Indianola High School

1304 East First Ave., Indianola, IA 50125 (515) 961-9510
www.indianola.k12.ia.us/high

Dear Parents and Students:

This is the time when you select courses for the 2020-2021 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 students with a well-rounded educational background in a variety of subject areas. There is enough flexibility through elective courses to allow students 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.

Students who plan to go through the NCAA Clearinghouse need to be aware of the eligibility requirements. It is important to register for the courses the NCAA approves. Each course description indicates approval or non-approval as given by the NCAA.

We hope that you enjoy your high school career!

Indianola High School Staff and Administration

Code No. 102E1

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).

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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 2 or 4 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 604.7

Mandatory Dates

Students must be enrolled by May 8, 2020 for Semester 1 for 2020-2021

Students must be enrolled by November 7, 2020 for Semester 2 for 2020-2021

Requirements for High School Graduation

(One semester equals one credit, unless noted.)

Language Arts..... 8 credits
2 - 9th Grade Level Class
2 - 10th Grade Level Class
1 - Literature Elective
3 - Language Arts Elective

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
2 - 10th Grade
2 - Elective

Science .....**6 credits**
2 – 9th Grade Science
2 – Biological
2 – Elective

Technology……...1 credit – Business Technology Basics, Business Technology, Microsoft Office Applications, Project Lead the Way courses, Fundamentals of Drafting, Graphic Design, Studio I or Video Productions

Fine Arts or Vocational.....**1 Elective Credit**

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

Electives……...16 credits

Total Credits for Graduation 48 Credits

All correspondence courses must be approved in advance. A maximum of four credits will be accepted toward graduation, unless permission is granted by the high school principal.

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 five point scale: Language & Composition, Literature & Composition, United States History, European History, World History, United States Government and Psychology, Calculus 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 MAT#211, Advanced Placement Calculus BC/DMACC MAT217, AP Biology BIO112. *PLTW Principles of Engineering/DMACC EGT410. 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.**

Proud Traditions ... Unlimited Possibilities
Indianola Community Schools

BLENDED LEARNING PROGRAM
INDIANOLA HIGH SCHOOL

Indianola Community School District has invested resources and training for teachers to offer blended learning courses to students in order to better prepare them for life beyond high school. Blended learning allows teachers to strategically determine the best use of both physical and online class time with students. In a blended classroom, teachers intentionally utilize online learning in order to carve out space and time for small group learning, one-on-one help, or other activities they might otherwise not have time for. For instance, students might watch a video lecture as homework so that physical class time can be spent on collaborative learning or applying learning to higher-order tasks. Students in blended learning still have a traditional class period, classroom, teacher, and classmates, but the teacher is blending online components into the traditional setting and structure. Students will still meet deadlines and complete quality work. Students are expected to develop self-regulation and independent learning skills.

Courses with a Blended Option for the 2020-2021 school year include:

- Early Modern World History – blended option available
- World History: 20th Century to Present – blended option available
- Algebra II – blended option available
- English 10 – blended option available
- Science 9 – blended option available
- Life Skills – all courses are blended
- French – all courses are blended

Proud Traditions ... Unlimited Possibilities
Indianola Community Schools

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 2020-2021 school year include:

- Sociology – flex model blended option available
- Physics – flex model blended option available
- AP Literature & Composition – flex model blended option available
- Statistics (fall only) – flex model blended option available
- College Algebra (spring only) – flex model blended option available

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.

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

- 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 Assessments tests.

CRITERIA ENSURING ACADEMIC PROFICIENCY AS REQUIRED BY (SYP):

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

9th Grade	10th Grade	11th Grade
Math – 249	Math – 257	Math – 263
Science – 250	Science – 258	Science – 265
Reading – 249	Reading – 257	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:		HOW TO COMPUTE:	EXAMPLE:	
(2 X ACT composite score)	-	ACT composite score has a top value of 36. (SAT score will be converted to ACT composite equivalents)	an example student earned an ACT score of 24, (24 X 2)	48
+				+
(1 X high school rank)	-	High school rank is expressed as a percentile, with 99 (the 99th percentile) as the top value.	was ranked in the 50th percentile, (50)	50
				+
(20 X high school GPA)	-	High school GPA is expressed on a 4-point scale.	earned a 3.5 grade-point average, (20 X 3.5)	70
				+
(5 X number of core-subject-area courses completed in high school)	-	Number of core courses is expressed in terms of years or fractions of years of study.	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

Eligibility Center

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.

Eligibility Center

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.O 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
Oral Communication	1190	1195	Sem	9-10-11-12
Introduction to Theatre	1210		Sem	9-10-11-12
Acting*		1225	Sem	9-10-11-12
English 10*	1020	1025	Year	10
Advanced English 10*	1030	1035	Year	10
Publications	1140	1145	Sem	10-11-12
Yearbook I	1160	1165	Year	10-11-12
Video Production	1230	1235	Sem	10-11-12
Studio I Staff*	1240	1245	Sem	10-11-12
English 11/12 Part I *	1050	1055	Year	11-12
English 11/12 Part II*	1090	1095	Year	11-12
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
News Staff*	1150	1155	Sem	11-12
Yearbook II*	1250	1255	Year	11-12
Advanced Placement Literature & Composition/DMACC *~	1130	1135	Year	12
Yearbook III*	1260	1265	Year	12
English 9 Transition (placement only)	1001	1006	Year	9
English 10 Transition (placement only)	1002	1007	Year	10
Adv Linguistics I (placement only)	1270	1275	Year	9-10-11-12
Adv Linguistics II (placement only)	1280	1285	Year	9-10-11-12
ESOL English Pt I (placement only)	1380	1385	Year	9
ESOL English Pt II (placement only)	1390	1395	Year	10
ESOL English Pt III (placement only)	1400	1405	Year	11
ESOL English Pt IV (placement only)	1410	1415	Year	12

***Prerequisite for course**
~DMACC Credit Class

■English 9: 1000 / 1005

Grade:.....9
Prerequisite: ..... None
NCAA Clearinghouse:..... Approved
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: 1010 / 1015

Grade:.....9
Prerequisite: ..... None
NCAA Clearinghouse:..... Approved
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).**

■Oral Communication: 1190 or 1195

Grade:.....9-12
Prerequisite: ..... None
NCAA Clearinghouse:..... Approved
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: inter-personal communication, job interviews, public speeches, and public forum debate. Students will present informative and persuasive speeches to the class. This course is offered as an English elective.

■Introduction to Theatre: 1210

Grade:.....9-12
Prerequisite: ..... None
NCAA Clearinghouse:.....Not Approved
Credit: 1
Semester:..... First

Course Description
Introduction to Theatre is a basic survey course of theatrical knowledge and skills; this will include theatre history, set construction, make-up, lighting, and acting. This course is offered as an English elective.

■Acting: 1225

Grade: 9-12
Prerequisite: ..... Introduction to Theatre
NCAA Clearinghouse: ..... Not Approved
Credit: 1
Semester: ..... Second

Course Description
Acting will train the student in vocal and physical techniques for the actor, as well as, Stanislavsky based "method acting" techniques. This course is offered as an English elective.

■English 10: 1020 / 1025 **(Blended Option available)**

Grade: 10
Prerequisite: ..... English 9
NCAA Clearinghouse: ..... Approved
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: 1030 / 1035

Grade: 10
Prerequisite: ……Advanced English 9
NCAA Clearinghouse: ..... Approved
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).**

■Publications: 1140 or 1145

Grade: 10-12
Prerequisite: ..... None
NCAA Clearinghouse: ..... Approved for one semester
Credit: 1
Semester: ..... First or Second

Course Description
This class focuses on gathering the news, writing news leads, putting stories together, writing in Associated Press style, interpreting news, writing features, writing the basic types of editorials, reviews, presenting sports, reading copy for accuracy, headlining stories and using the computer to generate newspaper layout. This course is offered as an English elective. Additional Considerations: independent, self-directed, able to meet deadlines.

■Yearbook I: 1160 / 1165

Grade:.....10-12
Prerequisite: ..... Application
NCAA Clearinghouse:.....Not Approved
Credit: 2
Semester:.....Year

Course Description
Yearbook I class is designed to introduce the student to the production of the yearbook. Students will learn book and advertising sales, marketing, coverage, reporting, photography, basic layout and graphic design and basic newswriting. Students will work together as a team to produce the annual yearbook. Enrollment is limited. Students taking this course will earn two English elective credits.

■Video Production: 1230 or 1235

Grade:.....10-12
Prerequisite: ..... None
NCAA Clearinghouse:.....Not Approved
Credit: 1
Semester:.....First or Second

Course Description
The student will learn basic filming and editing techniques. This will include the use of digital video cameras, lighting equipment, and digital editing. The student will use these techniques to produce short films, school announcements, and activities promotional segments. The student will also learn basic writing and performance techniques for news-type video segments. This course is offered as an English elective. Course may be used to fulfill technology credit.

■Studio I Staff: 1240 or 1245

Grade:.....10-12
Prerequisite: ..... Video Production
NCAA Clearinghouse:.....Not Approved
Credit: 1
Semester:.....First or Second **(may be taken for no more than 3 semesters**)

Course Description
The student will film and produce programs for the Indianola Community School District YouTube channel and NFHS network.com. This course is offered as an English elective. This course may be taken twice. Course may be used to fulfill technology credit.

■English 11/12 Part I: 1050 / 1055

Grade:.....11-12
Prerequisite: ..... English 9 and English 10
NCAA Clearinghouse:.....Not Approved
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: 1090 / 1095

Grade: 11-12
Prerequisite: ..... English 9 and English 10
NCAA Clearinghouse: ..... Not Approved
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.

■American Literature: 1060 / 1065

Grade: 11-12
Prerequisite: ..... English 10
NCAA Clearinghouse: ..... Approved
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: 1070 or 1075

Grade: 11-12
Prerequisite: ..... English 9 and English 10
NCAA Clearinghouse: ..... Approved
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 from around the world. Students will develop their analytical skills by using a thematic approach to critically evaluate information based on relevancy, objectivity and reliability. This course is offered to students who have successfully completed English 9 and English 10. Additional Considerations: minimum competency on standardized reading testes (above 41st percentile), should have average to good comprehension skills, should have basic writing skills (how to write a 5-paragraph essay).

■Composition: 1080 or 1085

Grade:.....11-12
Prerequisite: ..... English 9 and English 10
NCAA Clearinghouse:..... Approved
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: 1110 or 1115

Grade:.....11-12
Prerequisite: ..... Comp or AP Lang
NCAA Clearinghouse:..... Approved
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 Language and Composition/DMACC: 1120 / 1125

Grade: 11-12
Prerequisite: ..... English 9 and English 10
NCAA Clearinghouse: ..... Approved
Credit: 2
Semester: ..... Year
Weighted Grade: ..... see page 9

Course Description
This course is designed for advanced juniors and college bound seniors. The equivalent of two full semesters of college courses will be covered. The curriculum will include both critical reading of challenging texts and writing well-argued, well-developed essays. The focus for both the reading and writing will be on argumentation: the ways writers use the elements of language to achieve their purposes. This class will read challenging nonfiction and fiction, and the essays will not be literature based. This class would take the place of college rhetoric and is recommended for students who want to improve their critical reading and writing skills regardless of their potential college majors. **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.**

Additional Considerations (this class will benefit most students going on to a 4-year college)

- Should have excelled in previous English classes. Advanced coursework is not required but highly recommended.
- Students must complete a rigorous homework load for both reading and writing, including a summer assignment.
- Students must possess strong comprehension skills (but don't have to already "get" great lit).
- Students must possess strong writing skills.

Upon completing the course, the student will have the option of paying to take the AP Exam in Language and Composition. If the 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.

***DMACC Composition I – ENG #105**	**3 Credits**
***DMACC Composition II – ENG #106**	**3 Credits**

■News Staff: 1150 or 1155

Grade: 11-12
Prerequisite: ..... Publications
NCAA Clearinghouse: ..... Not Approved
Credit: 1
Semester: ..... First and/or Second

Course Description
News Staff is designed for students who have learned the basic skills for publishing the school newspaper. The focus is on the publication of "The Indian" and covering school news. Students must work together as a team. Enrollment is limited to 15. Additional Considerations: must pass publications, independent and self-directed, must be able to meet deadlines. This course is offered as an English elective.

■ Yearbook II: 1250 / 1255

Grade: 11-12
Prerequisite: ..... Yearbook I
NCAA Clearinghouse: ..... Not Approved
Credit: 2
Semester: ..... Year

Course Description
Yearbook II is a course for students who have taken a year of Yearbook. Students in Yearbook II 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 taking this course will earn two general elective credits.

■Advanced Placement Literature and Composition/DMACC: 1130 / 1135

(Flex Model Blended Option available)

Grade: 12
Prerequisite: ..... English 9, English 10, AP Lang
NCAA Clearinghouse: ..... Approved
Credit: 2
Semester: ..... Year
Weighted Grade: ..... see page 9

Course Description

AP Literature and Composition is designed for advanced college-bound seniors. The equivalent of a full-year college course will be covered. The curriculum emphasizes challenging literature from antiquity through the modern era, literary theory, and literature analysis. Students will interpret literature based on a variety of literary theories and from differing historical perspectives. **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.**

Additional Considerations (this class will benefit most students going on to a 4-year college)

- Minimum competency on standardized reading tests (above 70th percentile)
- Must have successfully completed AP Language and Composition
- Must complete a rigorous homework load for both reading and writing, including a summer assignment.

Upon completing the course, the student will have the option of paying to take the AP Exam in Literature and Composition. 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.

***DMACC Intro to Literature – LIT #101**	**3 Credits**
***DMACC Contemporary Literature – LIT #185**	**3 Credits**

■ Yearbook III: 1260 / 1265

Grade: 12
Prerequisite: ..... Yearbook I and Yearbook II
NCAA Clearinghouse: ..... Not Approved
Credit: 2
Semester: ..... Year

Course Description

Yearbook III is a course for students who have taken Yearbook I and Yearbook II. Students in Yearbook III will continue to conduct book and advertising sales and market the annual. Additionally, students will serve as editor or assistant editor. In this role, students will mentor and collaborate with first-year students to learn basic reporting, photography, layout, graphic design and newswriting. These students will also edit copy and spreads and ensure the staff is meeting deadlines. Students taking this course will earn two general elective credits.

■English 9 Transition: 1001 / 1006 (placement only)

Grade: 9
Prerequisite: ..... None
NCAA Clearinghouse: ..... Not Approved
Credit: 2
Semester: ..... Year

Course Description

English 9 Transition is considered a regular English credit and students do have the expectation to meet 9th grade English Language Standards. English 9 Transition is unique because of the level of explicit instruction and multiple opportunities for practice to master essential skills.

■English 10 Transition: 1002 / 1007 (placement only)

Grade: 10
Prerequisite: ..... None
NCAA Clearinghouse: ..... Not Approved
Credit: 2
Semester: ..... Year

Course Description
English 10 Transition is considered a regular English credit and students do have the expectation to meet 10th grade English Language Standards. English 10 Transition is unique because of the level of explicit instruction and multiple opportunities for practice to master essential skills.

■Adv Linguistics I: 1270 / 1275 (placement only)

Grade: 9-12
Prerequisite: ..... None
NCAA Clearinghouse: ..... Not Approved
Credit: 2
Semester: ..... Year

Course Description
This course will be an intervention class designed to study all parts of the English language. Students will spend time looking at phonics and how it applies to the English language. Students will be screened to determine if this class is an appropriate fit for them. At the end of the course students will be able to recognize and use phonics to improve fluency and comprehension. Students will earn an elective credit.

■Adv Linguistics II: 1280 / 1285 (placement only)

Grade: 9-12
Prerequisite: ..... None
NCAA Clearinghouse: ..... Not Approved
Credit: 2
Semester: ..... Year

Course Description
This course will be an intervention class designed to study all parts of the English language. Students will spend time looking at the structure of words and building up their vocabulary. Students will be screened to determine if this class is an appropriate fit for them. At the end of the course students will be able to attach multisyllabic words in order to improve fluency and comprehension. Students will earn an elective credit.

■ESOL English Pt I: 1380 / 1385 (placement only)

Grade: 9
Prerequisite: ..... None
NCAA Clearinghouse: ..... Not Approved
Credit: 2
Semester: ..... Year

Course Description
This course is designed to provide freshmen English learners with a concurrent freshmen language arts course in order to build language development needed to be successful in both an academic setting and the community at large through traditional English 9 materials and projects, and a language workshop in order to further support their learning in core English courses as well as other freshmen courses. This course emphasizes reading, writing, speaking and listening as key components of the course. Higher level thinking skills are emphasized: evaluating, interpreting and appreciating literature. It includes the study of drama, short story, the novel and nonfiction.

■ESOL English Pt II: 1390 / 1395 (placement only)

Grade: 10
Prerequisite: ..... None
NCAA Clearinghouse: ..... Not Approved
Credit: 2
Semester: ..... Year

Course Description
This course is designed to immerse sophomore English learners in a language development workshop in order to further support their learning in core English courses as well as their other sophomore level courses. This course emphasizes reading, writing, speaking and listening as key components of the course. Higher level thinking skills are emphasized: evaluating, interpreting and appreciating literature. It includes the study of drama, short story, the novel and nonfiction.

■ESOL English Pt III: 1400 / 1405 (placement only)

Grade: 11
Prerequisite: ..... None
NCAA Clearinghouse: ..... Not Approved
Credit: 2
Semester: ..... Year

Course Description
This course is designed to immerse junior English learners in a language development workshop in order to further support their learning in core English courses as well as their other junior level courses. This course emphasizes reading, writing, speaking and listening as key components of the course. Higher level thinking skills are emphasized: evaluating, interpreting and appreciating literature. It includes the study of drama, short story, the novel and nonfiction.

■ESOL English Pt IV: 1410 / 1415 (placement only)

Grade: 12
Prerequisite: ..... None
NCAA Clearinghouse: ..... Not Approved
Credit: 2
Semester: ..... Year

Course Description
This course is designed to immerse senior English learners in a language development workshop in order to further support their learning in core English courses as well as their other senior level courses. This course emphasizes reading, writing, speaking and listening as key components of the course. Higher level thinking skills are emphasized: evaluating, interpreting and appreciating literature. It includes the study of drama, short story, the novel and nonfiction.

World Languages Course Numbers

Class	Semester 1	Semester 2	Year/ Semester	Available
French I	1500	1505	Year	9-10-11-12
French II*	1510	1515	Year	10-11-12
French III/DMACC*~	1520	1525	Year	11-12
French IV/DMACC*~	1530	1535	Year	12
German I	1600	1605	Year	9-10-11-12
German II*	1610	1615	Year	10-11-12
German III*	1620	1625	Year	11-12
German IV*	1630	1635	Year	12
Spanish I	1700	1705	Year	9-10-11-12
Spanish II*	1710	1715	Year	10-11-12
Spanish III*	1720	1725	Year	11-12
Spanish IV*	1740	1745	Year	12

***Prerequisite for course**
~DMACC Credit Class

■French I: 1500 / 1505 (Blended course)

Grade:.....9-12 **Credit:** 2
Prerequisite: ..... None **Semester:**.....Year
NCAA Clearinghouse:..... Approved

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: 1510 / 1515 (Blended course)

Grade:.....10-12 **Credit:** 2
Prerequisite: .....French I **Semester:**.....Year
NCAA Clearinghouse:..... Approved

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 FLF #152*: 1520 / 1525 (Blended course)

Grade:.....11-12 **Credit:** 2
Prerequisite: .....French II **Semester:**.....Year
NCAA Clearinghouse:..... Approved

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 FLF #152** **5 Credits**

■French IV/DMACC FLF #241 & FLF #242*: 1530 / 1535 (Blended course)

Grade: 12
Prerequisite: ..... French III
NCAA Clearinghouse: ..... Approved
Credit: 2
Semester: ..... Year

Course Description
In French IV, students will increase their proficiency ability to communicate in French. Students will build confidence in using French for self-expression. Expanded studies in grammar, culture, history, literature and art will enhance their skill levels and reinforce their preparation for life-long learning and 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 each semester of this course.

***DMACC Intermediate French I FLF #241**	**4 Credits**
***DMACC Intermediate French II FLF #242**	**4 Credits**

■German I: 1600 / 1605

Grade: 9-12
Prerequisite: ..... None
NCAA Clearinghouse: ..... Approved
Credit: 2
Semester: ..... Year

Course Description
In German I, students begin to develop skills in listening, speaking, reading, and writing in German. An emphasis is placed on the ability to recognize the distinctive cultural practices and products of German speaking countries. Students learn words and phrases in order to discuss topics such as hobbies, family, school, food, shopping, and one's life at home.

■German II: 1610 / 1615

Grade: 10-12
Prerequisite: ..... German I
NCAA Clearinghouse: ..... Approved
Credit: 2
Semester: ..... Year

Course Description
In German II, students build on German I acquisitions and usage to help them communicate more effectively. They begin a systematic study of German grammar with an emphasis on verbs. These activities expand their ability to produce the language. Students learn how to give directions, describe preferences, talk in the past tense, describe health, and learn more about foods.

■German III: 1620 / 1625

Grade: 11-12
Prerequisite: ..... German II
NCAA Clearinghouse: ..... Approved
Credit: 2
Semester: ..... Year

Course Description
In German III, students expand on their previous abilities by learning more native-like ways to express emotions and opinions. Students continue to add complexity to sentences to discuss a wide range of topics in a variety of tenses. Students explore culture in a more in depth way by reading short stories and poetry. A focus is placed on becoming a knowledgeable foreigner in German-speaking countries by taking a closer look at regional differences and making comparisons to one's own culture.

■German IV: 1630 / 1635

Grade: 12
Prerequisite: ..... German III
NCAA Clearinghouse: ..... Approved
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: 1700 / 1705

Grade: 9-12
Prerequisite: ..... None
NCAA Clearinghouse: ..... Approved
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: 1710 / 1715

Grade: 10-12
Prerequisite: ..... Spanish I
NCAA Clearinghouse: ..... Approved
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: 1720 / 1725

Grade:.....11-12
Prerequisite: .....Spanish II
NCAA Clearinghouse:..... Approved
Credit: 2
Semester:.....Year

Course Description
Spanish III is an intermediate course designed to build on skills learned in Spanish I and II. The primary goal of Spanish III is to emphasize, increase and refine students' writing and speaking skills. Continued development in the areas of listening, reading and culture are focused upon. In order to obtain these different skills: grammar, audio and video activities, and oral and written exercises are used. Other classroom activities include games, music, skits, videos and additional cultural materials that supplement the students' understanding of Spanish-speaking people and their cultures.

■Spanish IV: 1740 / 1745

Grade:.....12
Prerequisite: .....Spanish III
NCAA Clearinghouse:..... Approved
Credit: 2
Semester:.....Year

Course Description
Spanish IV is an advanced course that centers on Hispanic culture by looking into the history and literature of Spanish-speaking countries. These activities and others are designed to increase the students' proficiency in the Spanish language. The class is conducted primarily in Spanish to improve the students' ability to converse in the Spanish language and prepare them for life-long learning.

Social Studies Course Numbers

Class	Semester 1	Semester 2	Year/ Semester	Available
Early Modern World History	2170	2175	Sem	9-10
World History: 20th Century to Present	2180	2185	Sem	9-10
AP World History: Modern	2030	2035	Year	10-11-12
AP European History	2050	2055	Year	10-11-12
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
AP Psychology	2160	2165	Year	11-12
United States Government	2100	2105	Sem	12
AP United States Government		2115	Sem	12
Economics & Financial Literacy	2200	2205	Sem	12

***Prerequisite for course**

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 tackle 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. Both AP World History: Modern and AP European History count for the world history requirement, and students who choose to take AP World History: Modern or AP European History must be at least sophomores.

Those not ready for the advanced track as underclassmen may choose to take AP World History: Modern, AP European History, as well as other AP courses as upper-level electives per their course descriptions.

Junior year, students have a choice of taking US History or AP United States History. Students may also choose to tackle their required behavioral science credit at this time by choosing from Psychology, Sociology, and AP Psychology. (This behavioral science credit may be completed either in 11th or 12th grade).

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 in summer school or take the equivalent online self-paced course.

■Early Modern World History: 2170 or 2175 **(Blended Option available)**

Grade:.....9-10
Prerequisite: ..... None
NCAA Clearinghouse:..... Approved
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.

■World History: 20th Century to Present: 2180 or 2185 **(Blended Option available)**

Grade:.....9-10
Prerequisite: ..... None
NCAA Clearinghouse:..... Approved
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.

■Advanced Placement World History: Modern: 2030 / 2035

Grade:.....10-12
Prerequisite: ..... None
NCAA Clearinghouse:..... Approved
Credit: 2
Semester:.....Year
Weighted Grade: ..... see page 9

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.

■Advanced Placement European History: 2050 / 2055

Grade: 10-12
Prerequisite: ..... None
NCAA Clearinghouse: ..... Approved
Credit: 2
Semester: ..... Year
Weighted Grade: ..... see page 9

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.

■United State History: 2190 / 2195

Grade: 11
Prerequisite: ..... None
NCAA Clearinghouse: ..... Approved
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: 2010 / 2015

Grade: 10-11-12
Prerequisite: ..... None
NCAA Clearinghouse: ..... Approved
Credit: 2
Semester: ..... Year
Weighted Grade: ..... see page 9

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: 2130 or 2135 **(Flex Model Blended Option available)**

Grade:.....11-12
Prerequisite: ..... None
NCAA Clearinghouse:..... Approved
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: 2210 or 2215

Grade:.....11-12
Prerequisite: ..... None
NCAA Clearinghouse:..... Approved
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: 2160 / 2165

Grade:.....11-12
Prerequisite: ..... None
NCAA Clearinghouse:..... Approved
Credit: 2
Semester:.....Year
Weighted Grade ..... see page 9

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: 2100 or 2105

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: 2115

Grade: 12
Prerequisite: ..... None
NCAA Clearinghouse: ..... Approved
Credit: 1
Semester: ..... Second
Weighted Grade: ..... see page 9

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: 2200 or 2205

Grade: 12
Prerequisite: ..... None
NCAA Clearinghouse: ..... Approved
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.

Mathematics Course Numbers

Class	Semester 1	Semester 2	Year/ Semester	Available
Algebra I	3040	3045	Year	9-10-11-12
Advanced Algebra I	3200	3205	Year	9-10-11-12
Advanced Geometry*	3080	3085	Year	9-10-11-12
Advanced Algebra II*	3100	3105	Year	9-10-11-12
Trigonometry/Pre-Calculus*	3130	3135	Year	9-10-11-12
Geometry*	3070	3075	Year	10-11-12
Algebra II *	3090	3095	Year	10-11-12
College Algebra/DMACC*&~	3170	3175	Sem	10-11-12
Advanced Placement Calculus AB/DMACC *&~	3140	3145	Year	10-11-12
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	3210	3215	Year	11-12
Algebra II Part 2	3220	3225	Year	11-12
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	9-10-11-12
Pre-Algebra II (placement only)	3010	3015	Year	9-10-11-12

***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. Geometry and 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 C- or higher in the pre-requisite DMACC 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: 3040 / 3045

Grade:.....9-12
Prerequisite: ..... None
NCAA Clearinghouse:..... Approved
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: 3200 / 3205

Grade:.....9-12
Prerequisite: ..... None
NCAA Clearinghouse:..... Approved
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: 3080 / 3085

Grade:.....9-12
Prerequisite: .....Algebra I or Advanced Algebra I
NCAA Clearinghouse:..... Approved
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: 3100 / 3105

Grade:.....9-12
Prerequisite: .....Advanced Geometry
NCAA Clearinghouse:..... Approved
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: 3130 / 3135

Grade:.....9-12
Prerequisite: .... C- or better in Adv Alg II or College Alg
NCAA Clearinghouse:..... Approved
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: 3070 / 3075

Grade:.....10-12
Prerequisite: ..... Algebra I Essentials or Algebra I
NCAA Clearinghouse:..... Approved
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.

■Algebra II: 3090 / 3095 **(Blended Option available)**

Grade:.....10-12
Prerequisite: .....Geometry
NCAA Clearinghouse:..... Approved
Credit: 2
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 MAT #121*: 3170 or 3175
(Flex Model Blended Option available – Spring Only)

Grade:.....10-12
Prerequisite: ..... Algebra II or Adv Algebra II
NCAA Clearinghouse: ..... Approved
Credit: 1
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 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. This course may transfer as an elective credit.**

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

***DMACC MAT #121** **4 Credits**

■Advanced Placement Calculus AB/DMACC MAT #211*: 3140 / 3145

Grade: 10-12
Prerequisite: ..... C- or better in Trig/Pre-Calculus
NCAA Clearinghouse: ..... Approved
Credit: 2
Semester: ..... Year
Weighted Grade: ..... see page 9

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 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.**

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

***DMACC MAT #211** **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: 3050

Grade: 11-12
Prerequisite: ..... Geometry
NCAA Clearinghouse: ..... Not Approved
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: 3055

Grade: 11-12
Prerequisite: ..... Geometry
NCAA Clearinghouse: ..... Not Approved
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 MAT #772*: 3060

Grade:.....11-12
Prerequisite: .....Geometry
NCAA Clearinghouse:.....Not Approved
Credit: 1
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 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. 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 MAT #772** **3 Credits**

■Applied Mathematics II/DMACC MAT #773*: 3065

Grade:.....11-12
Prerequisite: ..... Applied Mathematics I
NCAA Clearinghouse:.....Not Approved
Credit: 1
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 MAT #773** **3 Credits**

■Algebra II Part I: 3210 / 3215

Grade: 11
Prerequisite: ..... Geometry
NCAA Clearinghouse: ..... Approved

Credit: 2
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: 3220 / 3225

Grade: 12
Prerequisite: ..... Algebra II Part 1
NCAA Clearinghouse: ..... Approved

Credit: 2
Semester: ..... Year

Course Description
Algebra II Part 2 is a full-year course equivalent to the second 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 polynomials, rational functions, exponents and logarithms, matrix operations, and graphing.

■Statistics/DMACC MAT #157*: 3120 or 3125
(Flex Model Blended Option available – Fall Only)

Grade: 11-12
Prerequisite: ..... Algebra II or Adv Algebra II
NCAA Clearinghouse: ..... Approved

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 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.**

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

***DMACC MAT #157** **4 Credits**

■Advanced Placement Calculus BC/DMACC MAT #217*: 3150 / 3155

Grade: 11-12
Prerequisite: ..... C- or better in Calculus AB
NCAA Clearinghouse: ..... Approved
Credit: 2
Semester: ..... Year
Weighted Grade: ..... see page 9

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 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.**

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

***DMACC MAT #217** **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
NCAA Clearinghouse: ..... Not Approved
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
NCAA Clearinghouse: ..... Not Approved
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	9-10-11-12
Biology*	4010	4015	Year	10
Advanced Biology*	4020	4025	Year	10
Physical Science*	4030	4035	Year	10-11-12
Comparative Anatomy*	4090	4095	Sem	10-11-12
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: 4000 / 4005 (Blended Option available)

Grade: 9
Prerequisite: ..... None
NCAA Clearinghouse: ..... Approved
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.

■Advanced Chemistry: 4051 / 4056

Grade: 9-12
Prerequisite: ..... Algebra I
NCAA Clearinghouse: ……Approved
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: 4010 / 4015

Grade: 10
Prerequisite: ..... Science 9
NCAA Clearinghouse: ..... Approved
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: 4020 / 4025

Grade: 10
Prerequisite: ..... proficient scores on placement testing
NCAA Clearinghouse: ..... Approved

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: 4030 / 4035

Grade: 11-12
Prerequisite: ..... Science 9
NCAA Clearinghouse: ..... Approved

Credit: 2
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: 4090 or 4095

Grade: 10-12
Prerequisite: .... Currently enrolled in Biology or Advanced Biology
NCAA Clearinghouse: ..... Approved

Credit: 1
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: 4050 / 4055

Grade: 11-12
Prerequisite: ..... student has completed Algebra I
NCAA Clearinghouse: ..... Approved

Credit: 2
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.

■Advanced Placement Biology/DMACC: 4021 / 4026

Grade:.....11-12
Credit: 2
Prerequisite: .....Advanced Biology, Chemistry, Advanced Chemistry
Semester:.....Year
NCAA Clearinghouse: ……Approved

Course Description
Advanced Placement Biology/DMACC is a yearlong course that is designed to be taken by students after the successful completion of both high school biology and chemistry. Advanced Placement Biology/DMACC includes those topics regularly covered in a college introductory biology course and differs significant from the high school biology course with respect to the kind of textbook used, the range and depth of topics covered, the kind of laboratory work performed by students, and the time and effort required of the students. The textbook used by Advanced Biology/DMACC is also used by college biology majors and the kinds of labs done by AP/DMACC student are equivalent to those done by college students. There will be a required summer assignment and extra time outside of scheduled class to meet the required contact hours. The extra contact time will allow proper time for college lab work. Advanced Placement Biology/DMACC is a course that aims to provide students with the conceptual frame work, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. **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 BIO 112 and BIO 113**

Upon completion of the course, the student will have the option of paying to take the AP Exam in Biology. 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 Chemistry: 4060 / 4065

Grade:.....11-12
Credit: 2
Prerequisite: .....Algebra II & Chemistry
Semester:.....Year
NCAA Clearinghouse: ……Approved
Weighted Grade: ..... see page 9

Course Description
This course is designed for students who have completed one year of chemistry and who are planning on majoring in a science or science-related field in college such as engineering, pre-vet, pre-med, pre-dental or pre-physical therapy. A sound understanding of general chemistry and strong math skills are needed for this class. The class focuses on a more in-depth study of general chemistry topics such as atomic structure, chemical bonding, states of matter, and stoichiometry. Additional topics of study include solutions, acids and bases, reaction rates, equilibrium, thermodynamics, and electrochemistry.

Upon completion of the course, the student will have the option of paying to take the AP Exam in Chemistry. 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.

■Physics: 4070 / 4075 (Flex Model Blended Option available)

Grade:.....11-12
Prerequisite: .....Algebra I, Algebra II, Geometry
NCAA Clearinghouse:..... Approved
Credit: 2
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: 4080 / 4085

Grade:.....11-12
Prerequisite: .....Chemistry
NCAA Clearinghouse:..... Approved
Credit: 2
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.

■Anatomy and Physiology/DMACC: 4081 / 4086

Grade:.....11-12 **Credit:** 2
Prerequisite: Biology/Advanced Biology, Chemistry/Advanced Chemistry (grade no lower than a C in each)..... ….. **Semester:**.....Year
NCAA Clearinghouse:..... Approved

Course Description
Anatomy and Physiology/DMACC is a two semester class that is equivalent to Biology 168 and Biology 173 at DMACC. Each semester covers a set number of topics. Students must successfully complete the first semester with a grade no lower than a C in order to take second semester.

Anatomy and Physiology I topics include the structure and function of the human body from the cellular level to organ systems. Top at the cellular level include the fundamental basics of chemistry, cell structure and cellular metabolism, genetics, and histology. The organ systems studied are the skin and integumentary system, the skeletal and muscular systems, the nervous system, and the senses. Lecture and lab must be taken concurrently.

Anatomy and Physiology II is a continuation of Anatomy & Physiology I. The following organ systems are covered: the endocrine system, blood and the cardiovascular system, the lymphatic system and immunity, the respiratory system, the urinary system, the digestive system including nutrition and the reproductive system. Other topics included in the course are the body's balance of water, electrolytes, and acids and bases and an introduction to human growth and development. Lecture and lab must be taken concurrently.

The courses include those topics regularly covered in a college human anatomy and physiology course and differs significantly from the high school human anatomy and physiology course with respect to the kind of textbook used, the range and depth of topics covered, the kind of laboratory work performed by students, and the time and effort required of the students. The textbook used by DMACC Anatomy and Physiology is also used by college biology majors and the kinds of labs done by DMACC Anatomy and Physiology students are equivalent to those done by college students. There will be a required summer assignment and extra time outside of scheduled class to meet the required contact hours. The extra contact time will allow proper time for college lab work. DMACC Anatomy and Physiology is a course that aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of the human body. **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 BIO 168 and BIO 173 8 credits (each course at DMACC is 4 hours)**

■Forensic Science: 4120 or 4125

Grade:.....11-12 **Credit:** 1
Prerequisite: ..... Biology & Chemistry **Semester:**.....First or Second
NCAA Clearinghouse:.....Not Approved

Course Description
Forensic science is the use and application of science, the scientific method, and scientific tools to aid the judicial and court systems. The class involves the history of forensics, blood typing, analyzing the crime scene and physical evidence, physical analysis of the physical evidence, and fingerprinting. The course uses lectures, demonstrations, and labs to convey these principles. The assessments include homework, quizzes, tests, and lab sheets.

Elective Course Numbers
Project Lead The Way

Intro to Engineering Design/ DMACC EGT #400 *&~	4110	4115	Year	9-10-11-12
Computer Science Essentials	4100	4105	Year	9-10-11-12
Principles of Engineering/ DMACC EGT #410 *****&~	4111	4116	Year	10-11-12
Computer Science Principles*	4114	4119	Year	10-11-12
Cybersecurity*	4104	4109	Year	11-12

***Prerequisite for course**
~DMACC Credit Class

■Introduction to Engineering Design (IED)/DMACC EGT #400: 4110 / 4115

Grade: 9-12
Prerequisite: ..... Algebra I
NCAA Clearinghouse: ..... Not Approved
Credit: 2
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. **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 EGT #400** **3 credits**

■Computer Science Essentials: 4100 / 4105

Grade: 9-12
Prerequisite: ..... None
NCAA Clearinghouse: ..... Not Approved
Credit: 2
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 (POE)/DMACC EGT #410: 4111 / 4116

Grade:.....10-12
Prerequisite: .....Algebra I with IED
NCAA Clearinghouse: ……..Not Approved
Credit: 2
Semester:.....Year
Weighted Grade: ..... see page 9

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. **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 EGT #410** **3 credits**

■Computer Science Principles: 4114 / 4119

Grade:.....10-12
Prerequisite: ..... Computer Science Essentials
NCAA Clearinghouse: …….. Not Approved
Credit: 2
Semester:.....Year
Weighted Grade: ..... see page 9

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.

■PLTW – Cybersecurity: 4104 / 4109

Grade:.....11-12
Prerequisite: ..... Computer Science Principles
NCAA Clearinghouse:.....Not Approved

Credit: 2
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 attached; 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
Choir 9 – Bass Choir	5000	5005	Sem/Year	9
Choir 9 – Treble Choir	5001	5006	Sem/Year	9
Choir 10 – Choraliers	5010	5015	Sem/Year	10
Concert Choir 11-12	5040	5045	Sem/Year	11-12
A Cappella Choir **	5060	5065	Year	10-11-12
Band 9-12	5170	5175	Year	9-10-11-12
Color Guard	5110		Sem	9-10-11-12
Orchestra	5130	5135	Year	9-10-11-12
Music Theory I/ DMACC MUS #106 *** & ~	5140		Sem	11-12
Music Theory II/ DMACC MUS #107 * & *** & ~		5155	Sem	11-12
Music History Appreciation/ DMACC MUS #100 **** & ~		5165	Sem	11-12

***Prerequisite for course**
~ DMACC Credit Class
*****Course will be offered 2020-2021 and 2022-2023**
******Course will be offered 2021-2022 and 2023-2024**

■Choir 9 – Bass Choir: 5000 and/or 5005

Grade: 9
Prerequisite: ..... None
NCAA Clearinghouse: ..... Not Approved
Credit: ..... 1 or 2
Semester: ..... First and/or Second

Course Description
Bass Choir is a non-auditioned group of male singers in the grade 9. Emphasis is placed on the development of proper singing technique during the male voice change. Students will be introduced to sight reading with solfege syllables and hand symbols.
Bass choir performs sacred and secular works from the Renaissance period through the present day. The choir performs at four Indianola High School concerts and at Iowa Music Large Group contest. Attendance at all performances are required and graded as part of the curriculum of this class.
Students may also wish to participate in other extra-curricular offerings within the vocal music department such as show choir, honor choirs, solo/ensemble state contest and other extra auditioned ensembles.

■Choir 9 – Treble Choir: 5001 and/or 5006

Grade: 9
Prerequisite: ..... None
NCAA Clearinghouse: ..... Not Approved
Credit: ..... 1 or 2
Semester: ..... First and/or Second

Course Description
Treble Choir is a non-auditioned group of female singers in the grade 9. Emphasis is placed on the development of proper singing technique for the female voice. Students will be introduced to sight reading with solfege, counting techniques and score analysis.
Students will perform sacred and secular works from the Renaissance period through the present day.
The choir performs at four Indianola High School concerts and at Iowa Music Large Group contest. Attendance at all performances are required and graded as part of the curriculum of this class.
Students may also wish to participate in other extra-curricular offerings within the vocal music department such as show choir, honor choirs, solo/ensemble state contest and other extra auditioned ensembles.

■Choir 10 - Choraliers: 5010 and/or 5015

Grade: 10
Prerequisite: ..... None
NCAA Clearinghouse: ..... Not Approved
Credit: ..... 1 or 2
Semester: ..... First and/or Second

Course Description
This ensemble choir meets daily. Students are required to attend weekly voice lessons or attend voice seminars. The required performances include four concerts, vocal festivals as scheduled, and state large group contests. Optional opportunities include participation in Side One or Flip Side show choirs, college festivals, state small group/solo contest, concert spotlights, the spring musical, and community performances.

■Concert Choir 11-12: 5040 and/or 5045

Grade: 11-12
Prerequisite: ..... None
NCAA Clearinghouse: ..... Not Approved
Credit: ..... 1 or 2
Semester: ..... First and/or Second

Course Description
This ensemble choir meets daily. Students are required to attend weekly voice lessons or attend voice seminars. The required performances include four concerts, vocal festivals as scheduled, and state large group contests. Optional opportunities include participation in Side One or Flip Side show choirs, college festivals, state small group/solo contest, concert spotlights, the spring musical, and community performances.

■A Cappella Choir: 5060 / 5065

Grade:.....10-12
Prerequisite: .....**Student Audition**
NCAA Clearinghouse:.....Not Approved
Credit: 2
Semester:.....Year

Course Description
This is an 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 attend weekly voice lessons or attend voice seminars. Private vocal lessons outside of the school are highly encouraged for members. The required performances will include four concerts, vocal festivals, state small and large group contest, and various community functions as scheduled. Optional opportunities will include Side One or Flip Side show choirs, competitions, All-State auditions, 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.

■Band 9-12: 5170 / 5175

Grade:.....9-12
Prerequisite:.. Participation in Band the prior year, or director
..... approval following private lesson instruction
NCAA Clearinghouse:.....Not Approved
First Quarter: Marching Band
Second Quarter: Symphonic Band/Wind Ensemble
Second Semester: Symphonic Band/Wind Ensemble
Credit: 2
Semester:.....Year

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 first take private lessons with a director and meet performance standards to be considered for a position. 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 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: 5110

Grade:.....9-12
Prerequisite: ..... Auditions
NCAA Clearinghouse:.....Not Approved
Credit: 1/2
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 May each year. Summer rehearsals and performances are required. The number of students selected for color guard is at the discretion of the directors. One half credit will be awarded for participation in color guard.

■Orchestra: 5130 / 5135

Grade:.....9-12
Prerequisite: ..... Middle School Orchestra or by audition
NCAA Clearinghouse:.....Not Approved
Credit: 2
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 Theory I/DMACC MUS #106*: 5140

Grade:.....11-12
Prerequisite: ..... None
NCAA Clearinghouse:.....Not Approved
Credit: 1
Semester:.....First in 2020-2021
.....and in 2022-2023

Course Description
This course will introduce and explore all aspects of music theory and aural training skills. Activities will include ear training, sight singing, basic keyboard identification, and written theory assignments. This course has the use of basic computer software available for the student to supplement their written and aural skills. The opportunity to study music theory is available to students who need it as a background for future careers in music, and also for those students who want to gain a better understanding of music for personal growth. **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 MUS #106** **4 credits**

■Music Theory II/DMACC MUS #107*: 5155

Grade:.....11-12
Prerequisite: ..... Music Theory I
NCAA Clearinghouse:.....Not Approved
Credit: 1
Semester:.....Second in 2020-2021
.....and in 2022-2023

Course Description
As a sequel to Materials of Music I, this course will examine music theory in greater complexity and will emphasize the harmonic and compositional aspects of music. Activities will include ear training, sight singing, keyboard training, and written theory assignments. **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 MUS #107** **4 credits**

■Music History Appreciation/DMACC MUS #100*: 5165

Grade:.....11-12
.....
NCAA Clearinghouse:.....Not Approved

Credit: 1
Semester:.....Second in 2021-2022
.....2023-2024

Course Description
This course will describe a broad overview of the 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 elements 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 MUS #100** **3 credits**

Fine Arts Course Numbers - Visual

Class	Semester 1	Semester 2	Year/ Semester	Available
Art I	5300	5305	Year	9-10-11-12
Ceramics	5350	5355	Sem	9-10-11-12
Sculpture	5370	5375	Sem	9-10-11-12
Drawing*&	5310		Sem	10-11-12
Painting*&		5335	Sem	10-11-12
Advanced Ceramics*	5360	5365	Sem	10-11-12
Advanced Sculpture*	5380	5385	Sem	10-11-12
Graphic Design	5390	5395	Sem	10-11-12
Advanced Drawing*&	5320		Sem	11-12
Advanced Painting*&		5345	Sem	11-12
Digital Imaging*&		5405	Sem	11-12
Photography	5410	5415	Sem	11-12

***Prerequisite for course**

■Art I: 5300 / 5305

Grade:.....9-12
Prerequisite: ..... None
NCAA Clearinghouse:.....Not Approved
Credit: 2
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. **Some fees may apply to this course.**

■Ceramics: 5350 or 5355

Grade:.....9-12
Prerequisite: ..... None
NCAA Clearinghouse:.....Not Approved
Credit: 1
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: 5370 or 5375

Grade:.....9-12
Prerequisite: ..... None
NCAA Clearinghouse:.....Not Approved
Credit: 1
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: 5310

Grade:.....10-12
Prerequisite: ..... Art I
NCAA Clearinghouse:.....Not Approved
Credit: 1
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. **Some fees may apply to this course.**

■Painting: 5335

Grade: 10-12
Prerequisite: ..... Art I
NCAA Clearinghouse: ..... Not Approved
Credit: 1
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. **Some fees may apply to this course.**

■Advanced Ceramics: 5360 or 5365

Grade: 10-12
Prerequisite: ..... Ceramics
NCAA Clearinghouse: ..... Not Approved
Credit: 1
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: 5380 or 5385

Grade: 10-12
Prerequisite: ..... Sculpture
NCAA Clearinghouse: ..... Not Approved
Credit: 1
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: 5390 or 5395

Grade: 10-12
Prerequisite: ..... None
NCAA Clearinghouse: ..... Not Approved
Credit: 1
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. **Some fees may apply to this course.**

■Advanced Drawing: 5320

Grade: 11-12
Prerequisite: ..... Drawing
NCAA Clearinghouse: ..... Not Approved
Credit: 1
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. **Some fees may apply to this course.**

■Advanced Painting: 5345

Grade: 11-12
Prerequisite: ..... Painting
NCAA Clearinghouse: ..... Not Approved
Credit: 1
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. **Some fees may apply to this course.**

■Digital Imaging: 5405

Grade: 11-12
Prerequisite: ..... Graphic Design
NCAA Clearinghouse: ..... Not Approved
Credit: 1
Semester: ..... Second

Course Description
Digital Imaging students will work with a variety of images created through digital devices such as digital cameras; scanners and other computer imported and exported images. Students will concentrate on digital photography from both a fine art and commercial approach, develop and use an image management system for filing and retrieving his/her creative work, use Adobe PhotoShop to both enhance and create digital alterations for graphics, advertisements and fine art work. **Some fees may apply to this course.**

■Photography: 5410 or 5415

Grade: 11-12
Prerequisite: ..... None
NCAA Clearinghouse: ..... Not Approved
Credit: 1
Semester: ..... First or Second

Course Description
Photography is an entry-level course designed to teach students photography as an art form. Students will study the photographic process, use cameras and film; composing and taking photos; elements of good photographic design; developing film, make proof sheets; make test strips and enlargements, dark room-produced special effects; complete assignments designed to teach how to use the camera and learn to see with their camera, mount and display their work.

Computer and Business Education Course Numbers

Class	Semester 1	Semester 2	Year/ Semester	Available
Business Technology Basics	6000	6005	Sem	9-10-11-12
Business Technology	6010	6015	Sem	9-10-11-12
PLTW –Computer Science Essentials	4100	4105	Year	9-10-11-12
Microsoft Office Applications/ DMACC BCA #212~*	6020	6025	Sem	10-11-12
Accounting I	6050		Sem	10-11-12
Accounting II/DMACC*		6055	Sem	10-11-12
Introduction to Marketing		6085	Sem	10-11-12
Personal Finance	6110	6115	Sem	10-11-12
Personal & Business Law		6095	Sem	11-12

***Prerequisite for course**
~DMACC Credit Class

■Business Technology Basics: 6000 or 6005

Grade: 9-12
Prerequisite: ..... None
NCAA Clearinghouse: ..... Not Approved
Credit: 1
Semester: ..... First or Second

Course Description
This course is designed to provide the students with basic experience in business-related technology applications. Students will gain skills in Word processing, spreadsheet, Google docs and presentation software. The skills learned will be applied to projects. Students will be taught skills and concepts to help them in their high school classes and their future workplace.

■Business Technology: 6010 or 6015

Grade: 9-12
Prerequisite: ..... None
NCAA Clearinghouse: ..... Not Approved
Credit: 1
Semester: ..... First or Second

Course Description
This course is designed to provide the students with experience in business-related technology applications. Students will gain skills in word processing, spreadsheet, and presentation software. The skills learned will be applied to a series of valuable, real-world projects. Students will be taught skills and concepts needed to thrive in high school classes and the business world. Students will take Microsoft Specialist Certification tests in Word, Excel, and PowerPoint.

■PLTW – Computer Science Essentials: 4100 / 4105

Grade: 9-12
Prerequisite: ..... None
NCAA Clearinghouse: ..... Not Approved
Credit: 2
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.

■Microsoft Office Applications/DMACC BCA #212*: 6020 or 6025

Grade: 10-12
Prerequisite: ..... Business Tech
NCAA Clearinghouse: ..... Not Approved
Credit: 1
Semester: ..... First or Second

This course will provide **advanced** hands-on computer activities in the Microsoft Office Suite in Word, Excel, Power Point and Access. It is required that you have taken Business Technology prior to this course. **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 to 10th, 11th, and 12th grade students upon successful completion of this course.

***DMACC BCA #212** **3 credits**

■Accounting I: 6050

Grade:.....10-12
Prerequisite: ..... None
NCAA Clearinghouse:.....Not Approved
Credit: 1
Semester:..... First

Course Description
The first semester of accounting covers the basic accounting principles needed to perform accounting activities for a service business operated as a sole proprietorship. Students learn to journalize daily transactions in a multiple column journal, post to a general ledger, and perform end-of-the fiscal period closing activities. Students will then begin the accounting process for a merchandising business operated as a corporation. Students will perform their accounting work on web-based software to simulate real-life accounting.

■Accounting II/DMACC: 6055

Grade:.....10-12
Prerequisite: .....Accounting I
NCAA Clearinghouse:.....Not Approved
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 ACC #111** **3 credits**

■Introduction to Marketing: 6085

Grade:.....10-12
Prerequisite: ..... None
NCAA Clearinghouse:.....Not Approved
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: 6110 or 6115

Grade:.....10-12
Prerequisite: ..... None
NCAA Clearinghouse:.....Not Approved
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: 6095

Grade:.....11-12
Prerequisite: ..... None
NCAA Clearinghouse:.....Not Approved
Credit: 1
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.

Family & Consumer Science Course Numbers

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

***Prerequisite for course**
~DMACC Credit Class

■Foods I: 7000 or 7005

Grade: 11-12
Prerequisite: ..... None
NCAA Clearinghouse: ..... Not Approved
Credit: 1
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: 7015

Grade: 12
Prerequisite: ..... Foods I
NCAA Clearinghouse: ..... Not Approved
Credit: 1
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, mise en place and plating techniques, and much more! Cooking labs are incorporated weekly allowing students to apply what they have learned.

■Child Care I: 7060

Grade: 10-12
Prerequisite: ..... None
NCAA Clearinghouse: ..... Not Approved
Credit: 1
Semester: ..... First

Course Description
This course focuses on the growth and development of children from conception to adulthood. 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 are then introduced to a variety of developmental theorists as they study the physical, intellectual, social, emotional, and moral growth and development of infants, toddlers, preschool, and school age children.

■Child Care II: 7075

Grade:.....11-12
Prerequisite: .....Child Care I
NCAA Clearinghouse:.....Not Approved

Credit: 1
Semester:.....Second

Course Description

Do you hope to become a parent someday? Are you interested in working in a child-related career? If so, this course is for you! This course is a continuation of Child Care I. Students will apply what they learned about growing and developing children as they 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 Drafting/ DMACC CAD #119~	8000	8005	Sem	9-10-11-12
Applications in Drafting/ DMACC CAD #115*&~		8015	Sem	9-10-11-12
Construction Tools and Materials	8040	8045	Sem	9-10-11-12
Architectural Drafting I*	8020		Sem	10-11-12
Architectural Drafting II*		8035	Sem	10-11-12
Construction Techniques I*	8050		Sem	10-11-12
Construction Techniques II*		8065	Sem	10-11-12

***Prerequisite for course**
~DMACC Credit Class

■Fundamentals in Drafting/DMACC CAD #119: 8000 or 8005

Grade:.....9-12
Prerequisite: ..... None
NCAA Clearinghouse:.....Not Approved
Credit: 1
Semester:.....First or Second

Course Description
This semester course will introduce students to the basics of computer aided drafting. Students will learn to read and produce drawings used as a means of communication between the designer and the technician. Algebra and Geometry are recommended but not required. **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 to students upon successful completion of this course.

***DMACC CAD #119** **3 credits**

■Applications in Drafting/DMACC CAD #125*: 8015

Grade:.....9-12
Prerequisite: ..... Fundamentals in Drafting
NCAA Clearinghouse:.....Not Approved
Credit: 1
Semester:.....Second

Course Description
This is a semester course, which develops computer-drafting skills required in the industrial and engineering fields. Drawings produced will include bolts and threads, gears and cams, isometric, orthographic, map, welding, and many other areas. Math skills are very important for this class. **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 CAD #125** **3 credits**

■Construction Tools and Materials: 8040 or 8045

Grade:.....9-12
Prerequisite: ..... None
NCAA Clearinghouse:.....Not Approved
Credit: 1
Semester:.....First or Second

Course Description
This course is designed to introduce students to tools and materials used by the construction trades. Emphasis is on safe operation of portable power tools as well as shop tools used in the woodworking and construction industries. Students will have various required projects assigned by the instructor that must be completed for a grade.

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

Safety glasses are required at the student's expense.

■Architectural Drafting I: 8020

Grade:.....10-12
Prerequisite: ..... Fundamentals of Drafting
NCAA Clearinghouse:.....Not Approved

Credit: 1
Semester:..... First

Course Description
Students will learn the basics of home design. They will draw the stairways, stud layouts, wall sections, and elevations, perspectives and design simple floor plans. A complete floor plan will be required at the end of the semester.

■Architectural Drafting II*: 8035

Grade:.....10-12
Prerequisite: ..... Architectural Drafting I
NCAA Clearinghouse:……Not Approved

Credit: 1
Semester:.....Second

Course Description
Students will design a complete set of floor plans for a house with guidelines. A bill of materials will be figured for each home and cost estimates included. The goal is to design the home for the next year's home construction class.

■Construction Techniques I: 8050

Grade:.....10-12
Prerequisite: ……Construction Tools and Materials
NCAA Clearinghouse:.....Not Approved

Credit: 1
Semester: ……...First

Course Description
Students will build a wall cabinet using appropriate design, materials, and tools of the trade. This course may also include the use of plastic laminates for countertops, finishing techniques, framing, masonry, sheet rock, hanging, flatwork, and cast work. Projects are required at student's expense.

Safety glasses are required at the student's expense.

■Construction Techniques II: 8065

Grade:.....10-12
Prerequisite: .....Construction Techniques I
NCAA Clearinghouse:.....Not Approved

Credit: 1
Semester:.....Second

Course Description
This is an advanced woodworking class for students who wish to make a larger more time consuming project. Students in this class will work more independently than in any other class. Students will design, plan and build a project. Instructor's permission is required for the building of the project chosen. 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	9000		Sem	9-10-11-12
Animal Science	9010		Sem	9-10-11-12
Natural Resources		9025	Sem	9-10-11-12
Horticulture		9045	Sem	9-10-11-12
Agricultural Business	9070		Sem	10-11-12
Advanced Animal Science/DMACC*&~		9015	Sem	11-12
Biotechnology in Agriculture		9055	Sem	11-12
Principles of Crop Production/DMACC~	9060		Sem	11-12
Agricultural Leadership	9080		Sem	11-12

***Prerequisite for course**

■Introduction to Agriculture, Food, and Natural Resources Education: 9000

Grade: 9-12
Prerequisite: ..... None
NCAA Clearinghouse: ..... Not Approved
Credit: 1
Semester: ..... First

Course Description
This class is for beginning agricultural education students. Instructional units include: Agriculture – The FFA Organization, Supervised Agricultural Experience and Introduction to Agricultural Sciences. Agricultural Science units include: plant science, livestock evaluation, and meat science. FFA and SAE are intra-curricular parts of this class. This class is highly recommended to any student who wants to become active in the FFA Chapter.

■Animal Science: 9010

Grade: 9-12
Prerequisite: ..... None
NCAA Clearinghouse: ..... Not Approved
Credit: 1
Semester: ..... First

Course Description
Students will learn about the value and utilization of animals in our lives. Instructional units include: The Industry of Animal Science, Animal Nutrition, Animal Digestion, Animal Physiology, Animal Reproduction, Animal Selection, and Animal Health and Management. FFA and SAE are intra-curricular parts of this class.

■Natural Resources: 9025

Grade: 9-12
Prerequisite: ..... None
NCAA Clearinghouse: ..... Not Approved
Credit: 1
Semester: ..... Second

Course Description
Students will examine the importance of natural resources in our lives and how to manage them for our benefit. Educational units include: opportunities in natural resources, soil formation and physical properties, land use, conservation and management, soil fertility, wildlife management, air and water quality management and weather and climate. FFA and SAE are intra-curricular parts of the class.

■Horticulture: 9045

Grade: 9-12
Prerequisite: ..... None
NCAA Clearinghouse: ..... Not Approved
Credit: 1
Semester: ..... Second

Course Description
Students will identify opportunities in horticulture, grow horticultural crops, manage a greenhouse and operate a school-based enterprise. Instructional units include: opportunities in horticulture, greenhouse management and technology, plant propagation and growth, soils and growing media, plant protection, floriculture, landscaping, integrated pest management and greenhouse maintenance. FFA and SAE are intra-curricular parts of the class**.**

■Advanced Animal Science/DMACC* AGS #113: 9015

Grade: 11-12
Prerequisite: ..... Animal Science
NCAA Clearinghouse: ..... Not Approved
Credit: 1
Semester: ..... Second

Course Description
This course explores issues impacting the United States and the international animal industry. The main emphasis of the course is on the animal industry in the global market, animal production management, anatomy and physiology, and marketing of farm animals. The animals of focus include beef and dairy cattle, companion animals, horses, poultry, sheep swine and their products. FFA and SAE are intra-curricular parts of the class. **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 AGS # 113** **3 credits**

■Biotechnology in Agriculture: 9055

Grade: 11-12
Prerequisite: ..... None
NCAA Clearinghouse: ..... Not Approved
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: 9070

Grade: 10-12
Prerequisite: ..... None
NCAA Clearinghouse: ..... Not Approved
Credit: 1
Semester: ..... First

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.

■Principles of Crop Production/DMACC* AGA #114: 9060

Grade:.....11-12 **Credit:** 1
Prerequisite: ..... None **Semester:**..... First
NCAA Clearinghouse:.....Not Approved

Course Description
This course is a study of principles of plant, soil and climate relationships and their impact on crop production and animal food supply worldwide. Other topics covered are plant identification, anatomy and growth, as well as tillage and planting, pest control, harvesting and storage. FFA and SAE are intro-curricular parts of this class. **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 AGA #114** **3 credits**

■Agricultural Leadership: 9080

Grade:.....11-12 **Credit:** 1
Prerequisite: ..... None **Semester:**..... First
NCAA Clearinghouse:.....Not Approved

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.

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	9-10-11-12
Health II	4201	4206		Sem	9-10-11-12

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**		**Year**	**9-10-11-12**
Total Body Fitness & Conditioning-Advanced	**124**	**105**		**Year**	**9-10-11-12**
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	10-11-12
R Peer Phys Ed		107		Sem	9-10
R Peer Phys Ed	112			Sem	11-12

Summer PE

Summer Phys Ed		115	Summer	10-11-12

■Health I: 4200 or 4205

Grade:.....9-12
Prerequisite: ..... None
NCAA Clearinghouse:.....Not Approved
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: 4201 or 4206

Grade:.....9-12
Prerequisite: ..... Health I
NCAA Clearinghouse:.....Not Approved
Credit: 1
Semester:.....First or 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: 120 (11-12) or 101 (9-10)

Grade:.....9-12
Prerequisite: ..... None
.....
NCAA Clearinghouse:.....Not Approved
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.

■Individual/Dual Recreation Activities: 102 (11-12) or 121 (9-10)

Grade:.....9-12
Prerequisite: ..... None
.....
NCAA Clearinghouse:.....Not Approved
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.

■Team Games/Activities & Sports: 103 (11-12) or 122 (9-10)

Grade:.....9-12
Prerequisite: ..... None
.....
NCAA Clearinghouse:.....Not Approved
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.

■Total Body Fitness & Conditioning - Beginner: 123 / 104

Grade:.....9-12
Prerequisite: None.....
NCAA Clearinghouse:.....Not Approved
Credit: 1
Semester:...**Every other day all Year**

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. **This class will meet every other day for the full school year – Total Body is the only class to do this.**

■Total Body Fitness & Conditioning - Advanced: 124 / 105

Grade:.....9-12
Prerequisite: ..... None
NCAA Clearinghouse:.....Not Approved
Credit: 1
Semester:…**Every other day all Year**

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. **This class will meet every other day for the full school year – Total Body is the only class to do this.**

■Early Bird Physical Education: 130 or 135

Grade:.....10-12
Prerequisite: ..... **Instructor Conversation***
NCAA Clearinghouse:.....Not Approved
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.

■Peer Physical Education: 112 (11-12) or 107 (9-10)

Grade:.....9-12
Prerequisite: ..... **Instructor Conversation***
NCAA Clearinghouse:.....Not Approved

Credit: 1
Semester:. First Semester 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, you must be approved by the instructor (Mrs. Lester).**

■Summer Physical Education: 115

Grade:.....10-12
Summer Physical Ed Fee: $125.00
NCAA Clearinghouse:.....Not Approved

Credit: 1
Semester:.....Summer

Course Description
Summer physical education class is open to all students entering the 10th-12th grades. Registration for this class is done in the spring, and the cost is $125.00 per session. Seniors will be given priority for enrollment and then it will be on a first come – first served basis. **No incoming 9th grade students will be allowed to take summer PE unless they have no study halls in their schedule for both semesters of their 9th grade year and they receive approval from the high school principal. This course is only offered if an instructor is available.**

DMACC Southridge Career Academy Course Numbers

Class	Semester 1	Semester 2	Year/ Semester	Available
Auto Collision/ DMACC Career Academy~	600/651/652	615/625	Year	11-12
Automotive Technology/ DMACC Career Academy~	601	616	Year	11-12
Business & Marketing/ DMACC Career Academy~	660/661/662	663/664/665	Year	11-12
Computer Programming/ DMACC Career Academy~	607/608/633	632/634/655	Year	11-12
Criminal Justice/ DMACC Career Academy~	604/611/612	611/613/619	Year	11-12
Health Occupations/ DMACC Career Academy~	614/638/639	637/641/648	Year	11-12
Teacher Academy/ DMACC Career Academy~	620/622	623/656	Year	11-12
Welding Year 1/ DMACC Career Academy~	603/653/654	643/657/ 658/659	Year	11-12

COUNSELOR MEETING IS NEEDED FOR ANY OF THE ABOVE COURSES

~DMACC Credit Class

■Auto Collision/DMACC Career Academy:

Grade:.....11-12 **Credit:** .....3 per semester
Prerequisite: ..... None **Semester:**.....Year
NCAA Clearinghouse:.....Not Approved

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.

15 DMACC CREDITS
Times available: M-F 7:40-9:40 a.m. and 1:10–3:10
Please see your counselor regarding this course.

■Automotive Technology/DMACC Career Academy:

Grade:.....11-12 **Credit:** .....3 per semester
Prerequisite: ..... None **Semester:**.....Year
NCAA Clearinghouse:.....Not Approved

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.

12 DMACC CREDITS
Times available: M-F 7:40-9:40 a.m. or 1:10-3:10 p.m.
Please see your counselor regarding this course.

■Business and Marketing/DMACC Career Academy:

Grade:.....11-12 **Credit:** .....3 per semester
Prerequisite: ..... None **Semester:**.....Year
NCAA Clearinghouse:.....Not Approved

Course Description
This program is designed to provide a foundation of courses that prepare students for multiple business-related post-secondary opportunities.

17 DMACC CREDITS
Times available: M-F, 1:10-3:10 p.m.
Please see your counselor regarding this course.

■Computer Science Programming/DMACC Career Academy:

Grade:.....11-12 **Credit:** .....3 per semester
Prerequisite: ..... None **Semester:**.....Year
NCAA Clearinghouse:.....Not Approved

Course Description
This program is intended for the student who is interested in a programming career in a client/server environment or in the areas of electronic commerce and database applications. Students have the opportunity to sign up for one or both semesters of courses which provide an introduction to the latest in computer science and programming.

18 DMACC CREDITS
Times available: M-F, 1:10-3:10 p.m.
Please see your counselor regarding this course.

■Criminal Justice/DMACC Career Academy:

Grade:.....11-12 **Credit:** .....3 per semester
Prerequisite: ..... None **Semester:**.....Year
NCAA Clearinghouse:.....Not Approved

Course Description
This program introduces students to criminal law and crime scene investigation and prepares them for entry into the criminal justice field.
18 DMACC CREDITS
Times available: M-F, 7:40-9:40 a.m. or 1:10–3:10 p.m.
Please see your counselor regarding this course.

■Health Occupations/DMACC Career Academy:

Grade:.....11-12 **Credit:** .....3 per semester
Prerequisite: ..... None **Semester:**.....Year
NCAA Clearinghouse:.....Not Approved

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.
14 DMACC CREDITS
Times available: M-F, 7:40-9:40 a.m. or 1:10-3:10 p.m.
Please see your counselor regarding this course.

■Teacher Academy/DMACC Career Academy:

Grade:.....11-12 **Credit:** .....3 per semester
Prerequisite: ..... None **Semester:**.....Year
NCAA Clearinghouse:.....Not Approved

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.
8 DMACC CREDITS
Times available: M-F, 1:10-3:10 p.m.
Please see your counselor regarding this course.

■Welding/DMACC Career Academy:

Grade:.....11-12 **Credit:** .....3 per semester
Prerequisite: ..... None **Semester:**.....Year
NCAA Clearinghouse:.....Not Approved

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.
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.
Please see your counselor regarding this course.

Guidance Course Numbers

Class	Semester 1	Semester 2	Year/ Semester	Available
Sprint- In-depth Independent Study**	50	55	Sem	9-10-11-12
Senior Year Plus**	690	695	Sem	11-12
Service Learning	220	225	Sem	11-12

COUNSELOR MEETING IS NEEDED FOR ANY OF THE ABOVE COURSES

***Prerequisite for course**
****Must Have Counselor Meeting**
~DMACC Credit Class

■Sprint – In-Depth, Independent Study: 50 and/or 55

Grade:.....9-10-11-12 identified TAG students
Prerequisite: .....**See Counselor**
NCAA Clearinghouse:.....TBA
Credit: 1
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: 690 and/or 695

Grade:.....11-12 or an identified TAG student
Prerequisite: .....**See Counselor**
NCAA Clearinghouse:.....TBA
Credit: 1
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: 220 and/or 225

Grade:.....11-12
Prerequisite: ..... **Counselor Meeting**
NCAA Clearinghouse:.....Not Approved
Credit: 1
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.

Special Needs

Three levels of special education programs with varying amounts of integration into the general education classroom are available at Indianola High School. Significant to substantial modifications are provided in the areas of curriculum, instruction, social/emotional development, and/or environment. An IEP team determines placement and types of services based on individual student need.

Level 1

In Level 1 service, the majority of instruction occurs in general education. This level of service includes modifications and adaptations to the general education curriculum.

Level 2

Level 2 services include specially designed instruction in special education or regular education classrooms for a majority of the educational program. This level of service includes substantial modifications, adaptations, and accommodations to the general education program (curriculum).

Level 3

For Level 3 service, instruction is specially designed for most or for the entire educational program. This level of service requires extensive redesign of curriculum and substantial modification of instructional techniques, strategies and materials. Students are evaluated through Alternate Assessment in place of standardized testing.

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	9-10-11-12
English 10 Basics	1310	1315	Year	10-11-12
English 11 Basics	1320	1325	Year	11-12
English 12 Basics	1420	1425	Year	11-12
DI Skills B2 *	1330	1335	Sem	9-10-11-12
DI Skills C1*	1331	1336	Sem	9-10-11-12
DI Skills C2 *	1332	1337	Sem	9-10-11-12
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: 20th Century to Present	2370	2375	Sem	9-10
Physical Science Basics	4130	4145	Year	9-10-11-12
Biology Basics	4150	4155	Year	10-11-12
General Math A Basics	3301	3306	Year	9-10-11-12
General Math B Basics	3300	3305	Year	9-10-11-12
Consumer Math Basics	3310	3315	Year	9-10-11-12
Tech Math Basics	3320	3325	Year	9-10-11-12
Skills Credit	700	715	Sem	9-10-11-12
Life Skills 1	780	785	Sem	9-10-11-12
Life Skills 2 Part A	781	786	Sem	9-10-11-12
Life Skills 2 Part B	782	787	Sem	9-10-11-12
Human Relations	740	745	Sem	9-10-11-12

***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	9-10-11-12
English 10 Fundamentals	1350	1355	Year	10-11-12
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	10-11-12
World History Fundamentals: 20th Century to Present	2450	2455	Sem	9-10-11-12
Science Fundamentals 2	4471	4476	Year	9-10-11-12
Physical Science Fundamentals	4480	4485	Year	10-11-12
Biology Fundamentals	4490	4495	Year	10-11-12
Applied Math (Pt I) Fundamentals	3420	3425	Year	9-10-11-12
Applied Math (Pt II) Fundamentals	3430	3435	Year	10-11-12
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	9-10-11-12
Life Skills 2 Part A	781	786	Sem	9-10-11-12
Life Skills 2 Part B	782	787	Sem	9-10-11-12
Foods Fundamentals	7300	7305	Sem	9-10-11-12
Skills Development	800	815	Sem	9-10-11-12

■Peer Physical Education

Grade:.....9-12
Prerequisite: ..... **Instructor Conversation***
NCAA Clearinghouse:.....Not Approved

Credit: 1
Semester:. First Semester 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
NCAA Clearinghouse:.....Not Approved

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
NCAA Clearinghouse:.....Not Approved

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
NCAA Clearinghouse:.....Not Approved

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
NCAA Clearinghouse: ..... Not Approved
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: 11-12
Prerequisite: ..... Science 9
NCAA Clearinghouse: ..... Not Approved
Credit: 1
Semester: ..... Year

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

■Biology Basics

Grade: 10-12
Prerequisite: ..... Science 9
NCAA Clearinghouse: ..... Not Approved
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. Along the way, we will examine ecology and how plants and animals interact with each other.

■Direct Instruction Skills

Grade: 9-12
Prerequisite: ..... Students must be tested for placement
NCAA Clearinghouse: ..... Not Approved
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
2 – Decoding B2
3 – Decoding C
4 – Comprehension B
5 – Comprehension C

■Second Chance Reading

Grade:.....9-12
Prerequisite: .....none
NCAA Clearinghouse:.....Not Approved
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
NCAA Clearinghouse:.....Not Approved
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
NCAA Clearinghouse:.....Not Approved
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
NCAA Clearinghouse:.....Not Approved
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
NCAA Clearinghouse:.....Not Approved
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
NCAA Clearinghouse:.....Not Approved
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 though processes from biological, cognitive, behavioral and sociocultural perspectives.

■World History Basics: 20th Century to Present

Grade:.....9-10
Prerequisite: ..... None
NCAA Clearinghouse:.....Not Approved
Credit: 1
Semester:.....First or Second

Course Description
This course parallels the general education curriculum and is taught as a reverse-consultation class in a small group setting. This course will focus on the 20th Century to the present day. Major emphasis will be placed on developing a story, as we strive to make sense of the past. Topics will include the world wars, rise of communism and democracy-building. After completing the course, the students will see the necessity of study as they apply what they have learned to understanding why events are occurring in today's complex world.

■General Math Basics

Grade:.....9-12
Prerequisite: ..... None
NCAA Clearinghouse:.....Not Approved
Credit: 1
Semester:.....Year

Course Description
This course is taught as a reverse-consultation class in a small group setting. The students will review basic skills and use these basic skills in practical situations. General Math offers basic math skills needed for everyday living and an introduction to Pre-Algebra. This course teaches the students to prepare for independent living.

■Consumer Math Basics

Grade:.....10-12
Prerequisite: ..... None
NCAA Clearinghouse:.....Not Approved
Credit: 1
Semester:.....Year

Course Description
This course is taught as a reverse-consultation class in a small group setting. Consumer math teaches students to apply basic mathematical skills to consumer situations. The students will review basic skills and apply these skills to practical consumer daily living situations and an introduction to Pre-Algebra. This course will teach students to develop consumer skills to prepare for independent living.

■Tech Math Basics

Grade:.....10-12
Prerequisite: ..... None
NCAA Clearinghouse:.....Not Approved
Credit: 1
Semester:.....Year

Course Description
This course is taught as a reverse-consultation class in a small group setting. The students will build an understanding of mathematic concepts and operations. Emphasis is placed on mastering basic concepts that are necessary for life and an introduction to Pre-Algebra. The objective is to relate a learned concept to everyday situations and make practical applications.

■Skills Credit

Grade:.....9-12
Prerequisite: ..... None
NCAA Clearinghouse:.....Not Approved
Credit: 1
Semester:.....First and/or Second

Course Description
A student will receive specially designed instruction for goal areas as specified by the student's IEP. The student will earn an elective credit. There will be progress monitoring completed for each of the goal areas. Weekly probes will be given for skill areas as dictated by the IEP. Areas that may be covered during skills credit class include; basic academic skills, study skills, social skills, post-school adult living skills, job skills, technology skills and self-advocacy. The goal of this course is for students to successfully complete the IEP goals written on the IEP.

■Life Skills **(Blended course)**

Grade:.....9-12
Prerequisite: ..... None
NCAA Clearinghouse:.....Not Approved
Credit: 1
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
Prerequisite: .....IEP Directive
NCAA Clearinghouse:.....Not Approved

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

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.