in these courses prior to 9th grade are encouraged to retake a course in 9th grade, particularly if Algebra skills are not solid.

Students taking a DMACC math course will need to meet the required score on the ALEKS assessment (or a score of B- or higher in the pre-requisite HIS course) before enrolling in the course. ALEKS scores and (pre-requisite grades) from 18 months prior to the date of enrollment are accepted for enrollment.

Applied Math courses earn DMACC credit and are applicable to particular vocational/technical programs, but credit for these courses generally does not transfer as math credit in other degree programs. Students are encouraged to check with their guidance counselor or admissions representative before enrolling in this course to make sure the credit will be a useful one for the intended degree path.

General Mathematics A and B are not college preparatory courses and may only be taken by students who are juniors or seniors, have already completed at least 4 credits in the core sequence, and are placed in the course by counselor or instructor.

■Algebra I

Grade:9-12
Prerequisite: None

Credit: 2
Semester:.....Year

Course Description

Algebra I is a full-year course in algebra with emphasis on development of abstract mathematical thought and the application of algebraic concepts. Topics include variables, functions, graphs, linear and quadratic equations, inequalities, systems of equations, and polynomials.

■Advanced Algebra I

Grade:9-12
Prerequisite: None

Credit: 2
Semester:.....Year

Course Description

Advanced Algebra I is a full-year course in algebra designed to develop abstract mathematical thought and prepare students for success in advanced coursework in Geometry, Algebra II, and higher coursework. Topics include variables, functions, graphs, linear and quadratic equations, inequalities, systems of equations, and polynomials.

■Advanced Geometry

Grade:9-12
Prerequisite:Algebra I or Advanced Algebra I

Credit: 2
Semester:.....Year

Course Description

This course is a full-year course in formal geometry and logical reasoning designed to prepare students for advanced coursework in mathematics. Students will explore development of mathematical systems and use logical argument to write proofs of geometric theorems. Topics include geometric figures, angles, triangles, circles, polygons, polyhedrons, similarity and congruence, area, surface area, and volume.

■Advanced Algebra II

Grade:9-12
Prerequisite:Advanced Geometry

Credit: 2
Semester:.....Year

Course Description

Advanced Algebra II is a second-year algebra course designed for students planning to pursue advanced study in mathematics. Topics include linear and quadratic equations, factoring, linear programming, polynomials, rational functions, exponents and logarithms, matrix operations, and graphing. This course places emphasis on the development of mathematical systems and preparation for trigonometry and calculus.

■Trigonometry/Pre-Calculus

Grade:9-12
Prerequisite: C- or better in Adv Alg II or College Alg

Credit: 2
Semester:.....Year

Course Description

Trigonometry/Pre-Calculus is intended to provide mathematical background to prepare students for a first-year college calculus course. Topics include vectors, logarithms, trigonometry, analytic geometry, complex numbers, and functions and their graphs.

■Geometry

Grade: 10-12

Credit: 2

Prerequisite: Algebra I

Semester: Year

Course Description

Geometry is a full-year course in applied geometry, with integration of additional topics in algebra. Topics include geometric figures, graphing, proportion, angles, triangles, circles, polygons, polyhedrons, similarity and congruence, area, surface area, and volume.

■Algebra II

Grade: 10-12

Credit: 2

Prerequisite: Geometry

Semester: Year

Course Description

Algebra II is a general second-year algebra course for students not planning to pursue advanced study in mathematics. Topics include linear and quadratic equations, factoring, linear systems, polynomials, rational functions, exponents and logarithms, matrix operations, and graphing.

■College Algebra/DMACC* (Flex Model Blended Option available)

Grade: 10-12

Credit: 1

Prerequisite: Algebra II or Adv Algebra II

Semester: First or Second

Course Description

College Algebra is a third-year algebra course that provides an intense study of algebraic techniques and prepares students for future study in mathematics. The central theme of this course is the concept of a function and its graph. Topics include functions, exponents, logarithms, systems of equations, matrices, polynomials, conic sections, and probability. **Students taking concurrent enrollment courses must take the course for college credit. Students taking a DMACC Math course for concurrent enrollment credit will need to meet the required score of 30% on the ALEKS Assessment to enroll in the course. Students who have earned a B- or higher in a pre-requisite math course within the previous 18 months from the date of enrollment will be exempt. Drop date without consequences will be determined by DMACC. If the class is dropped for DMACC credit it will also be dropped for high school credit. Students enrolling in this course are encouraged to check with their college admissions counselor regarding transfer of credit. This course may transfer as an elective credit.**

College credit will be given from DMACC upon successful completion of this course.

*DMACC College Algebra – MAT121

4 Credits

■Advanced Placement Calculus AB/DMACC*

Grade:10-12
Prerequisite:C- or better in Trig/Pre-Calculus
Grade Scale: WEIGHTED

Credit: 2
Semester:.....Year

Course Description

Calculus AB is a one-year first course in calculus. Topics include an introduction to limits, continuity, differentiation, applications of the derivative, definite and indefinite integrals, numerical integration, exponential and logarithmic functions, other transcendental functions, and an introduction to differential equations. **Students taking concurrent enrollment courses must take the course for college credit. Students taking a DMACC Math course for concurrent enrollment credit will need to meet the required score of 76% on the ALEKS Assessment to enroll in the course. Students who have earned a B- or higher in a pre-requisite math course within the previous 18 months from the date of enrollment will be exempt. Drop date without consequences will be determined by DMACC. If the class is dropped for DMACC credit it will also be dropped for high school credit.**

College credit will be given from DMACC upon successful completion of this course.

*DMACC Calculus I – MAT211

5 credits

Upon completion of the course, the student will be given the option of paying to take the AP Exam in Calculus. If their test score warrants and the college they are applying to will accept the test score, the appropriate number of semester hours of college credit will be given to the student.

■General Math A

Grade:11-12
Prerequisite: Geometry

Credit: 1
Semester:..... First

Course Description

General Math A is intended as a terminal course for senior and junior students who need additional credit in mathematics. The course is not intended to advancement in the core sequence. Students should have completed at least 4 credits in mathematics before enrolling in this course. Topics include reasoning and problem solving, set theory, Venn diagrams, symbolic logic, numeration, binary arithmetic, counting methods, probability, and interpretation of statistics.

■General Math B

Grade:11-12
Prerequisite: Geometry

Credit: 1
Semester:..... Second

Course Description

General Math B is intended as a review of algebra skills for senior and junior students who need additional credits in mathematics. The course is not intended for advancement in the core sequence. Students should have completed at least 4 credits in mathematics before enrolling in this course. Topics include rational numbers, linear and quadratic functions, factoring, graphing, systems of equations and inequalities, and radicals.

■ Applied Mathematics I/DMACC*

Grade: 11-12

Credit: 1

Prerequisite: Geometry

Semester: First

Course Description

This is a course in elementary mathematical skills for technicians. Topics covered include fundamental operations with whole numbers, fractions, decimals, and signed numbers, percents, geometric figures and basic constructions, area and volume formulas, English/Metric systems, measurements, and the interpretation of graphs and charts. **Students taking concurrent enrollment courses must take the course for college credit. Students taking a DMACC Math course for concurrent enrollment credit will need to meet the required score of 76% on the ALEKS Assessment to enroll in the course. Students who have earned a B- or higher in a pre-requisite math course within the previous 18 months from the date of enrollment will be exempt. If the class is dropped for DMACC credit it will also be dropped for high school credit. Students enrolling in this course are encouraged to check with their college admissions counselor regarding transfer of credit.**

College credit will be given from DMACC upon successful completion of this course.

*DMACC Applied Math – MAT772

3 Credits

■ Applied Mathematics II/DMACC*

Grade: 11-12

Credit: 1

Prerequisite: Applied Mathematics I

Semester: Second

Course Description

This is a course in applied algebra and trigonometry for technicians. Topics covered include polynomials, equations, systems of linear equations, factoring, quadratic equations, trigonometry, powers, roots, and logarithms. Applied Mathematics II is an applied, upper level math course covering topics normally included in second year algebra courses. **Students taking concurrent enrollment courses must take the course for college credit. Students taking a DMACC Math course for concurrent enrollment credit will need to meet the required score of 30% on the ALEKS Assessment to enroll in the course. Students who have earned a C- or higher in a pre-requisite DMACC math course within the previous 18 months from the date of enrollment will be exempt. Drop date without consequences will be determined by DMACC. If the class is dropped for DMACC credit it will also be dropped for high school credit. Students enrolling in this course are encouraged to check with their college admissions counselor regarding transfer of credit.**

College credit will be given from DMACC upon successful completion of this course.

*DMACC Applied Math II – MAT773

3 Credits

■ Algebra II Part I

Grade: 11

Credit: 2

Prerequisite: Geometry

Semester: Year

Course Description

Algebra II Part 1 is a full-year course equivalent to the first semester of Algebra II, intended for students who need reinforcement of algebra skills, for students not planning to pursue advanced study in mathematics, but who anticipate needing preparation for a college-level algebra course. Topics include linear and quadratic equations, factoring, linear systems, matrix operations, polynomials, and graphing.

■Algebra II Part 2 (placement only)

Grade: 12
Prerequisite:Algebra II Part 1

Credit: 1
Semester:.....First or Second

Course Description

Algebra II Part 2 is a one semester course intended to complete the Algebra II curriculum. This course is not intended for students planning to pursue advanced study in mathematics, but for students looking to reinforce algebra skills in anticipation of needing preparation for a college-level algebra course. Topics include properties of radicals and rational exponents, logarithms, trigonometry functions, matrix operations and graphing.

■Statistics/DMACC* (Flex Model Blended Option available)

Grade: 11-12
Prerequisite: Algebra II or Adv Algebra II

Credit: 1
Semester:.....First or Second

Course Description

Statistics in an introductory course in probability and statistics. Topics include tabular and graphical presentation, measures of central tendency and variability, standard elementary procedures involving the binomial, normal, Student's T, chi-square, and F distributions, correlation, regression, analysis of variance and several nonparametric procedures. **Students taking concurrent enrollment courses must take the course for college credit. Students taking a DMACC Math course for concurrent enrollment credit will need to meet the required score of 76% on the ALEKS Assessment to enroll in the course. Students who have earned a B- or higher in a pre-requisite math course within the previous 18 months from the date of enrollment will be exempt. Drop date without consequences will be determined by DMACC. If the class is dropped for DMACC credit it will also be dropped for high school credit.**

College credit will be given from DMACC upon successful completion of this course.

*DMACC Statistics – MAT157

4 Credits

■Advanced Placement Calculus BC/DMACC*

Grade: 11-12
Prerequisite: C- or better in Calculus AB
Grade Scale: WEIGHTED

Credit: 2
Semester:.....Year

Course Description

Calculus BC is a second-year course in calculus. Topics include applications of integration, integration techniques, L'Hopital's rule, improper integrals, infinite sequences, series, Taylor and MacLaurin series, the calculus of plane curves, parametric equations, and polar equations. **Students taking concurrent enrollment courses must take the course for college credit. Students taking a DMACC Math course for concurrent enrollment credit will need to meet the required score of 76% on the ALEKS Assessment to enroll in the course. Students who have earned a C- or higher in a pre-requisite DMACC math course within the previous 18 months from the date of enrollment will be exempt. Drop date without consequences will be determined by DMACC. If the class is dropped for DMACC credit it will also be dropped for high school credit.**

College credit will be given from DMACC upon successful completion of this course.

*DMACC Calculus II – MAT217

5 credits

Upon completion of the course, the student will be given the option of paying to take the AP Exam in Calculus. If their test score warrants and the college they are applying to will accept the test score, the appropriate number of semester hours of college credit will be given to the student.

■Pre-Algebra I: 3000 / 3005 (placement only)

Grade:9-12
Prerequisite: None

Credit: 2
Semester:.....Year

Course Description

Pre-Algebra I is a full-year preparatory course in mathematics designed to remediate gaps in pre-requisite skills and prepare students for success in Algebra I. Topics include numeration concepts, integer operations, calculation with fractions and decimals, measurement, problem-solving, and applications of basic math skills. This is a remedial course and is only available to students placed by counselor or teacher.

■Pre-Algebra II: 3010 / 3015 (placement only)

Grade:9-12
Prerequisite: None

Credit: 2
Semester:.....Year

Course Description

Pre-Algebra II is a full-year integrated mathematics course designed to prepare students for success in Algebra I and Geometry. Topics include number systems, integer operations, calculation with fractions and decimals, measurement, geometric shapes, proportion, and solving simple algebraic equations. This is a remedial course and is only available to students placed by counselor or teacher.

Science Course Numbers

Class	Semester 1	Semester 2	Year/ Semester	Available
Science 9	4000	4005	Year	9
Advanced Chemistry*	4051	4056	Year	9-12
Biology*	4010	4015	Year	10
Advanced Biology*	4020	4025	Year	10
Physical Science*	4030	4035	Year	10-12
Comparative Anatomy*	4090	4095	Sem	10-12
Chemistry*	4050	4055	Year	11-12
Advanced Placement Biology/DMACC*~	4021	4026	Year	11-12
Advanced Placement Chemistry*	4060	4065	Year	11-12
Physics*	4070	4075	Year	11-12
Anatomy & Physiology*	4080	4085	Year	11-12
Anatomy & Physiology/DMACC*~	4081	4086	Year	11-12
Forensic Science*	4120	4125	Sem	11-12

*Prerequisite for course
~DMACC Credit Class

Science Course Narrative

All 9th graders will be placed in Science 9 or Advanced Chemistry and will proceed through the core sequence of the student's chosen pathway from that point.

Students will progress through the chosen pathway as long as courses are completed successfully.

Students who fail Science 9 (either semester) will repeat the course.

** Other Options: Online Learning Program

Students who fail Biology/Advanced Biology (either semester) will repeat the course.

** Other Options: Online Learning Program

Students who fail Chemistry/Advanced Chemistry first semester will be dropped for second semester. During second semester, students may be considered for Online Learning Program or repeat the course.

Students who fail Chemistry second semester will repeat the semester or substitute a year of Physical Science to fulfill graduation requirements and the Next Generation Science Standards.

Students who fail Physical Science (either semester) will repeat the course to fulfill graduation requirements and the Next Generation Science Standards.

** Other Options: Online Learning Program

Students who fail Physics first semester will be dropped for second semester. During second semester, students will repeat the course.

Students who fail Physics second semester will repeat the semester to fulfill graduation requirements and the Iowa Core Curriculum.

■Science 9

Grade: 9
Prerequisite: None

Credit: 2
Semester: Year

Course Description

The course is designed for students to gain fundamental skills and knowledge in many areas of science including scientific measurement, inquiry, chemistry, physics, earth science and environmental science. Students will observe the physical world around them including concepts such as atomic structure, chemical bonding, chemical reactions, the formation and structure of the universe, motion, force, simple machines, the laws of physics and energy concepts.

■Advanced Chemistry

Grade: 9-12
Prerequisite: Algebra I

Credit: 2
Semester: Year

Course Description

Advanced Chemistry is designed for students who plan on majoring in a science related field upon graduation. This course will examine many of the same topics as General Chemistry but in a deeper manner with a more quantitative approach to these topics. Topics of study in both general and advanced chemistry include: measurement, lab techniques and lab design, states of matter, gas laws, the periodic table, atomic structure, chemical formulas, chemical reactions, stoichiometry, limiting reactants, and acids and bases. Additional topics covered in advance chemistry will include thermochemistry and reaction kinetics. Strong math skills will be important for success in this course. Students should have completed Algebra I before taking this course.

■Biology

Grade: 10
Prerequisite: Science 9

Credit: 2
Semester: Year

Course Description

Biology is a laboratory science course that covers the study of living things and fulfills the required life science graduation credit. Biology focuses on the study of life by examining five fundamental concepts of ecology, biochemistry, the cell, genetics and change in organisms through time. The scientific process and laboratory skills are emphasized along with biology's connections to other scientific disciplines. Students learn scientific writing skills and also examine current biological issues. The foundation of the class is based on the Next Generation Science Standards.

■Advanced Biology

Grade: 10
Prerequisite: proficient scores on placement testing

Credit: 2
Semester: Year

Course Description

This course is designed for students who want to be challenged and take more in depth look at Biology. Advanced Biology is an advanced laboratory science course that covers the study of living things and fulfills the required life science graduation credit. Advanced Biology focuses on the study of life by examining five fundamental concepts of ecology, biochemistry, the cell, genetics and change in organisms through time. The scientific process and laboratory skills are emphasized along with biology's connections to other scientific disciplines. Students learn scientific writing skills and also examine current biological issues. The foundation of the class is based upon the Next Generation Science Standards.

■Physical Science

Grade: 10-12

Credit: 2

Prerequisite: Science 9

Semester: Year

Course Description

This course is designed for those students taking their third year of science and not planning on taking both Chemistry and Physics. This course will teach students about the physical world around them and give them the tools to understand it. This course will have an emphasis on the subjects of Chemistry and Physics and Earth Science topics. Topics and concepts covered include: the nature of science, matter, the periodic table, chemical bonding and reactions, solutions, motion, forces, work, power, machines, temperature, energy, heat, waves, light, sound, electricity, circuits, and magnetism.

■Comparative Anatomy

Grade: 10-12

Credit: 1

Prerequisite: Currently enrolled in Biology or Advanced Biology

Semester: First or Second

Course Description

This course is designed for the student that plans on majoring in one of the sciences, especially if in a biological field. This class will take a look at living organisms that were not covered in the Biology and Advanced Biology. Students will spend time comparing the structure and lifestyle of the five kingdoms. Heavy emphasis will be put on invertebrate and vertebrate structure and the evolutionary link between the two. The student will do extensive lab work and dissections.

■Chemistry

Grade: 11-12

Credit: 2

Prerequisite: Algebra I

Semester: Year

Course Description

Chemistry is designed for those students planning to attend college who have not taken Advanced Chemistry and Advanced Biology. The central theme of the course is the basic principle that the properties of matter are a consequence of the structure of matter. Topics of study include: measurement, lab techniques and lab design, states of matter, gas laws, the periodic table, atomic structure, chemical formulas, chemical reactions, stoichiometry, limiting reactants, acids and bases. Many quantitative and qualitative experiments are performed.

■Physics (Flex Model Blended Option available)

Grade: 11-12

Credit: 2

Prerequisite: Algebra I, Algebra II, Geometry

Semester: Year

Course Description

Physics is designed for the student intending to pursue studies in engineering, technology, and science-related areas such as astronomy, architecture, systems analysis, metallurgy, pharmacy, nursing, medicine, environmental science, health and safety, physics, and chemistry. The goal of this course is to foster a deep understanding of the fundamental ideas in physics. Extended laboratory experiences will develop high-level skills in critical thinking, reasoning, problem-solving, and mathematics. Students will study motion, forces, momentum, energy, thermodynamics, waves, sound, optics, electricity, and magnetism.

■Anatomy and Physiology

Grade: 11-12

Credit: 2

Prerequisite: Chemistry

Semester: Year

Course Description

This rigorous college-preparatory elective science course includes a detailed study of many human body systems. Homeostatic balance, the relationship between structure and function, and the interrelationships between body systems are a focus throughout the course. This course is recommended for students interested in a health-related career, especially those students who plan to study medicine, nursing, physical therapy, and athletic training. The course may also be helpful for those students who plan to enter education as either a life-science or physical education teacher. Laboratory activities will include several microscopic analyses of tissue specimens as well as several dissections to accompany the subject matter.

Elective Course Numbers Project Lead The Way

Intro to Engineering*	4101	4106	Year	9-12
Computer Science Essentials	4100	4105	Year	9-12
Principles of Engineering*	4102	4107	Year	10-12
Computer Science Principles*	4114	4119	Year	10-12
Cybersecurity*	4104	4109	Year	11-12

***Prerequisite for course**

■Introduction to Engineering

Grade:9-12

Credit: 2

Prerequisite: Algebra I

Semester:.....Year

Course Description

This first year Project Lead the Way course is designed primarily for 9th or 10th grade students. The major focus of IED is the design process and its application. Through hands-on projects, students apply engineering standards and document their work. Students use industry standard 3D modeling software to help them design solutions to solve proposed problems, document their work using an engineer's notebook and communicate solutions to peers and members of the professional community. The major focus of the Introduction to Engineering Design (IED) course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards and technical documentation. This course may be used to fulfill technology credit.

■Computer Science Essentials

Grade:9-12

Credit: 2

Prerequisite: None

Semester:.....Year

Course Description

Computer Science Essentials (CSE) is designed to be a full-year course implemented in the 9th grade. This course is an excellent entry point for new high school computer science (CS) learners. Any student who has prior CS experiences will find ample opportunity to expand upon those experiences in this course. All students who take CSE will have many opportunities for creative expression and exploration in topics of personal interest, whether it be through app development, web design, or connecting computing with the physical world.

■Principles of Engineering

Grade:10-12

Credit: 2

Prerequisite:Algebra I, Intro to Engineering

Semester:.....Year

Course Description

This second year Project Lead the Way course is designed primarily for 10th or 11th grade students. This survey course exposes students to major concepts they'll encounter in a post-secondary engineering course of study. Students have an opportunity to investigate engineering and high-tech careers and to develop skills and understanding of key concepts. Topics include mechanisms, energy, statics, materials and kinematics. Students develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges, document their work and communicate solutions. This course may be taken to fulfill technology credit.

■Computer Science Principles

Grade: 10-12

Credit: 2

Prerequisite: Computer Science Essentials

Semester:Year

Course Description

Computer Science Principles is a new PLTW course being offered. Students work in teams to develop computational thinking and problem solving skills. The course covers the College Boards' new CS Principles framework. The Course does not aim to teach mastery of a single programming language but aims instead to develop computational thinking, to generate excitement about the field of computing and to introduce computational tools that foster creativity. This course also aims to build students' awareness of the tremendous demand for computer specialists and for professionals in all fields. Each unit focuses on one or more career paths in the computer science and engineering professions. The course also aims to engage students to consider issues raised by the present and future societal impact of computing.

Students practice problem solving with structured activities and progress to open-ended projects and problems that require them to develop planning, documentation, communication, and other professional skills. Problems aim for ground-level entry with no ceiling so that all students can successfully engage the problems. Students with greater motivation, ability, or background knowledge will be challenged to work further.

■Cybersecurity

Grade: 11-12

Credit: 2

Prerequisite: Computer Science Principles

Semester:Year

Course Description

Cybersecurity introduces the tools and concepts of cybersecurity and encourages students to create solutions that allow people to share computing resources while protecting privacy. Nationally, computational resources are vulnerable and frequently attacked; in cybersecurity, students solve problems by understanding and closing these vulnerabilities. This course raises students' knowledge of and commitment to ethical computing behavior. It also aims to develop students' skills as consumers, friends, citizens, and employees who can effectively contribute to communities with a dependable cyber-infrastructure that moves and processes information safely.

Fine Arts Course Numbers - Music

Class	Semester 1	Semester 2	Year/ Semester	Available
A Cappella Choir*	5060	5065	Year	10-12
Indianola Singers*	5020	5025	Year	10-12
Bel Canto*	5030	5035	Year	10-12
Cantare	5050	5055	Year	9-12
Apollo Chorus	5070	5075	Year	9-12
Band 9-12*	5170	5175	Year	9-12
Color Guard*	5110		Sem	9-12
Orchestra*	5130	5135	Year	9-12
Music Fundamentals/ DMACC (offered 2022-2023)~		5185	Sem	11-12
Music History Appreciation/ DMACC (offered 2023-2024)~		5165	Sem	11-12

*Prerequisite for course
~ DMACC Credit Class

■A Cappella Choir

Grade: 10-12
Prerequisite: Student Audition

Credit: 2
Semester: Year

Course Description

This is the highest-level auditioned ensemble and enrollment in this course will require a high level of musicianship and dedication. The choir will rehearse daily and all members will be required to have a voice lesson or attend a vocal seminar. Private vocal lessons outside the school day are highly encouraged for members. The required performances will include four concerts, vocal festivals, state small and large group contests and various community functions as scheduled. Optional opportunities will include Side One or Flip Side show choir, competitions, college festivals, concert spotlights, solos and the spring musical. Music from a variety of styles and time periods will be studied including chamber music, motets, madrigals, spirituals and vocal jazz. Auditions will be held in May for the next school year.

■Indianola Singers

Grade: 10-12
Prerequisite: Student Audition

Credit: 2
Semester: Year

Course Description

This is an intermediate-level auditioned ensemble of mixed singers and enrollment in this course will require a high level of musicianship and dedication. The choir will rehearse daily and all members will be required to have a voice lesson or attend a vocal seminar. Private vocal lessons outside the school day are highly encouraged for members. The required performances will include four concerts, the LHC Vocal Festival and State Large Group Contest. Optional opportunities include Side One or Flip Side show choir, competitions, college festivals, concert spotlights, solos, State Solo and Ensemble Competition and the spring musical. Music from a variety of styles and time periods will be studied. Auditions will be held in May for the next school year.

■Bel Canto

Grade: 10-12 Treble Clef
Prerequisite: Student Audition

Credit: 2
Semester: Year

Course Description

This is an intermediate-level auditioned ensemble of treble singers and enrollment in this course will require a high level of musicianship and dedication. The choir will rehearse daily and all members will be required to have a voice lesson or attend a vocal seminar. Private vocal lessons outside the school day are highly encouraged for members. The required performances will include four concerts and State Large Group Contest. Optional opportunities include Side One or Flip Side show choir, competitions, college festivals, concert spotlights, solos, State Solo and Ensemble Competition and the spring musical. Music from a variety of styles and time periods (within the category of treble clef) will be studied. Auditions will be held in May for the next school year.

■Cantare

Grade: 9-12 Treble Clef
Prerequisite: None

Credit: 2
Semester: Year

Course Description

This is an ensemble of treble clef singers that will work on developing vocal ability through level-appropriate literature. The choir will rehearse daily and all members will be required to have a voice lesson or attend a vocal seminar. The required performances include four concerts and State Large Group Contest. Optional opportunities include Side One or Flip Side show choir, competitions, college festivals, concert spotlights, solos and the spring musical. Music from a variety of styles and time periods (within the category of treble clef) will be studied.

■Apollo Chorus

Grade: 9-12 Bass Clef

Credit: 2

Prerequisite: None

Semester:.....Year

Course Description

This is an ensemble of bass clef singers that will work on developing vocal ability through level-appropriate literature. The choir will rehearse daily and all members will be required to have a voice lesson or attend a vocal seminar. The required performances include four concerts and State Large Group Contest. Optional opportunities include Side One or Flip Side show choir, competitions, college festivals, concert spotlights, solos, the spring musical, etc. Music from a variety of styles and time periods (within the category of bass clef) will be studied.

■Band 9-12

Grade:9-12

Credit: 2

Prerequisite:....Previous experience playing an instrument or
..... director approval following private lesson instruction

Semester:.....Year

First Quarter: *Marching Band*

Second Quarter: *Symphonic Band/Wind Ensemble*

Second Semester: *Symphonic Band/Wind Ensemble*

Course Description

All 9-12 band students will meet daily and will have a weekly lesson. Members should have participated in middle school or high school band. Those students that may have dropped out of band and wish to re-enroll, must successfully audition. This performance-based course includes participation in marching band, concert band, formal concerts, contests and festivals. Marching band meets at 7 a.m. on Monday, Tuesday, Thursday and Fridays during the first nine weeks and rehearses through 1st period. At the conclusion of the marching band season, the marching band is split into two concert bands; the Wind Ensemble and Symphonic Band. Auditions will be held in the fall to determine proper placement and will be based on student ability. The Wind Ensemble will study band literature appropriate for upper high school and collegiate level bands. The Symphonic Band will study band literature for good developing high school bands. Enrollment in this course requires attendance at all pre-determined concerts, contests, and festivals. Students will be required to complete weekly lessons and do playing tests at various times throughout the year. Optional opportunities will include Jazz Band, Pep Band, All-State Music Festival, various honor bands, and State Solo/Ensemble Contest.

■Color Guard

Grade:9-12

Credit: 0.5

Prerequisite: Auditions

Semester:.....Sem

Course Description

The color guard is an auditioned auxiliary group to the marching band. Color guard performs with the marching band at all performances. Audition and selection of students for the color guard will take place in the spring each year. The number of students selected for color guard is at the discretion of the directors. Summer rehearsals and performances are required. Students selected for color guard that play concert band instruments need to sign up for the Band 9-12 course. One half credit will be awarded for participation in color guard.

■Orchestra

Grade:9-12

Credit: 2

Prerequisite: Middle School Orchestra or by audition

Semester:.....Year

Course Description

The Indianola High School Orchestra is a performance ensemble made up of orchestral string musicians in grades 9 – 12. Members should have participated in middle school orchestra through 8th grade. Students who have dropped orchestra but wish to re-enroll must successfully audition. The orchestra meets for daily rehearsals and students receive weekly individual or group technique lessons. Members of the ensemble have several performance opportunities, including formal concerts, festivals, and state large group contest. Students in the orchestra may also participate in optional opportunities including Chamber Orchestra, All-State Music Festival, various honor orchestras, and State Solo/Ensemble Contest.

■Music Fundamentals/DMACC* (offered 2022-2023)

Grade:11-12

Credit: 1

Prerequisite: None

Semester:..... Second

Course Description

This course introduces students to the elements of music through how those elements are taught at various levels of schooling from pre-school through the upper elementary grades. Students will learn about music education philosophies and will be required to role play as young students and as music teachers. All students will be required to learn the basic elements of playing a keyboard instrument. This course is offered face-to-face only. **Students taking concurrent enrollment courses must take the course for college credit. Drop date without consequences will be determined by DMACC. If the class is dropped for DMACC credit it will also be dropped for high school credit.**

College credit will be given from DMACC upon successful completion of this class.

*DMACC Music Fundamentals – MUS102

3 credits

■ **Music History Appreciation/DMACC* (offered 2023-2024)**

Grade: 11-12

Credit: 1

Prerequisite: None

Semester: Second

Course Description

This course will describe a broad overview of the elements of music and six major eras of music history (Middle Ages, Renaissance, Baroque, Classical, Romantic, and Twentieth Century) and their representative compositions. Within each era, the musical characteristics of the period and the musical ensemble of the period and how music, in general, evokes human emotional response. **Students taking concurrent enrollment courses must take the course for college credit. Drop date without consequences will be determined by DMACC. If the class is dropped for DMACC credit it will also be dropped for high school credit.**

College credit will be given from DMACC upon successful completion of this class.

***DMACC Music Appreciation – MUS100**

3 credits

Fine Arts Course Numbers - Visual

Class	Semester 1	Semester 2	Year/ Semester	Available
Art I	5300	5305	Year	9-12
Ceramics	5350	5355	Sem	9-12
Sculpture	5370	5375	Sem	9-12
Drawing*	5310		Sem	10-12
Painting*		5335	Sem	10-12
Advanced Ceramics*	5360	5365	Sem	10-12
Advanced Sculpture*	5380	5385	Sem	10-12
Graphic Design	5390	5395	Sem	10-12
Advanced Drawing*	5320		Sem	11-12
Advanced Painting*		5345	Sem	11-12
Photography I	5410	5415	Sem	10-12
Photography II*		5515	Sem	11-12

*Prerequisite for course

■Art I

Grade:9-12

Credit: 2

Prerequisite: None

Semester:.....Year

Course Description

Students will study and produce studio work using art elements; the principles of design and composition, perspective, figure drawing, introduction to drawing media, charcoal, pen and ink, mounting, transparent watercolor, tempera the study of color and other art concepts using a variety of media and materials, and the study of art history, criticism and appreciation as it applies to their studio work.

■Ceramics

Grade:9-12

Credit: 1

Prerequisite: None

Semester:.....First or Second

Course Description

This course provides a comprehensive “hands on” introductory experience working with the clay medium. Specific importance is placed on the discovery process of finding ones unique sense of expression. The class will begin mainly focusing on hand building and then move onto wheel throwing methods of forming clay. There will be weekly reading assignments, quizzes, and demonstrations. The following problems will be assigned in this class: Introduction to Clay, Tile Series, Firing and Processing Clay, Introduction to the Potter’s Wheel, Press Mold, Decorative Coil Vessel, Glazing and Kilns.

■Sculpture

Grade:9-12

Credit: 1

Prerequisite: None

Semester:.....First or Second

Course Description

This course provides a comprehensive “hands on” experience working mainly with clay medium. Specific importance is placed on the discovery process of finding ones unique sense of expression. The students will begin by creating a series of studies to develop modeling, carving and building skills with the goal of learning how to scale sculptures up in size. The following problems will be assigned in this class: Modeling, carving and assemblage studies in clay, Scaling up studies, Self Portrait, Narrative Sculpture, Alternative Firing and Glazing, Exploring New Mediums.

■Drawing

Grade:10-12

Credit: 1

Prerequisite: Art I

Semester:..... First

Course Description

Students will explore drawing as a form of creative expression using macro drawing, micro drawing, drawing as an art in itself, using the right side of the brain, drawing as a preliminary to other art forms, gesture, contour, value, modeled and line drawing using a variety of subject matter, still life, landscape, and human figure drawing. Students will study and use a variety of media and materials such as pencil, charcoal, pastel, oil pastel, wash, pen and ink, watercolor, collage, and will learn matting, framing, and proper display of their work. All drawing students will participate in the preparation and display of their work for a gallery exhibition.

■Painting

Grade: 10-12

Credit: 1

Prerequisite: Art I

Semester: Second

Course Description

Students will explore painting through both assigned and individual creative studio projects with an emphasis on work in acrylic painting, including construction of stretcher strips, painting support preparation, techniques in impasto, glazing, direct and indirect painting, framing and display, safety in the painting studio, art history in relation to painting, advanced painting techniques, the use of painting mediums, and the study of art forms, styles, and periods. Students will also study painting history from pre-history through the Renaissance. All painting students will participate in the preparation and display of their work for a gallery exhibition.

■Advanced Ceramics

Grade: 10-12

Credit: 1

Prerequisite: Ceramics

Semester: First or Second

Course Description

This course provides an opportunity for the student to explore in greater depth hand building and wheel throwing methods of forming clay. Specific importance is placed on the discovery process of finding ones unique sense of expression. There will be weekly reading assignments, quizzes and demonstrations. The following problems will be assigned in this class: Introduction to clay, Extruding Clay, Firing and Processing Clay, Reviewing the Potter's Wheel, Hard and Soft Slabs, Drape Mold/Platter Forms, Glaze Research and Kilns.

■Advanced Sculpture

Grade: 10-12

Credit: 1

Prerequisite: Sculpture

Semester: First or Second

Course Description

This course provides a comprehensive "hands on" experience working mainly with the clay medium. Specific importance is placed on the discovery process of finding ones unique sense of expression. The students will begin by creating a series of studies with the goal of scaling up a study. The following problems will be assigned in this class: studies in clay, Making Studies Larger in Scale, Sculptural Forms, Non Clay Combined Sculpture.

■Graphic Design

Grade: 10-12

Credit: 1

Prerequisite: None

Semester: First or Second

Course Description

This course is an introduction to the world of graphic design and its processes for commercial art and pre-press work for publication. Students will design and create layouts, advertisements, magazine covers, logos, stationary, brochures, flyers and other forms of commercial art and graphics. Students will be introduced to and create original work using computer graphics, digital photography, photo enhancement and computer layouts and illustration using Adobe PhotoShop, Adobe Illustrator, Adobe InDesign, and Microsoft Word.

■Advanced Drawing

Grade: 11-12

Credit: 1

Prerequisite: Drawing

Semester: First

Course Description

Students will explore drawing as a form of creative expression and as a preliminary to other art forms. Students will continue work with gesture, contour, value modeled and line drawing using a variety of subject matter, still life, landscape, and advanced human figure drawing. Students will study and use a variety of media and materials such as pencil, charcoal, pastel, oil pastel wash, pen and ink, watercolor, and will explore mixed media. Students will learn matting, framing, and proper display of their work. Students will also research artists whose work reflects styles, concepts, media or techniques relevant to their own work. All drawing students will participate in the preparation and display of their work for a gallery exhibition.

■Advanced Painting

Grade: 11-12

Credit: 1

Prerequisite: Painting

Semester: Second

Course Description

Students will explore advanced creative painting techniques through a historical approach beginning with Romanticism through Modern Art. Students will also have the opportunity to select media in acrylic, watercolor and mixed media. Students will be assigned painting projects relevant to the individual student's proficiency, deficiencies, and intended direction of study including media, process, and/or subject matter, and concepts. Students will also research artists whose work reflect style, technique, intent or media relevant to their own work and will conclude their course work with an exhibit of their studio projects.

■Photography I

Grade: 10-12

Credit: 1

Prerequisite: None

Semester: First or Second

Course Description

In Digital Photography I, students will have the opportunity to explore photography in the context of our modern, digital world. This course will cover the basics of camera operations, photography techniques, subject matter, point of view, lighting and composition. Digital photographs are lightly edited and manipulated using Adobe Lightroom and Adobe Photoshop.

■Photography II

Grade: 11-12

Credit: 1

Prerequisite: Photography I

Semester: Second

Course Description

In Photography II, students will continue to explore images created through digital devices such as digital cameras, cell phones and other found images. This course will deepen the understanding of photography techniques, composition and photo editing. Students will use Adobe Creative Cloud programs to build their photography portfolio.

Computer and Business Education Course Numbers

Class	Semester 1	Semester 2	Year/ Semester	Available
Business Technology Basics	6000	6005	Sem	9-12
Business Technology	6010	6015	Sem	9-12
Microsoft Office Applications/ DMACC*~	6020	6025	Sem	10-12
Accounting I	6050		Sem	10-12
Accounting II/DMACC*~		6075	Sem	10-12
Accounting III*	6060		Sem	11-12
Introduction to Marketing		6085	Sem	10-12
Personal Finance	6120	6125	Sem	10-12
Personal & Business Law		6095	Sem	11-12
School-2- Career/DMACC*~	6130	6135	Year	12

*Prerequisite for course
~DMACC Credit Class

■Accounting II/DMACC*

Grade: 10-12
Prerequisite: Accounting I

Credit: 1
Semester: Second

Course Description

The second semester of accounting finishes the accounting cycle for a merchandising business organized as a corporation begun in Accounting I. Students will learn to keep records using special journals as well as multiple ledgers. Students will also explore payroll accounting and learn how to calculate taxes and earnings. During the second semester, students will complete a realistic accounting simulation which requires them to complete all accounting activities for a corporation for a month. **Students taking concurrent enrollment courses must take the course for college credit. Drop date without consequences will be determined by DMACC. If the class is dropped for DMACC credit it will also be dropped for high school credit.**

College credit will be given from DMACC upon successful completion of this class.

*DMACC Intro to Accounting – ACC111

3 credits

■Accounting III

Grade: 11-12
Prerequisite: Accounting I, Accounting II

Credit: 1
Semester: First

Course Description

Accounting III is an advanced accounting course to build on the fundamental accounting concepts learning in first-year accounting. In this course, students will gain a deeper understanding of accounting through continuation of the Century 21 Accounting curriculum into advanced material. Course topics will include: financial statement analysis, debt financing, capital stock, depreciation and inventory costing methods. Students will finish the semester with project-based learning including a real-life accounting computerized simulation, accounting career exploration and stock analysis.

■Introduction to Marketing

Grade: 10-12
Prerequisite: None

Credit: 1
Semester: Second

Course Description

Introduction to Marketing is a course designed for students who are interested in exploring how products are developed, produced, promoted, and distributed. Topics covered include basic marketing and economic concepts, market research, selling, advertising and promotion. Communication, leadership and technology skills will be developed, as well as employability and career development strategies.

■Personal Finance

Grade: 10-12
Prerequisite: None

Credit: 1
Semester: First or Second

Course Description

This class will cover the basic foundations of personal finance: savings, understanding investments, college planning, credit and debt, budgeting, bargain shopping, insurance/risk management, real estate and mortgages. Students will learn skills necessary to guide them in managing their money.

■Personal and Business Law

Grade: 11-12

Credit: 1

Prerequisite: None

Semester:..... Second

Course Description

This course is designed to familiarize students with current laws and the legal system. Students will study special laws for minors, families, and consumers. The course will help students become aware of contracts (legal and binding), remedies for breach of contract, laws involving the use of credit, and laws concerning personal and real property. Emphasis is placed on current events dealing with law and current changes.

■School-2-Career/DMACC

Grade: 12

Credit: 6

Prerequisite: Application Required

Semester:..... Year – Periods 6, 7, and 8

School-2-Career (S2C) is an opportunity for IHS seniors to gain the skills necessary to be a highly effective member of the workforce in a specific career field of interest and explore what it takes to develop and maintain a rewarding career. School-2-Career (S2C) is a course that provides students with experiences that cannot be replicated in the classroom. The course is made up of two components: in class and career placement. The first 9 weeks of the course are spent in the classroom, culminating with a final job interview prior to career placement. The remainder of the year is spent on the job site with regular observations by the S2C coordinator. Each student is placed into the career field of their choice within the community by the S2C coordinator. There, you will develop a broad range of skills that can assist you in today's changing workplace. At the completion of the yearlong course each student will receive 6 IHS credits as well as 6 DMACC credits. Applicants must apply and be accepted into S2C during the spring of their junior year. This course is offered as a DMACC dual enrollment course, DMACC's WBL 100, WBL 110 and ADM 936 will be offered and students who complete the course will receive a total of 6 DMACC college credits.

College credit will be given from DMACC to 12th grade students upon successful completion of this course.

*DMACC Exploring Careers – WBL100	1 credit
*DMACC Employability Skills – WBL110	2 credits
*DMACC Occupational Experience – ADM936	3 credits

Family & Consumer Science Course Numbers

Class	Semester 1	Semester 2	Year/ Semester	Available
Foods I	7000	7005	Sem	10-12
Foods II*		7015	Sem	11-12
Introduction to Hospitality*	7080		Sem	11-12
Child Care I	7060		Sem	10-12
Child Care II*		7075	Sem	11-12

***Prerequisite for course**

■Foods I

Grade: 10-12

Credit: 1

Prerequisite: None

Semester:.....First or Second

Course Description

This course is designed to prepare students to become self-sufficient in the kitchen in all aspects from planning, preparation, and nutrition. Food, nutrition, and wellness continually change to reflect the realities of today's world. Teens need to find time for healthy meals in a tightly scheduled day, as they sort through ever-expanding options and advertisements. This class will teach students how to make healthy and informed food related decisions that contribute to wellness over their lifetime. The first half of the course is dedicated to basic cooking techniques and safety/sanitation in the kitchen while cooking with grains, fruits, vegetables, protein, and dairy products. The second half of the course connects the culinary concepts with nutrition and meal management in preparing wholesome, nutrient-rich recipes. Cooking labs are incorporated weekly allowing students to apply what they have learned.

■Foods II

Grade: 11-12

Credit: 1

Prerequisite:Foods I

Semester:..... Second

Course Description

This course is a continuation of Foods I where we apply what we learned in Foods I to more advanced topics and cooking experiences. Students will review safety and sanitation procedures, learn intricate knife cuts, practice advanced food preparation techniques, and explore careers in the culinary industry. A class favorite is our baking and pastries units where students take on the world of pastry chefs, making a variety of yeast breads, quick breads, pastries, and competing in a cake decorating competition. Baking principles and procedures will be examined and applied through hands-on practice. Students may also explore measuring using weight, calculating baker's percentage, cost analysis of baked goods, and industry standards for commercial baking. Additional topics may include regional and ethnic food options, menu planning, place and plating techniques, and much more! Cooking labs are incorporated weekly allowing students to apply what they have learned.

■Introduction to Hospitality

Grade: 11-12

Credit: 1

Prerequisite:Foods I

Semester:..... First

Course Description

The hospitality industry is one of the fastest growing industries in the world! This course will introduce students to an industry that encompasses lodging, travel, tourism, recreation, amusements, attractions and food/beverage operations. Students learn about key hospitality issues, the development and management of tourist locations, event planning, marketing and environmental issues related to leisure and travel. Students will gain skills in communication, time management and customer service that meet industry standards.

■Child Care I

Grade: 10-12

Credit: 1

Prerequisite: None

Semester: First

Course Description

Do you have an interest in working with children for a future career? Do you think you may become a parent someday? This course begins to take a closer look at child development from conception through infancy. The first half of this course focuses on the intricacies of the male/female reproductive system, sexually transmitted infections, methods of planning and preventing pregnancy, infertility, pregnancy, birth, and more! Students will become experts on reproductive health of both males and females, and expand their knowledge on health during pregnancy. They will explore the process of birth, labor and delivery. Students are introduced to a variety of developmental theorists as they study the physical, intellectual, social, emotional and moral growth and development of children. To wrap up Child Care I, students will learn about infant development and care.

■Child Care II

Grade: 11-12

Credit: 1

Prerequisite: Child Care I

Semester: Second

Course Description

This course is a continuation of Child Care I. This course begins by studying the growth and development of toddlers, preschool aged children and school aged children. Students will apply what they learned about growing and developing children to expand their knowledge on child health/safety concerns, childcare options, effective disciplinary and child guidance techniques, and child nutrition while creating creative child friendly activities and snacks. Students will be introduced to child-related career paths including child care workers. A variety of toys will be brought into class for students to play with and learn from.

Industrial Technology Course Numbers

Class	Semester 1	Semester 2	Year/ Semester	Available
Fundamentals in 2D Drafting	8070	8075	Sem	9-12
Applications in 3D Drafting*		8085	Sem	9-12
Construction Tools and Materials	8040	8045	Sem	9-12
Architectural Drafting I*	8020		Sem	10-12
Architecture & Construction*	8010	8025	Sem	10-12
Construction Techniques I*	8050		Sem	10-12
Woodworking*		8095	Sem	10-12

***Prerequisite for course**

■ Fundamentals in 2D Drafting

Grade:9-12
Prerequisite: None

Credit: 1
Semester: First or Second

Course Description

This is a semester course that introduces students to the basics of computer aided drafting. Students will learn to read and produce technical drawings used as a means of communication between the designers and the technician. These drawings will include a variety of different drawing types and designs that are used in the engineering field. **Algebra and Geometry are recommended but are not required.**

■ Applications in 3D Drafting

Grade:9-12
Prerequisite: Fundamentals in 2D Drafting

Credit: 1
Semester: Second

Course Description

This is a semester course where the student will develop advanced computer aided design drafting skills that are regularly used in the industrial and engineering fields. Students learn how to develop technical drawings that can solve a real-world problem as well as career pathways that lead to different careers associated with drafting. **Algebra and Geometry are recommended but are not required.**

■ Construction Tools and Materials

Grade:9-12
Prerequisite: None

Credit: 1
Semester: First or Second

Course Description

This is a semester course where students will be introduced to the tools and materials used in the construction trades. Emphasis will be on safe operation of portable power tools, hand tools and machinery used in the woodworking and construction industries. Students will have various required projects assigned by the instructor that must be completed for a grade as well as an individual project that will also be completed.

Students will be required to keep a portfolio of all safety tests and assignments covered in this course. This portfolio will contain a working plan, bill of materials and plan of procedure sheets.

***Safety glasses are required at the student's expense.**

■ Architectural Drafting I

Grade:10-12
Prerequisite: Fundamentals in 2D Drafting

Credit: 1
Semester: First

Course Description

This is a semester course where the student will develop advanced computer aided design drafting skills that are required in the architectural drafting field. This course will focus on residential housing and the building codes that go along with this career pathway. Students will also explore the different types of residential buildings and understand the differences between them. **Algebra and Geometry are recommended but are not required.**

■Architecture & Construction

Grade: 10-12

Credit: 1

Prerequisite: Fund in 2D Drafting, Construction Tools

Semester:.....First or Second

Course Description

This is a semester course where students will be introduced to several aspects of the industrial technology field. This class will use the student's drafting and construction experience and incorporate that into solving real world problems. This class will focus on both sides of the drafting process and will incorporate building into that process. Students will take their own original idea and drawings and use that to create a product or service that solves a real-world problem.

Students will be required to keep a portfolio of all safety tests and assignments covered in this course. This portfolio will contain a working plan, bill of materials and plan of procedure sheets.

***Projects are required at the student's expense.**

***Safety glasses are required at the student's expense.**

■Construction Techniques I

Grade: 10-12

Credit: 1

Prerequisite:Construction Tools and Materials

Semester:First

Course Description

This is a semester course where students will learn basic construction techniques as well as more advanced woodworking techniques that are used in the trade. Students will design, plan and build their own self-driven projects that are going to meet or surpass industry standard. There will be several self-driven projects that students will have to complete for a grade as well as class projects that will be completed all together.

Students will be required to keep a portfolio of all safety tests and assignments covered in this course. This portfolio will contain a working plan, bill of materials and plan of procedure sheets.

***Projects are required at the student's expense.**

***Safety glasses are required at the student's expense.**

■Woodworking

Grade: 10-12

Credit: 1

Prerequisite:Construction Techniques I

Semester:..... Second

Course Description

This is a semester course where students will learn advanced woodworking techniques that are used in the furniture making field. Students will design, plan and build their own self-driven projects that are going to meet or surpass industry standards. There will be several self-driven projects that students will have to complete for a grade.

Students will be required to keep a portfolio of all safety tests and assignments covered in this course. This portfolio will contain a working plan, bill of materials and plan of procedure sheets.

***Projects are required at the student's expense.**

***Safety glasses are required at the student's expense.**

Agriculture Education Course Numbers

Class	Semester 1	Semester 2	Year/ Semester	Available
Intro to AFNR (Agriculture, Food, Natural Resources)	9000		Sem	9-12
Animal Science	9010		Sem	9-12
Natural Resources		9025	Sem	9-12
Horticulture		9045	Sem	9-12
Advanced Animal Science*		9035	Sem	11-12
Biotechnology in Agriculture		9055	Sem	11-12
Agricultural Business		9075	Sem	10-12
Agricultural Leadership I	9080		Sem	11-12
Agricultural Leadership II*	9091		Sem	12

*Prerequisite for course

■Biotechnology in Agriculture

Grade: 11-12
Prerequisite: None

Credit: 1
Semester: Second

Course Description

This course will provide students with the basic understanding of concepts behind the biotechnology revolution in agriculture. Topics included are cell functions, genetics, genetic engineering, cloning, ethics, the uses of biotechnology and careers. Many laboratories will be completed such as plant tissue cultures, DNA transformation, DNA extraction, DNA fingerprinting and food purity tests. FFA and SAE are intra-curricular parts of the class.

■Agricultural Business

Grade: 10-12
Prerequisite: None

Credit: 1
Semester: Second

Course Description

Students will learn fundamentals of agricultural business management. Instructional units include: principles of agricultural decision-making, record keeping, financial statements, budgeting, cash flows, marketing, agricultural products, advertising, business organization, and agricultural sales. FFA and SAE are intra-curricular parts of this class.

■Agricultural Leadership I

Grade: 11-12
Prerequisite: None

Credit: 1
Semester: First

Course Description

Students will learn fundamentals of communications and leadership in agriculture. Instructional units include: agricultural public speaking and communications; agricultural issues and current events; coordination of various leadership activities; and agricultural careers and career advancement. FFA and SAE are intra-curricular parts of this class.

■Agricultural Leadership II

Grade: 12
Prerequisite: Agricultural Leadership I

Credit: 1
Semester: First

Course Description

This agricultural leadership course will build on the knowledge, attitudes and skills students obtained through their participation and involvement in various ag classes, Leadership Development Events (LDE's) and ag industry experiences. Students will continue to advance and refine their leadership skills through studies in Communication, Personal Growth, SAE's, Problem Solving & Teamwork as well as Career Success. This course will benefit students preparing for post-secondary agriculture education courses and/or a career in the agriculture industry.

FFA

FFA is a student youth organization that is an intra-curricular part of agricultural educational programs. There are many FFA activities that develop leadership, personal growth and career success. More details are available in the FFA Program of Activities and/or the Student Parent Handbook.

SAE

SAE is Supervised Agricultural Experience programs. Students conduct Production, Placement, Agriscience or Agribusiness activities outside the school setting. SAE activities are many and varied depending on student interests and opportunities.

Health and Physical Education Course Numbers

Class	Semester 1	Semester 2	Summer	Year/ Semester	Available
Health I	4200	4205		Sem	9-12
Health II*		4206		Sem	9-12

Physical Education

Individual/Personal Fitness		101		Sem	9-10
Individual/Dual Recreation Activities		102		Sem	9-10
Team Games/ Activities & Sports		103		Sem	9-10
Total Body Fitness & Conditioning-Beginner	123	104		Sem	9-12
Total Body Fitness & Conditioning-Advanced*	124	105		Sem	9-12
Individual/Personal Fitness	120			Sem	11-12
Individual/Dual Recreation Activities	121			Sem	11-12
Team Games/ Activities & Sports	122			Sem	11-12
Early Bird Physical Education**	130	135		Sem	10-12
R Peer Phys Ed**		107		Sem	9-10
R Peer Phys Ed**	112			Sem	11-12

*Prerequisite for course

**Instructor Conversation

■Health I

Grade:9-12
Prerequisite: None

Credit: 1
Semester:.....First or Second

Course Description

The basic objective of Health I is to help the student appreciate the value of physical health and acquire the knowledge needed to maintain a state of well-being. Some of the units covered in Health I include, but are not limited to: Introduction to Health and Wellness, Nutrition and Food Choices, Fitness and Personal Health and Understanding and Avoiding Hazardous Substances.

■Health II

Grade:9-12
Prerequisite: Health I

Credit: 1
Semester:..... Second

Course Description

The basic objective of Health II is to help the student appreciate the value of mental, emotional and social health and acquire the knowledge needed to maintain a state of well-being. Some of the units covered in Health II include, but are not limited to: Disease and Disorders, Mental and Emotional Health and Wellness, Social Health and Wellness and The Human Life Cycle.

■Physical Education - GRADUATION REQUIREMENT IS 4 CREDITS

■Individual/Personal Fitness

Grade:9-12
Prerequisite: None
.....

Credit: 1
Semester:. First Semester grades 11-12
..... Second Semester grades 9-10

Course Description

This class will provide you an opportunity to learn a variety of noncompetitive exercise methods and activities that will maintain and/or improve your fitness level. Course emphasis is on regular, safe exercise in an individual or small group setting, to promote healthy lifestyles. Activities may include: walking, pilates, yoga, abdominal work, balance work, medicine balls and use of cardio equipment. During the first semester of each school year, CPR training will be required of all students in physical education classes.

■Individual/Dual Recreation Activities

Grade:9-12
Prerequisite: None
.....

Credit: 1
Semester:. First Semester grades 11-12
..... Second Semester grades 9-10

Course Description

This class will provide you an opportunity to learn a variety of movement, fitness and sport activities. Emphasis will be placed on learning and enhancing technique and skills in selected activities in individual or small group settings. Activities may include: archery, Frisbee, table tennis, badminton, carpet ball etc. During the first semester of each school year, CPR training will be required of all students in physical education classes.

■Team Games/Activities & Sports

Grade:9-12
Prerequisite: None
.....

Credit: 1
Semester: . First Semester grades 11-12
..... Second Semester grades 9-10

Course Description

This class will provide you an opportunity to learn a variety of movement, fitness and sport activities. Emphasis will be placed on learning and enhancing technique and skills in selected activities in a group or team setting. Activities may include: flag football, volleyball, basketball, ultimate Frisbee, floor hockey, prison ball, etc. During the first semester of each school year, CPR training will be required of all students in physical education classes.

■Total Body Fitness & Conditioning - Beginner

Grade:9-12
Prerequisite: None

Credit: 1
Semester: Sem

Course Description

This class is for those who have never taken Total Body Fitness and will provide you an opportunity to learn how to improve your overall level of physical fitness. Activities focus on several methods of achieving and maintaining a healthy level of muscular strength and fitness. Emphasis will be on muscular strength, endurance, flexibility, agility, coordination, and balance. Activities may include weight training and speed / agility training. During the first semester of each school year, CPR training will be required of all students in physical education classes. **THIS CLASS WILL MEET EVERY DAY FOR 1 SEMESTER.**

■Total Body Fitness & Conditioning - Advanced

Grade:9-12
Prerequisite: Beginner TBF & Conditioning

Credit: 1
Semester: Sem

Course Description

This class will provide you an advanced opportunity to improve your overall level of physical fitness. Activities focus on several methods of achieving and maintaining a healthy level of muscular strength and fitness. Emphasis will be on muscular strength, endurance, flexibility, agility, coordination, and balance. Activities may include weight training and speed/agility training. During the first semester of each school year, CPR training will be required of all students in physical education classes. **THIS CLASS WILL MEET EVERY DAY FOR 1 SEMESTER.**

■Early Bird Physical Education

Grade:10-12
Prerequisite: Instructor Conversation*

Credit: 1
Semester:.....First or Second

Course Description

This class will focus on all four elements of fitness - cardiovascular, muscular conditioning, balance and flexibility. The students will move through a variety of exercises designed to increase muscular strength, range of movement and functional fitness to enhance your daily living. A wide variety of equipment will be used to offer resistance, as well as other techniques to strengthen the body. This will be a high intensity class - be "Ready to Sweat"! This class will meet on Monday, Tuesday, Thursday and Friday at 6:40 - 7:30 for one semester. This time equals the time of a regular M-F physical education class during the regular day (200 minutes). This class is limited to 30 students and you must be approved by the Physical Education teachers. During the first semester of each school year, CPR training will be required of all students in physical education classes.

■Peer Physical Education

Grade:9-12

Credit: 1

Prerequisite: **Instructor Conversation***

Semester: . First Semester grades 11-12

Course Description

This Physical Education class is designed for students who may have unique and specific needs to be partnered with a Peer Helper and together participate in effective and developmentally appropriate skills within the least restrictive environment. Course emphasis is on regular, safe exercise in a small group setting. This class will provide you an opportunity to learn a variety of movement and fitness activities to promote healthy lifestyles. Attendance and having fun are two crucial components to being successful in the class. During the first semester of each school year, CPR training will be required of all students in physical education classes.

***If interested in this course, you must be approved by the instructor (Mrs. Lester).**

DMACC Southridge Career Academy Course Numbers

Class	Semester 1	Semester 2	Year/ Semester	Available
DMACC-CAcd Auto Collision~	600/651/652	615/625	Year	11-12
DMACC-CAcd Automotive Technology~	601	616	Year	11-12
DMACC-CAcd Business & Marketing~	660/661	665/667/668	Year	11-12
DMACC-CAcd Criminal Justice~	604/619	611/628	Year	11-12
DMACC-CAcd Health Occupations~	614/638/639	637/641/648	Year	11-12
DMACC-CAcd Human Services/Social Work~	673/674	675/676	Year	11-12
DMACC-CAcd Teacher Academy~	620/622	623/656	Year	11-12
DMACC-CAcd Welding~	603/653/654	643/657/659	Year	11-12
DMACC-CAcd Computer Programming Year 1~	684/685	687/689	Year	11-12
DMACC-CAcd Computer Programming Year 2~	695/697	698/699	Year	11-12

COUNSELOR MEETING IS NEEDED FOR ANY OF THE ABOVE COURSES

~DMACC Credit Class

■ DMACC-CAcd Auto Collision

Grade: 11-12
Prerequisite: None

Credit: 3 per semester
Semester: Year

Course Description

This program introduces students to the highly technological industry of Auto Collision and Repair. Students will gain experience in the areas of basic shop operations and procedures, welding, painting and shop safety. ***Please see your counselor regarding this course.***

15 DMACC CREDITS

Times available: M-F 7:40-9:40 a.m. and 1:10–3:10

■ DMACC-CAcd Automotive Technology

Grade: 11-12
Prerequisite: None

Credit: 3 per semester
Semester: Year

Course Description

The program is designed to prepare students for employment in the automotive service industry. This technological program allows students to gain experience with shop tools, automotive engines, brakes, suspension and alignment. ***Please see your counselor regarding this course.***

12 DMACC CREDITS

Times available: M-F 7:40-9:40 a.m. or 1:10-3:10 p.m.

■ DMACC-CAcd Business and Marketing

Grade: 11-12
Prerequisite: None

Credit: 3 per semester
Semester: Year

Course Description

This program is designed to provide a foundation of courses that prepare students for multiple business-related post-secondary opportunities. ***Please see your counselor regarding this course.***

17 DMACC CREDITS

Times available: M-F, 1:10-3:10 p.m.

■ DMACC-CAcd Criminal Justice

Grade: 11-12
Prerequisite: None

Credit: 3 per semester
Semester: Year

Course Description

This program introduces students to criminal law and crime scene investigation and prepares them for entry into the criminal justice field. ***Please see your counselor regarding this course.***

18 DMACC CREDITS

Times available: M-F, 7:40-9:40 a.m. or 1:10–3:10 p.m.

■ DMACC-CAcd Health Occupations

Grade: 11-12
Prerequisite: None
NCAA Clearinghouse: Not Approved

Credit: 3 per semester
Semester: Year

Course Description

This program will provide students the opportunity to explore careers in healthcare and work toward CNA training. Courses require extended clinical sessions on evening and weekends. ***Please see your counselor regarding this course.***

14 DMACC CREDITS

Times available: M-F, 7:40-9:40 a.m. or 1:10-3:10 p.m.

■ DMACC-CAcd Human Services/Social Work

Grade: 11-12
Prerequisite: None

Credit: 3 per semester
Semester: Year

Course Description

This program is designed for those students who are interested in gaining a better understanding of the Human Services field and the helping professions. The program emphasizes skills needed in working with clients such as interviewing, making appropriate referrals and assisting with mental counseling. Due to the nature of this class, mature topics will be discussed. ***Please see your counselor regarding this course.***

12 DMACC CREDITS

Times available: M-F, 1:10-3:10 p.m.

■ DMACC-CAcd Teacher Academy

Grade: 11-12
Prerequisite: None

Credit: 3 per semester
Semester: Year

Course Description

This program provides students with an opportunity to explore education-related professions and take part in real-life teaching experiences. Students will spend a total of 120 hours shadowing elementary and secondary teachers during portions of their assigned class time. Courses fulfill Level I Field Experience requirements at many four-year colleges. ***Please see your counselor regarding this course.***

8 DMACC CREDITS

Times available: M-F, 1:10-3:10 p.m.

■ DMACC-CAcd Welding

Grade: 11-12
Prerequisite: None

Credit: 3 per semester
Semester: Year

Course Description

This program allows students to engage in experiential learning in the areas of welding. Students will learn a variety of skills and processes in several methods of joining metals. ***Please see your counselor regarding this course.***

11 DMACC CREDITS

Times available: M-F 7:40-9:40 a.m., 10:00 a.m.-12:00 p.m., or 1:10-3:10 p.m.

■ DMACC-CAcd Computer Programming Year 1

Grade: 11-12
Prerequisite: None

Credit: 3 per semester
Semester: Year

Course Description

This program allows students to learn basic programming concepts, solve problems using a various programming languages and gain skills for a future technology-based career. ***Please see your counselor regarding this course.***

12 DMACC CREDITS

Meets Virtually - Times available: M-F 8:00-9:15 a.m., or 2:10-3:25 p.m.

■ DMACC-CAcd Computer Programming Year 2

Grade: 11-12
Prerequisite: None

Credit: 3 per semester
Semester: Year

Course Description

This program is a continuance of Computer Programming Year 1 teaching skills for a future technology-based career. ***Please see your counselor regarding this course.***

12 DMACC CREDITS

Meets Virtually - Times available: M-F 8:00-9:15 a.m., or 2:10-3:25 p.m.

Guidance Course Numbers

Class	Semester 1	Semester 2	Year/ Semester	Available
Sprint- In-Depth Independent Study	50	55	Sem	9-12
Senior Year Plus	690	695	Sem	11-12
Service Learning	220	225	Sem	9-12

COUNSELOR MEETING IS NEEDED FOR ANY OF THE ABOVE COURSES

■ Sprint – In-Depth, Independent Study

Grade:9-10-11-12 identified G/T students

Credit: 1

Prerequisite: Counselor Meeting

Semester:.....First and/or Second

Course Description

Sprint is a course designed by students to allow them in-depth study and/or practice in an area of intense personal interest. Students will select a topic of study and submit a concept paper and project proposal. During the course of study students will create weekly updates to show growth as they prepare a final project and presentation. **This course is offered as an elective credit regardless of topic of study.**

■ Senior Year Plus

Grade: 11-12 or an identified G/T student

Credit: 1

Prerequisite: Counselor Meeting

Semester:.....First and/or Second

Course Description

Students in grades 11-12 as well as students identified as talented and gifted in grades 9-10 may receive academic credits that count toward the graduation requirements for courses taught in post-secondary institutions. The student may receive credits for courses approved by the administration. A request for enrollment in the post-secondary institution must be made to the principal before registration for the class. Courses shall be approved on a case-by-case basis. No student may enroll in more than two courses per semester for high school credit. This does not include summer coursework. Students may not receive high school credit and college credit for the same class unless approved by the high school principal. Courses taken for high school credit will be included on the high school transcript and the grades will be computed into the high school grade point average. Students who fail a class taken under this policy will be responsible for reimbursing the school district for their costs.

■ Service Learning

Grade:9-12

Credit: 1

Prerequisite: Counselor Meeting

Semester:.....First and/or Second

Course Description

The Service Learning curriculum allows students to identify and practice skills for success. Service Learning is a course where students choose to work with staff and students within the school district during the semester. The units that are incorporated into the service include job preparation skills, time management, team building, communication skills, citizenship, and an individual project with assessment. The grade for the course will be pass/fail. The focus of this course is to develop relationships in a helping environment. Students may only have service learning one period a day for each semester.

ESOL Course Numbers

Class	Semester 1	Semester 2	Year/ Semester	Available
ESOL Development	230	235	Sem	9-12

■ESOL Development

Grade:.....9-12 identified ESOL students

Credit: 1

Prerequisite: None

Semester:.....First and/or Second

Course Description

This course develops students' ability to communicate in English through reading, writing, listening, and speaking. There is an emphasis on social and academic vocabulary, as well as grammar. Students will also develop literary and analytical skills to support their learning across disciplines.

Special Needs

Special education programs at Indianola High School offer a varying amount of integration into the general education classroom. Significant to substantial modifications are provided in the area of curriculum, instruction, social/emotional development, environment, life skills, and transitioning into post-secondary. An IEP team determines placement and types of services based on individual student needs.

Special Education teachers collaborate with general education teachers in various core content classes including, English, math, science, and social studies.

Special Needs Courses Levels 1 and 2

Class	Semester 1	Semester 2	Year/ Semester	Available
S Peer Phys Ed 9-10		106	Sem	9-10
S Peer Phys Ed 11-12	111		Sem	11-12
English 9 Basics	1300	1305	Year	9-12
English 10 Basics	1310	1315	Year	10-12
English 11 Basics	1320	1325	Year	11-12
English 12 Basics	1420	1425	Year	11-12
DI Skills B2 *	1330	1335	Sem	9-12
DI Skills C1*	1331	1336	Sem	9-12
DI Skills C2 *	1332	1337	Sem	9-12
US History Basics	2300	2305	Year	11-12
Government Basics	2320	2325	Sem	12
Economics & Financial Literacy Basics	2340	2345	Sem	12
Sociology Basics	2350	2355	Sem	11-12
Psychology Basics	2360	2365	Sem	11-12
World History Basics: 20 th Century to Present	2370	2375	Sem	9-10
Physical Science Basics	4130	4145	Year	10-12
Biology Basics	4150	4155	Year	10-12
General Math A Basics	3301	3306	Year	9-12
General Math B Basics	3300	3305	Year	9-12
Consumer Math Basics	3310	3315	Year	10-12
Tech Math Basics	3320	3325	Year	10-12
Skills Credit	700	715	Sem	9-12
Life Skills 1	780	785	Sem	9-12
Life Skills 2 Part A	781	786	Sem	9-12
Life Skills 2 Part B	782	787	Sem	9-12
Human Relations	740	745	Sem	9-12

*Must take placement test

Special Needs Courses Level 3

Class	Semester 1	Semester 2	Year/ Semester	Available
S Peer Phys Ed 9-10		106	Sem	9-10
S Peer Phys Ed 11-12	111		Sem	11-12
English 9 Fundamentals	1340	1345	Year	9-12
English 10 Fundamentals	1350	1355	Year	10-12
English 11 Fundamentals	1360	1365	Year	11-12
American Literature Fundamentals	1370	1375	Year	12
US History Fundamentals	2400	2405	Year	11-12
US Government Fundamentals	2420	2425	Sem	12
Economics Fundamentals	2430	2435	Sem	12
Sociology Fundamentals	2440	2445	Sem	10-12
World History Fundamentals: 20 th Century to Present	2450	2455	Sem	9-12
Science Fundamentals 2	4471	4476	Year	9-12
Physical Science Fundamentals	4480	4485	Year	10-12
Biology Fundamentals	4490	4495	Year	10-12
Applied Math (Pt I) Fundamentals	3420	3425	Year	9-12
Applied Math (Pt II) Fundamentals	3430	3435	Year	10-12
General Math A (Pt I) Fundamentals	3440	3445	Year	11-12
General Math B (Pt II) Fundamentals	3450	3455	Year	12
Life Skills 1	780	785	Sem	9-12
Life Skills 2 Part A	781	786	Sem	9-12
Life Skills 2 Part B	782	787	Sem	9-12
Foods Fundamentals	7300	7305	Sem	9-12
Skills Development	800	815	Sem	9-12

■Peer Physical Education

Grade:9-12
Prerequisite: **Instructor Conversation***
.....

Credit: 1
Semester: First Semesterr grades 11-12
Second Semester grades 9-10

Course Description

This Physical Education class is designed for students who may have unique and specific needs to be partnered with a Peer Helper and together participate in effective and developmentally appropriate skills within the least restrictive environment. Attendance and having fun are two crucial components to being successful in the class. ***If interested in this course please see Mrs. Lester for information.**

■English 9 Basics

Grade:9-12
Prerequisite: None

Credit: 1
Semester:.....Year

Course Description

This course parallels the general education curriculum and is taught by a certified teacher or in reverse consultation. The course is taught in a small group setting and reinforces fundamental reading, writing, speaking and listening skills as well as emphasizing analytical thinking skills. Students will study a wide range of literature including novels, short stories, epic poetry, drama and nonfiction. Independent reading projects will be assigned to supplement whole class assignment.

■English 10 Basics

Grade:10-12
Prerequisite: English 9

Credit: 1
Semester:.....Year

Course Description

This course parallels the general education curriculum and is taught in a small group setting by a certified teacher or in reverse consultation. The class emphasizes reading, writing, speaking and listening skills. Students will interpret and evaluate literature. Students will study drama, poetry, short story, novels and nonfiction. Independent reading projects will be assigned to supplement whole class assignment.

■English 11 Basics

Grade:11-12
Prerequisite: English 10

Credit: 1
Semester:.....Year

Course Description

This course parallels the general education curriculum and is taught by a certified teacher or in reverse consultation. This course is taught in a small group setting emphasizing reading, writing and speaking skills. Students will study fiction and non-fiction novels and graphic novels. There will be a focus on enhancing readiness for entrance to the work force.

■English 12 Basics

Grade:11-12
Prerequisite: English 11

Credit: 1
Semester:.....Year

Course Description

This course parallels the general education curriculum and is taught by a certified teacher or in reverse consultation. This course is taught in a small group setting emphasizing reading, writing and speaking skills. Students will study fiction and non-fiction novels and graphic novels. There will be a focus on enhancing readiness for entrance to the work force.

■Physical Science Basics

Grade:10-12
Prerequisite: Science 9

Credit: 1
Semester:.....Year

Course Description

This course is designed to gain fundamental knowledge in many areas including scientific measurement, earth science, physical science, environmental science and biology. Students will observe the physical world around them.

■Biology Basics

Grade:10-12
Prerequisite: Science 9

Credit: 1
Semester:.....Year

Course Description

This course is designed for students to gain basic fundamental knowledge in the area of Biology. It parallels the general education curriculum and is taught as reverse-consultation or by a certified teacher in Biology. This will be in a small group setting. We will examine heredity, genetics and nutrition of human beings at the basic level. Anatomy and physiology of the human body with the identification and function of organs will be introduced. We will also examine ecology and how plants and animals interact with each other.

■Direct Instruction Skills

Grade:9-12
Prerequisite: Students must be tested for placement

Credit: 1
Semester:.....First and Second

Course Description

Direct Instruction Skills is available to identified special needs students who need instruction in reading, decoding and/or comprehension skills. Students will progress through various levels:

1 – Decoding B1 4 – Comprehension B
2 – Decoding B2 5 – Comprehension C
3 – Decoding C

■Second Chance Reading

Grade:9-12
Prerequisite: none

Credit: 1
Semester:.....First and/or Second

Course Description

The purpose of Second Chance Reading is to accelerate the rate at which students read and comprehend both fiction and non-fiction textual materials. The course is designed for high school students that are reading below grade level. The goal is to remediate existing reading deficits and prepare students for successful completion of secondary level academic work.

■United States History Basics

Grade:11-12
Prerequisite: None

Credit: 1
Semester:.....Year

Course Description

This course parallels the general education curriculum and is taught as a reverse-consultation class in a small group setting. This course covers the period from 1860 to the present. Important people, events, and concepts in U.S. History will be studied. This course is intended for students with reading and/or writing disabilities or whose IEP recommends significant modifications to the general curriculum. It will meet the graduation requirement for a U.S. History course.

■Government Basics

Grade: 12
Prerequisite: None

Credit: 1
Semester:.....First and/or Second

Course Description

This course parallels the general education curriculum and is taught as a reverse-consultation class in a small group setting. The purpose of the course is to give the student a basic understanding of the makeup, structure and functions of the U.S. system of government. Special emphasis is given to the student's rights and responsibilities as a citizen.

■Economics & Financial Literacy Basics

Grade: 12
Prerequisite: None

Credit: 1
Semester:.....First or Second

Course Description

This course explores the fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their needs and wants. Special emphasis will be on the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security. The class will give the student a basic understanding of Law of Supply and Demand, investments, debt, savings for retirement and making budgets.

■Sociology Basics

Grade: 11-12
Prerequisite: None

Credit: 1
Semester:.....First or Second

Course Description

Sociology is the science of society, social institutions, and social relationships. This course will introduce students to the major theories and concepts needed to evaluate and apply sociological concepts to historical and current events. Students will be able to recognize the interaction and influences between groups and individuals, look at the factors that lead to change in individual and group behavior and apply the skills learned to help understand real life challenges.

■Psychology Basics

Grade: 11-12
Prerequisite: None

Credit: 1
Semester:.....First or Second

Course Description

Psychology is the scientific study of the mind and behaviors. This course will introduce students to the major theories, concepts and individuals from psychology. Students will develop the knowledge and skills to evaluate psychological concepts to historical and current issues. Upon completion of this course, students will explain how social, cultural, gender, and economic factors influence behavior, and investigate human behavior and thought processes from biological, cognitive, behavioral and sociocultural perspectives.

■Life Skills

Grade:9-12

Credit: 1

Prerequisite: None

Semester:.....First and/or Second

Course Description

Life Skills provides students with the opportunity to learn adaptive behavior and behavior management skills including organization, initiating tasks and appropriate coping strategies. Students will become aware of their interests, abilities and values while exploring career choices and post-secondary opportunities. Students will learn technology 21st century skills necessary for life after high school. Students will build a resume, complete applications and participate in mock interviews. Students will work to develop personal skills and attitudes related to being able to initiate tasks, maintain appropriate attention to task, appropriate communication strategies related to advocating for self and working in a group, and taking responsibility for actions.

■Human Relations

Grade:9-12

Credit: 1

Prerequisite: IEP Directive

Semester:.....First and/or Second

NCAA Clearinghouse:.....Not Approved

Course Description

Human Relations provides students with the opportunity to learn coping skills, understand the expectations of teachers and adults and learn how to interact appropriately with peers.

ONLINE LEARNING PROGRAM INDIANOLA HIGH SCHOOL

We are proud to offer our Online Learning Program here at Indianola High School. We also offer self-paced courses that students can take for an alternative digital learning experience. These courses offer the flexibility for students to move as quickly or as slowly as they need to and to work on the class at literally any time of day or night.

The goal of the Online Learning Program is to ensure that students who choose to learn in an online format have that option and to provide students who need an alternative learning environment the flexibility of online coursework. Students taking classes as part of the Online Learning Program have the opportunity to personalize learning based on self-motivation and individual needs. Students have the opportunity to complete all of their classes online or a combination of online and traditional learning.

However, before a student can take any self-paced courses, they must successfully complete Intro to Online Learning, a 1-credit self-paced technology credit that ensures they are ready for a fully digital experience. To take that prerequisite class, students should see their counselor.

The classes you take toward graduation should prepare you for the adult world. We are proud to offer rigorous, flexible options that meet the needs of all types of students. Your high school educational experience should be based on your individual goals, strengths, and weaknesses. It is important to personally evaluate your future plans.

Indianola High School Staff and Administration

- The schedule for Online Learning Program students will be assigned according to the academic needs of the student.
- The goal for students is to graduate from Indianola High School with a post-secondary plan, to realize your full potential as a person, and to learn positive interaction and life skills that will help you succeed in the future.
- Students must earn *at least* a CORE Indianola High School diploma requiring 36 credits. The core diploma requirements are 8 credits of English, 6 credits of math, 6 credits of science, 6 credits of social studies, 1 technology credit, 1 credit of vocational or fine arts and 3 physical education credits. The balance due for credits is elective coursework. The CORE diploma requires 5 elective credits.

Language Arts

■Online English 9

Grade: 9
Prerequisite: Intro to Online Learning

Credit: 2
Semester: Year

Course Description

English 9 will reinforce fundamental reading, writing, speaking, and listening skills. A new emphasis will be placed on analytical thinking skills. Grammar, spelling, work on vocabulary skills and usage will be taught within the context of, and be applied to, the students' reading and writing. Students will study a wide range of literature including novels, short stories, epic poetry, drama and nonfiction. Independent reading projects will be assigned to supplement whole class assignments.

Additional Considerations

- Possesses attributes for success (self-directed, able to complete homework independently)

■Online English 10

Grade: 10
Prerequisite: English 9, Intro to Online Learning

Credit: 2
Semester: Year

Course Description

English 10 emphasizes reading, writing, speaking, and listening. Higher level thinking skills are emphasized: evaluating, interpreting and appreciating literature. It includes the study of drama, poetry, short story, the novel and non-fiction.

Additional Considerations

- Must have passed English 9
- Possesses attributes for success (self-directed, able to complete homework independently)

■Online English 11/12

Grade: 11-12
Prerequisite: Eng 9, Eng 10, Intro to Online Learning

Credit: 2
Semester: Year

Course Description

This course will be a comprehensive English course that addresses all facets of the English Common Core Curriculum: writing, reading, speaking, and listening. However, this course is not a college preparatory course but rather a course that will focus on building life and job literacy skills in particular. It is specifically designed for students who have struggled in English courses and are not ready for American Literature. If students make sufficient progress by the end of their junior year, they may move on to the college preparatory American Literature course as seniors. If they are not ready, they can remain in the class for another year to continue building and improving their literacy skills. This course will allow students to demonstrate what they know, have choice and individuality in their learning, and have some control over their education.

■Online Film Appreciation

Grade: 11-12
Prerequisite: Eng 9, Eng 10, Intro to Online Learning

Credit: 1
Semester:.....First or Second

Course Description

This completely self-paced junior/senior English course will enhance students' critical reading skills with an emphasis on the medium of film. Like literature, film uses a variety of tools to create an expression of an author's theme. In this course, students will watch films in several genres to study how film expresses and contributes to culture and society. Students will be required to write pieces of various lengths throughout the semester to demonstrate learning.

Additional Considerations

- Must have passed English 9 and English 10
- Possesses attributes for success (see above)

■Online Writing

Grade: 11-12
Prerequisite: Eng 9, Eng 10, Intro to Online Learning

Credit: 1
Semester:.....First or Second

Course Description

Self-Paced Writing is a class for juniors and seniors who want to improve their writing skills for personal, academic, and career success. Students will apply writing skills and strategies to effectively communicate for a variety of purposes with various audiences. Students will also engage in the information literacy process: accessing, evaluating, and communicating information and ideas.

Additional Considerations

- Must have passed English 9 and 10
- Possesses attributes for success (see above)
- Desires to develop writing skills beyond the 5-paragraph essay

Social Studies

■Online United State History

Grade: 11
Prerequisite: Intro to Online Learning

Credit: 2
Semester:.....Year

Course Description

United States History covers the Reconstruction period to present day. Significant people, events, and concepts will be discussed and analyzed. The development of the United States as a world power, and its current role and responsibility will be covered. Past foreign policy decisions will be discussed and related to present governmental policies. A central theme throughout the course will be cause and effect.

■Online World History

Grade:9-10
Prerequisite: Intro to Online Learning

Credit: 1
Semester:.....First or Second

Course Description

This world history course will begin with the Scientific Revolution (c. 1600) and the Age of Enlightenment and continue through the eras of revolution, empire-building, and industry. Throughout the course, we will study the development of human interactions, connectedness, and national identities that form the foundation of our modern world by setting the stage for the 20th century and beyond

■Online Sociology

Grade: 11-12
Prerequisite: Intro to Online Learning

Credit: 1
Semester:.....First or Second

Course Description

Sociology the science of society, social institutions and social relationships specifically: the systematic study of the development, structure, interaction and collective behavior of organized groups of human beings. Sociology is a challenging course that will introduce students to the major theories, concepts and individuals from sociology. This course will develop the knowledge and skills necessary to analyze, evaluate, and apply sociological concepts to historical and current issues. Upon completion of this course students will be able to (1) Recognize the interaction and influence between individuals and various groups, (2) Examine the factors that led to continuity and change in human and group behavior, and (3) Apply appropriate research procedures and the skills of a sociologists to help understand and address real world challenges.

■Online Economics

Grade: 12
Prerequisite: Intro to Online Learning

Credit: 1
Semester:.....First or Second

Course Description

This course explores the fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants. More specifically, it examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security.

■Online United States Government

Grade: 12
Prerequisite: Intro to Online Learning

Credit: 1
Semester:.....First or Second

Course Description

US Government is a required course that is taken during senior year. The purpose of the course is to give the student a basic understanding of the makeup, structure and functions of the U.S. system of government. Special emphasis is given to the student's rights and responsibilities as a citizen.

Mathematics

■Online Algebra I

Grade:9-10
Prerequisite: Intro to Online Learning

Credit: 1
Semester:.....Year

Course Description

Algebra I is a full-year course in algebra with emphasis on development of abstract mathematical thought and the application of algebraic concepts. Topics include variables, functions, graphs, linear and quadratic equations, inequalities, systems of equations, and polynomials.

■Online Geometry

Grade:10-12
Prerequisite: Algebra I, Intro to Online Learning..

Credit: 2
Semester:.....Year

Course Description

Geometry is a full-year course in applied geometry, with integration of additional topics in algebra. Topics include geometric figures, graphing, proportion, angles, triangles, circles, polygons, polyhedrons, similarity and congruence, area, surface area, and volume.

■Online Consumer Math

Grade:9-10
Prerequisite: Intro to Online Learning

Credit: 1
Semester:.....First or Second

Course Description

This completely self-paced course is focused on everyday applications of basic math skills as they are applied to real life topics. Students will learn how to use basic math skills for situations such as math in the kitchen, math in games, measurement, volume and counting money.

■Online Foundations of Math

Grade:9-10
Prerequisite: Intro to Online Learning

Credit: 1
Semester:.....First or Second

Course Description

This completely self-paced course is focused on introducing and reviewing skills that are essential to success in a high school level algebra course. Students will work through four different units: computation, algebraic concepts, The Cartesian Coordinate Plane and inequalities.

Science

■Online Science 9

Grade:9
Prerequisite: Intro to Online Learning

Credit: 2
Semester:.....Year

Course Description

This course will be a required course for all freshmen students. The course is designed for students to gain fundamental skills and knowledge in many areas of science including scientific measurement, inquiry, chemistry, physics, earth science and environmental science. Students will observe the physical world around them including concepts such as atomic structure, chemical bonding, chemical reactions, the formation and structure of the universe, motion, force, simple machines, the laws of physics and energy concepts.

■Online Biology

Grade: 10
Prerequisite: Science 9, Intro to Online Learning

Credit: 2
Semester:.....Year

Course Description

Biology is a laboratory science course that covers the study of living things and fulfills the required life science graduation credit. Biology focuses on the study of life by examining five fundamental concepts of ecology, biochemistry, the cell, genetics and change in organisms through time. The scientific process and laboratory skills are emphasized along with biology's connections to other scientific disciplines. Students learn scientific writing skills and also examine current biological issues. The foundation of the class is based on the Next Generation Science Standards.

■Online Earth Science

Grade: 11-12
Prerequisite: Intro to Online Learning

Credit: 1
Semester:.....First or Second

Course Description

Self-Paced Earth Science will address performance expectations of the NGSS Earth and Space Science Standards. Topics will include properties of water, natural resources, plate tectonics, and human impacts on the natural world.

■Online Physical Science

Grade: 11-12
Prerequisite: Intro to Online Learning

Credit: 1
Semester: First or Second

Course Description

This course is designed for those students taking their third year of science and not planning on taking both Chemistry and Physics. This course will teach students about the physical world around them and give them the tools to understand it. This course will have an emphasis on the subjects of Chemistry and Physics and Earth Science topics. Topics and concepts covered include: the nature of science, matter, the periodic table, chemical bonding and reactions, solutions, motion, forces, work, power, machines, temperature, energy, heat, waves, light, sound, electricity, circuits, and magnetism.

Computer and Business Education

■Introduction to Online Learning

Grade: 9-12
Prerequisite: None

Credit: 1
Semester: First or Second

Course Description

This course is designed to provide students with a clear understanding of the various types of online learning, the tools and skills needed to be successful as an online environment, and various strategies and processes that will allow students to meet the challenges of learning in a digital environment. **Successful completion of this class is required of any student wishing to take a self-paced or facilitated online course at Indianola High School.**

■Online Personal Finance

Grade: 10-12
Prerequisite: Intro to Online Learning

Credit: 1
Semester: First or Second

Course Description

This class will cover the basic foundations of personal finance: savings, understanding investments, college planning, credit and debt, budgeting, bargain shopping, insurance/risk management, real estate and mortgages. Students will learn skills necessary to guide them in managing their money.

Family & Consumer Science

■Online Child Care

Grade: 10-12
Prerequisite: Intro to Online Learning

Credit: 1
Semester: First or Second

Course Description

This course introduces the study of the child and child development as a basis for childcare and parenting. Parenting topics will include preparing to be a parent, effective disciplinary practices, and appropriate guidance techniques when working with children. A study of pregnancy, birth, and the growth and development of infants will be included. Lab experiences will introduce and develop observation skills.

Health and Physical Education

■Online Fitness for Life 1

Grade:9-12
Prerequisite: Intro to Online Learning

Credit: 1
Semester:.....First or Second

Course Description

This class will provide you an opportunity to learn about the important components to taking care of your body. Online content will cover nutrition, exercise, drugs and alcohol, and stress. All of these topics can have a big impact on your overall wellbeing. **This course requires a semester-long weekly 60-minute fitness lab of supervised activity in the school in addition to completion of the online content.**

■Online Fitness for Life 2

Grade:9-12
Prerequisite: Intro to Online Learning

Credit: 1
Semester:.....First or Second

Course Description

This class will provide you an opportunity to learn about the important components to taking care of your body. Online content will cover nutrition, exercise, drugs and alcohol, and stress. All of these topics can have a big impact on your overall wellbeing. **This course requires a semester-long weekly 60-minute fitness lab of supervised activity in the school in addition to completion of the online content.**

■Online Fitness for Life 3

Grade:9-12
Prerequisite: Intro to Online Learning

Credit: 1
Semester:.....First or Second

Course Description

This class will provide you an opportunity to learn about the important components to taking care of your body. Online content will cover nutrition, exercise, drugs and alcohol, and stress. All of these topics can have a big impact on your overall wellbeing. **This course requires a semester-long weekly 60-minute fitness lab of supervised activity in the school in addition to completion of the online content.**

Electives

■Online 20 Time Project-Based Learning

Grade:9-12
Prerequisite: Intro to Online Learning

Credit: 1
Semester:.....First or Second

Course Description

Google is famous for their 20-Time projects. Google gives its employees 20% of their work week to engage in a project of intense personal interest. The only catch is that they have to present their project to the company at specified points in the year. Students in this class will select a topic of study, choose a mentor, and submit a project proposal. **This course will last for 9 weeks** and will require weekly updates to show growth as the student prepares a final project and presentation. **This course is offered as an elective credit regardless of topic of study.**

■Online Financial Literacy

Grade:9-12

Credit: 1

Prerequisite: Intro to Online Learning

Semester:.....First or Second

Course Description

This completely self-paced course is focused on providing students with the basic foundation of personal finance that is needed in everyday life. Topics include savings, understanding investments, credit and debt, budgeting, insurance/risk management, fraud protection, and employment taxes.

■Online ELECTIVE – to be determined

Grade:9-12

Credit: 1

Prerequisite: Intro to Online Learning

Semester:.....First or Second

Course Description

■Online Media Literacy

Grade:9-12

Credit: 1

Prerequisite: Intro to Online Learning

Semester:.....First or Second

Course Description

Media Literacy is designed to help you better navigate the adult world by becoming news-literate in our information age. Don't know if you can believe everything you see, read, and hear? Good, because you shouldn't. This course will give you the tools to make informed decisions and sift through the complexities of digital information.

■Online ELECTIVE – to be determined

Grade:9-12

Credit: 1

Prerequisite: Intro to Online Learning

Semester:.....First or Second

Course Description

■Online Service Learning

Grade:11-12

Credit: 1

Prerequisite: Intro to Online Learning

Semester:.....First or Second

Course Description

The Service Learning curriculum allows students to identify and practice skills for success. Students build employability skills and use them to secure and maintain gainful employment. Units of study will include job preparation skills, time management, communication skills, citizenship, and an individual project.