Nevada High School

COURSE GUIDE
2019 - 2020

TABLE OF CONTENTS

Cover Page	1
Table of Contents	2
Introduction/Equity Statement/Interpreter Services	3-4
Registration Procedures & Independent Study Courses	5
Schedule Changes	6
Graduation Requirements – Class of 2020	7
Graduation Requirements – Class of 2021 and beyond	8
Senior Year Plus Requirements/College Credit Options & Guidelines	9-12
Test Out Exam Procedures	13
Test Out Exam Application	14
Retaking a Course	15
Early Graduation	16
Activities, Clubs, & Organizations	17
Four Year Academic Planner Worksheet	18
High School Resume	19
Honors & Advanced Placement Courses	20
Course Contract	21
Fine Arts – Art	22-24
Fine Arts – Music	25-26
Language Arts	27-34
Mathematics	35-37
Physical Education	38
Science	39-42
World Language	43-444
Social Studies	45-48
Career Technical Ed – Ag	49-50
Career Technical Ed – Business	51-53
Career Technical Ed - Family & Consumer Science	54-56
Career Technical Ed - Industrial Technology	57-58
Career Technical Ed - Project Lead The Way	59
21st Century Learning and Additional Course Offerings	60-62
Resource Classes	63
DMACC – SCALE & Career Academy	64-69
DMACC – Online Career Academy	70-75
Edmentum Digital Curriculum	76-78
RAI Core Course List & State University Admission Requirements	79-81
NCAA Approved Core Courses & Eligibility Requirements	82-86
Recommended Content Pathways	87-93

INTRODUCTION

Dear Students and Parents/Guardians:

The 2019-20 Course Guide is designed to assist you in making course selections that will affect your future. The 2019-20 school year will offer students the opportunity to have a blended schedule of blocked and/or skinny courses. This structure provides students the opportunity to expand their horizons by enrolling in additional courses and provides individualized paths to graduation. We are proud of our curriculum. We believe the materials in this book describe a program that can meet the diverse needs of our students and one that will also prepare them to meet the challenges of the 21st Century.

For this course guide to meet your needs, you need to use it wisely. Please consider your interests, aptitudes, and educational goals before you select your course of study. Also, keep in mind graduation requirements and **check to see if the course is offered as a skinny (1 period for an entire semester or year) or blocked (2 periods for a term or semester).**

The selection of courses and the development of your high school academic plan is a very important part of any student's education. The decisions made today can have a definite impact upon educational and career plans. Accordingly, we want to stress the importance of this whole process.

You are encouraged to contact your counselor if you have any questions or concerns regarding course offerings or graduation requirements. In addition to these requirements, students should check with the counselor regarding entrance requirements at various post-secondary institutions.

There are two major steps involved in planning next year's program:

1. Registration
2. Scheduling

During third term, registration information will be distributed to students in grades 8-11. Within the next few months, you will be making your choices, almost eight months before the start of the new school year. Since the choices you make will determine the courses we offer and staff we provide, you need to register with care.

Once we determine our course and staff needs, we are committed; schedule changes will be very difficult, if not impossible to accommodate.

If you have questions about registration procedures or your specific educational plan, please contact your counselor.

Best wishes for a great 2019-20 school year.

Kody Asmus
Nevada HS Principal

EQUITY STATEMENT

It is the policy of the Nevada Community School District not to discriminate on the basis of race, color, national origin, gender, disability, religion, creed, age (for employment), marital status (for programs), sexual orientation, gender identity and socioeconomic status (for programs) in its educational programs and its employment practices. There is a grievance procedure for processing complaints of discrimination. Any person inquiring about or seeking assistance with the District's compliance with equity regulations may contact the Equity Coordinator: Justin Gross, Associate Superintendent of School Improvement – jgross@nevadacubs.org / (515) 382-2783. Complaints can also be directed to the Iowa Civil Rights Commission, 400 E. 14th Street, Des Moines, IA 50319-1004, (515) 281-4121, or Region VII Office for Civil Rights, Citigroup Center 500 W. Madison Street, Suite 1475 Chicago, IL 60661-4544.

INTERPRETER SERVICES - SPEAKING

It is the policy of the Nevada Community School District to provide interpreter services of the content of the course guide for individuals with limited English speaking abilities. Individuals in need of interpreter services may contact Nevada High School Principal, Kody Asmus - kasmus@nevadacubs.org/(515) 382-3521.

SERVICIOS DE INTÉRPRETE - HABLANDO

La política del Distrito Escolar de la Comunidad de Nevada es proporcionar servicios de interpretación del contenido de la guía del curso para personas con habilidades limitadas de habla inglesa. Las personas que necesitan servicios de intérpretes pueden comunicarse con el director de la escuela secundaria de Nevada, Kody Asmus - kasmus@nevadacubs.org/ (515) 382-3521.

INTERPRETER SERVICES - HEARING

It is the policy of the Nevada Community School District to provide interpreter services of the content of the course guide for the hearing impaired. Individuals in need of interpreter services may contact Nevada High School Principal, Kody Asmus - kasmus@nevadacubs.org/(515) 382-3521.

REGISTRATION PROCEDURES

1. Please read this manual. As Nevada High School continues to review curriculum, the courses we offer will continue to change and expand.

2. A great deal of planning is done based upon your choices. We ask that you register carefully for your classes.

3. Academic schedule changes will only be allowed with administrative approval. Please see "Schedule Changes" for dropping/adding a course.

4. Questions related to scheduling should be directed to the counselor's office.
   The counselor may be reached at 382-3521, ext. 395.

Course Offerings

Every attempt will be made to teach a class that is listed in this Course Guide. However, the number of students that register for a class can dictate whether the course will be taught or how frequently it will be taught. Decisions relating to specific courses being taught will be made after all students have registered for their classes.

Independent Study Courses

Independent study courses will be available to students who desire to explore advanced topics and have a high degree of interest in a subject area. Independent study courses will:

a) be under the direct supervision of the instructor at least 33 hours per term
b) have specific outcomes, activities, and assessments, which equate to a "regular" course
c) earn a grade and a credit and be listed on the transcript
d) have one or one-half block dedicated to the independent study

SCHEDULE CHANGES

After the initial registration and scheduling, students schedule changes may only be made according to the following criteria:

1. Approved level changes by the parent, teacher, and principal.
2. Failure in first, second, third, or fourth term course(s).
3. Computer and/or clerical error - students may check their original registration for mistakes in the office.
4. Special education placement.
5. Failure to meet a course prerequisite.
6. Seniors who must enroll in a course to meet graduation requirements.
7. Wanting to add or change a course without disturbing the rest of the schedule.
8. The requested change will not be approved if it causes a class to be over-full.

All schedule changes must be made with the academic counselor within the **FIRST 5 DAYS OF THE TERM**. Approval by a parent may be necessary for any addition/deletion of a course.

GRADUATION REQUIREMENTS -- Class of 2020

The number of credits required to be eligible for a Nevada High School diploma is **52**.

A credit is defined as a passing grade in a full block for one term (9 weeks) of a given course. Two credits in a class equals one year of coursework (i.e. 2 credits in English 9 = 1 year of English). Credits are required to be earned in the following areas:

Language Arts	*8 credits:*	- English 9 or Honors English 9 - Essentials of Speech Communication (10th grade) - Written Communication (10th grade) - Composition course (11th &12th grade) - Literature course (11th & 12th grade) - One additional language arts course.
Math	*6 credits*	
Physical Education	*4 credits*	- One credit per year
Science	*6 credits*	- Integrated Science I and II - Biology or Honors Biology (10th grade) - One additional science course
Social Studies	*6 credits*	- World History (10th grade) - US History or AP US History (11th grade) - Government or AP Government (12th grade) - One additional social studies course
Fine Arts/Career Technical Ed	*2 credits*	- Credits may be earned either in Fine Arts or Career Technical Ed, or a combination of both
Financial Literacy	*1 credit*	- (12th grade) - Test Out is available in August

52 credits are required for graduation:
Class of 2010 and beyond - 19 electives and 33 required courses are required.

MANDATORY CPR REQUIREMENT *– Starting with the class of 2012 and beyond, the State of Iowa is requiring that all students, prior to graduation, must take a CPR class that can lead to certification. Nevada High School will be offering CPR classes throughout the year, outside the regular school day. Students can provide proof of CPR certification (no older than 2012) in lieu of taking a CPR class with Nevada High School. No high school credit will be awarded for completing this requirement.*

GRADUATION REQUIREMENTS
**Class of 2021 and beyond*

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Math	*6 credits*	
Physical Education	*4 credits*	- One credit per year
Science	*6 credits*	- Integrated Science I and II - Biology or Honors Biology (10th grade) - One additional science course
Social Studies	*6 credits*	- World History (9th or 10th grade) - US History **or** AP US History (10th or 11th grade) - Psychology **or** Sociology (10th, 11th, or 12th grade) - Government **or** AP Government (12th grade)
Fine Arts/Career Technical Ed	*2 credits*	- Credits may be earned either in Fine Arts or Career Technical Ed, or a combination of both
Financial Literacy	*1 credit*	- (12th grade) - Test Out is available in August

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SENIOR YEAR PLUS REQUIREMENTS

The intent of the Senior Year Plus statute, as developed by the Iowa Department of Education, is to ensure that all students have increased access to courses that have the potential to generate college credit while in high school. In addition to meeting the assessment and prerequisite requirements outlined by the postsecondary institution, the statute requires all students enrolling in college credit courses to be proficient on their Iowa Assessments in each of the following three academic areas – reading, math, and science. Students are determined to be proficient if they score at or above the 41st percentile (NPR) in the subject area. At Nevada High School, courses that fall under this statute include:

- Post Secondary Enrollment Options Act Courses (PSEO)
  - includes both ISU and DMACC
  - includes both on-campus and online
- DMACC Career Academy Courses (Hunziker Center in Ames)
- Other courses in which college credit is earned in addition to high school credit
  - to be determined case-by-case, following the guidelines of the statute

If a student does not meet the proficiency requirements stated above, the Nevada Community School District might opt to use alternate measures to determine proficiency. A student needs to meet only one of the following alternative measures to be considered proficient:

Nevada High School's Alternate Measures of Proficiency:

1. The student received a "C" or better on their most recent course in the subject area.
2. The student is proficient on the English, Math, or Science portions of the PreACT test or the ACT. Proficiency is a score of 19 or higher.
3. The student is proficient on the Critical Reading or Math portions of the PSAT. Proficiency is a score of 45 or higher. The student would have to show proficiency in science on another measure.
4. The student is proficient on the Reading or Math portions of the Accuplacer Test. Proficiency is a score at or above the career/technical program level as determined by DMACC. These scores are: Reading – 81, Math Pre-Algebra – 24. The student would have to show proficiency in science on another measure.
5. For students with Individual Education Plans (IEPs) who do not demonstrate proficiency in one or more of the areas listed above, the IEP team may establish an alternative but equivalent measure of proficiency through the IEP.

Student Name_____ **Grade**_____ **Date**_____

COLLEGE CREDIT OPTIONS & GUIDELINES

Nevada High School students have the following options available to earn college credit while in high school:

***** In order to take advantage of any of these options, interested students and parent(s) must attend a <u>Mandatory Parent Night</u> as set-up by Nevada High School *****

- **PSEO – Post Secondary Enrollment Option**
  - The student applies for and is accepted to take a college class through a post secondary institution (i.e. DMACC, ISU). Can be taken either on campus or online. *This must be done by the deadline set by each college.*
  - A contract must be signed by both the student and a parent and turned in prior to registration of the class.
  - A student will not be allowed to take a class through the PSEO option if NHS offers a comparable class (i.e. a 'Dual Credit" option). *Note: If a class is offered through the DMACC Online Career Academy (see below), it <u>cannot</u> be taken through PSEO at DMACC.*
  - The student must meet all prerequisites for the desired class(es). (i.e. A placement test is required for all math and foreign language classes prior to being enrolled)
  - The student must still be scheduled in NHS classes.
  - The student must provide his or her own transportation to and from the class.
  - The student will earn 1 NHS credit for every 2 – 4 credit class taken. The student will earn 0.5 NHS credit for a 1-credit class (i.e. a lab class taken with a lecture section).
  - The student must go to the ISU bookstore to pick up the required textbooks once they are registered for the class. The school will pay for the class and the required textbook(s), but any other needed materials/supplies (i.e. consumable art supplies) will be paid for by the student. The textbooks must be returned to the ISU Registrar's office at the completion of the class, or the student will be billed for them. The student can keep any other supplies they paid for.
  - If the student drops or fails the class for any reason, they will be responsible for reimbursing Nevada Community School District the cost of the class, which currently is **$250**. Once the course is dropped, the student will be required to come to NHS during the class time and will be rescheduled into a NHS class at the earliest opportunity.
  - If the NHS term/semester ends on a different date, at the completion of the college class, <u>Juniors</u> and <u>Seniors</u> who have a B- or better in their NHS classes can apply for "open campus" by completing the required form, having it signed by a parent, and turning it into the Guidance Office. If approved, these students will be allowed to leave campus during the time that the college class was scheduled. If not approved, they will need to stay at NHS for the entire day.
  - ***Since these classes follow the college semester calendar, final grades are entered into PowerSchool for these classes at the ends of Terms 2 or 4, depending on the semester they are taken.***
  - ***All grades and credits earned will be entered on the student's NHS transcript and calculated into their NHS cumulative GPA and Class Rank.***

- **Concurrent Enrollment – Dual Credit (DC) classes offered at NHS**
  - The student registers for this class at the time of class registration for the following year (usually in February).
  - A contract must be signed by both the student and a parent and turned in prior to registration of the class.
  - The student must meet all prerequisites for the desired class(es).
  - Since these classes are offered on our schedule, the student will be required to have NHS classes in every other available period/block (i.e. 1 block of a Dual Credit class, 3 blocks of NHS classes).
  - The student must meet all the requirements for both NHS and the partner institution (usually DMACC) in order to pass the class.
  - If the NHS term/semester ends on a different date, at the completion of the DC class, <u>Juniors</u> and <u>Seniors</u> who have a B- or better in their NHS classes can apply for "open campus" by completing the required form, having it signed by a parent, and turning it into the Guidance Office. If approved, these students will be allowed to leave campus

during the time that the college class was scheduled. If not approved, they will need to stay at NHS for the entire day.
    - ***Since these classes are scheduled on Nevada High School's calendar, final grades are entered into PowerSchool for these classes at the end of each term.***
    - ***All grades and credits earned will be entered on the student's NHS transcript and calculated into their NHS cumulative GPA and Class Rank.***

- **DMACC Online Career Academy (DOCA)**
    - The student must register for the class by the deadline set by DMACC.
    - A contract must be signed by both the student and a parent and turned in prior to registration of the class.
    - The student must meet all prerequisites for the desired class(es).
    - Since these classes are online and have flexibility where they are scheduled, the student will be required to have NHS classes in every other available block (i.e. 1 block of a DOCA class, 3 blocks of NHS classes).
    - The student will earn 1 NHS credit for every 2 – 4 credit class taken. The student will earn 0.5 NHS credit for a 1credit class.
    - Textbooks for these classes are mailed to Nevada High School. The student must return the textbook to the NHS Guidance Office immediately at the completion of the class.
    - If the NHS term/semester ends on a different date, at the completion of the DOCA class, Juniors and Seniors who have a B- or better in their NHS classes can apply for "open campus" by completing the required form, having it signed by a parent, and turning it into the Guidance Office. If approved, these students will be allowed to leave campus during the time that the college class was scheduled. If not approved, they will need to stay at NHS for the entire day.
    - If the student drops the class for any reason, the student will be rescheduled into a NHS class at the earliest opportunity.
    - ***Since these classes follow the college semester calendar, final grades are entered into PowerSchool for these classes at the ends of Terms 2 or 4, depending on the semester they are taken.***
    - ***All grades and credits earned will be entered on the student's NHS transcript and calculated into their NHS cumulative GPA and Class Rank.***

- **DMACC Hunziker Center Career Academy**
    - The student registers for this class at the time of class registration for the following year (usually in February).
    - A contract must be signed by both the student and a parent and turned in prior to registration of the class.
    - Students must attend the DMACC Career Academy Orientation
    - The student will earn 2 NHS credits every semester, in addition to the numerous DMACC college credits earned, which vary for each class.
    - The student must meet all requirements and prerequisites for the desired class(es). (i.e. Background checks, CPR, etc. for CNA; Instructor interview for Career Work Experience)
    - The student must still be scheduled in 2 to 3 blocks of NHS classes, depending on where the Career Academy class is scheduled.
    - The student must provide his or her own transportation to and from the class.
    - Some of these classes are only a semester long and some are go for the entire school year. A student who is signed up for a yearlong class may be dropped from the class in the Spring semester (terms 3-4) if they fail the class or do not pass their NHS classes in the Fall (terms 1-2).
    - If the NHS term/semester ends on a different date, at the completion of the Career Academy class, Juniors and Seniors who have a B- or better in their NHS classes can apply for "open campus" by completing the required form, having it signed by a parent, and turning it into the Guidance Office. If approved, these students will be allowed to leave campus during the time that the college class was scheduled. If not approved, they will need to stay at NHS for the entire day.
    - If the student drops the class for any reason, the student will be required to come to NHS during the class time and will be rescheduled into a NHS class at the earliest opportunity.
    - ***Since these classes follow the college semester calendar, final grades are entered into PowerSchool for these classes at the ends of Terms 2 and/or 4, depending on the semester(s) they are taken.***

- ***All grades and credits earned will be entered on the student's NHS transcript and calculated into their NHS cumulative GPA and Class Rank.***

PSEO and Contracted Course Comparison

	PSEO Courses	Contracted Courses
Supplementary Weighting	Never eligible.	Community college coursework provided to students in grades 9-12 may be eligible for concurrent enrollment and supplementary weighting, but not always. Other postsecondary institutions are never eligible.
Enrollment	Student applies to a postsecondary institution to enroll; course must not be offered by the resident/serving district or be provided through a contract agreement with any postsecondary institution. Postsecondary institution includes, but is not limited to, a community college.	Student enrolls at school district to take community college coursework. Courses to be offered to high school students by community colleges through concurrent enrollment must be approved by the school board on an annual basis.
Grade Level	Grades 11-12; grades 9-10 gift and talented students only.	Grades 9-12
Payment	District pays if student passes and completes; otherwise parent/guardian reimburses; Paid no later than June 30 of each year. On an open enrolled student, "district" means the receiving district.	District pays regardless if student passes or fails; paid on the time schedule negotiated. On an open enrolled, "district" means the resident district for a class eligible for supplementary weighting.
Cost	Actual costs up to $250 per course.	Whatever cost negotiated by community college and district boards.
Tuition Charge to Students	None, unless the student fails the course or does not complete the course.	None
College Credit	Required; course must be nonsectarian.	Required if the course eligible for supplementary weighting; course must be nonsectarian.
High School Credit	Required; credit shall count toward graduation.	Required if course eligible for college credit or for supplementary weighting.
Contractual Agreement Required?	No	Yes; should be established prior to any student enrollment.
Notifications	Postsecondary institution notifies student, parent/guardian if minor, appropriate public school district, and nonpublic school if applicable; notification must include the course, clock hours, and credit hours.	If offered through concurrent enrollment, the district, in collaboration with the community college, notifies student, parent/guardian if minor; notification must include the course, clock hours, and credit hours.
Summer Session	Allowed up to 7 credit hours if student has not completed high school graduation requirements but has completed eleventh grade. However, district does not pay for these summer session courses.	Allowed; district pays. Not eligible for supplementary weighting.
Full-time Enrollment	Not allowed. (See page 10)	Not allowed if courses eligible for college credit or supplementary weighting; otherwise allowed. (See page 10)
Transportation Responsibility	Parent or legal guardian.	See page 31.
Location	Postsecondary campus or any satellite site established by the postsecondary institution.	Any site established by the community college, which may include facilities of the local district.

TEST OUT EXAM PROCEDURES

I understand that the following criteria must be reached in order for me to earn credit:

1. Application form must be submitted to the counselor at the time of registration.

2. Test Out Exams will be offered only once during the year during the month of August. The exact Test Out Exam date will be set in May of the previous school year and published.

3. One Test Out Exam will be taken for each course.

4. Students may sit for assessments at the academic level recommended by previous subject matter instructors.

5. A student may sit for a pass out exam only one time per course.

6. No more than three test out exams may be taken per year.

7. A middle school student in TAG may take high school test out exams.

8. Course materials may be checked out over the summer for individual review.

9. The student must **earn 85% or higher** on the end of the term exam.

10. The student will earn a "Pass" or "Not Pass" on each exam. If a student passes the exam, the student will: receive the assigned credit for the course; the course will be placed on the student's transcript along with a "Pass," but no grade will be figured into the student's GPA.

11. A Test out Exam may only be used before a student has attempted the course.

TEST OUT EXAM APPLICATION

Student's Name _____ Grade _____

Summer Address _____

Phone Number _____

Nevada Community School District Board Policy #505.8 "Performance Testing for Classroom Credit" states:
In meeting the needs of the students, the Board may grant credit by performance testing for course work, which is ordinarily included in the school curriculum. Students wishing to receive credit by testing shall have the approval of the superintendent prior to taking the test. Testing for credit may only be utilized prior to the offering of a course. Once the course has begun, students must attend the class and complete the required work for credit. (Last revised 05/21/2007, last reviewed 01/24/2011)

I, _____, am applying to take the following Test Out Exam(s) on August _____, _____:

Course Name _____

Course Name _____

Course Name _____

I and my parent(s)/ guardian(s) have read and understand the criteria for taking Test Out Exams and earning credit listed on the back of this application.

I am requesting course materials for individual summer review _____ Yes _____ No

Student Signature _____ Date _____

Parent/Guardian Signature _____ Date _____

********** For Office Use **********

Submitted to Counselor _____ Date _____

Approval of Principal _____ Date _____

Approval of Superintendent _____ Date _____

Test Out Exam(s) Administered

Date	Course	Exam Score	Pass	Credit Earned
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

RETAKING A COURSE

If a student has passed a class, the student may take the class a second time with prior permission of the principal and school counselor. This permission must be granted at the time of registration. The purpose of this option is to help a student master the concepts and be ready to continue taking classes that will challenge her/him. The following guidelines apply:

1. **Credit for a class may only be earned once.**

2. **Once a higher-level class has been taken, this option will not be available.**

3. **Both grades will remain on the transcript, but only the higher grade will be calculated in the GPA.**

4. **The following classes are NOT eligible for the retake option: AP, Band, Choir, PE, PSEO, Study Skills.**

***NOTE: This form is for grade improvement in a class that was previously PASSED. If you are retaking a class because of failure, this form does not need to be filled out.**

Student's Name _____ Date _____

Selected Course To Retake _____

School Year Originally Taken _____

Term (circle) 1 2 Term (circle) 3 4

Grade Earned _____ Grade Earned _____

Student's Signature _____

Parent's Signature _____

Counselor's Signature _____

Principal's Signature _____

EARLY GRADUATION

It is Nevada High School's goal to make every possible opportunity available to our students. Because of this increased flexibility, some students may choose to graduate early. For this to be an option, the following steps must be followed:

1. Initial meeting with the academic counselor Mr. Baker.

2. Meeting or phone conference with the parents/guardians, Mr. Baker, and Mr. Asmus.

3. The student must submit a typewritten letter addressed to the Nevada School Board outlining why they are requesting to graduate early and what their plans are for the future. This letter should be at least 2 paragraphs long, using proper sentence and letter structure. **The letter must be submitted to Mr. Baker, along with this form, within the <u>first five days</u> of the term he/she plans to graduate.**

I, (Printed Name) _____, request permission to complete requirements for graduation at the end of the term indicated below.

End of Junior Year _____ Term 1 _____ Term 2 _____ Term 3 _____

I understand that I must adhere to the following requirements and regulations:

1. The student will be required to meet all graduation requirements as specified by the School Board Policy of the Nevada Community School District.

2. The student's final class rank will be determined when his/her graduating class completes its 16th term.

3. The student will be considered alumni. Therefore, he/she will not be permitted to participate in any extra-curricular activities following the completion of graduation requirements. The student, however, will be allowed to participate in prom and graduation upon request.

_____	_____
Student's Signature Date	Counselor's Signature Date
_____	_____
Parent's Signature Date	Principal's Signature Date

***The student must notify the principal by the end of Term 3 if he/she plans to participate in graduation exercises.**

I plan to participate in graduation exercises: Yes No

ACTIVITIES

Fall	Winter	Spring	Summer
Cheerleading	Basketball (B/G)	Golf (B/G)	Baseball
Coed Drill Team	Cheerleading	Musical	Softball
Cross Country (B/G)	Coed Drill Team	Soccer (B/G)	
Football	Individual Speech	Track (B/G)	
Large Group Speech	Wrestling		
Play			
Volleyball			

CO-CURRICULAR CLASSES/ACTIVITIES

Cub TV
Flag Line/Color Guard
Instrumental Music (Band)
Jazz Band/Jazz Combo
Marching Band
Select Choir
Sports Management
Vocal Music (Concert Choir/Singers)

CLUBS AND ORGANIZATIONS

FCA (Fellowship of Christian Athletes)
FFA (Future For Agriculture)
GRIP Mentoring
IT Club
Junior Cub Club
Junior Rotarians
Key Club (Kiwanis)
Cub Colors
National Honor Society
RSVP
Spanish Club
Speech Club
Student Ambassadors
Student Council
Trap Shooting
First Tech Challenge (FTC)

Nevada High School

HIGH SCHOOL FOUR-YEAR PLANNER

52 Credits Needed For Graduation

Student Name _____ Grad Year _____ Date _____

LANGUAGE ARTS

(minimum 8 credits needed to graduate)

Class name	Credits For Class	Grade Level Taken In

MATHEMATICS

(minimum 6 credits needed to graduate)

Class name	Credits For Class	Grade Level Taken In

SCIENCE

(minimum 6 credits needed to graduate)

Class name	Credits For Class	Grade Level Taken In

SOCIAL STUDIES

(minimum 6 credits needed to graduate)

Class name	Credits For Class	Grade Level Taken In

PHYSICAL EDUCATION

(minimum 4 credits needed to graduate)

Class name	Credits For Class	Grade Level Taken In

FINANCIAL LITERACY

(minimum 1 credit needed to graduate)

Class name	Credits For Class	Grade Level Taken In
Financial Literacy	1	12th

FINE ARTS/VOCATIONAL/FOREIGN LANGUAGE/ELECTIVES

(minimum 21 credits needed to graduate)

Class name	Credits For Class	Grade Level Taken In

HIGH SCHOOL RESUME

Student _____ Year of Graduation _____

It is a good idea to keep a record of your activities, jobs, community service hours, awards, etc. that you accumulate while you are in high school. Each year use the template below to help you do this. Then, by your Junior and Senior years, when you are applying for various jobs, colleges, and scholarships, the information will be readily available.

School Year: _____ - _____ Grade: _____

CLUBS/ACTIVITIES

Name	Position held	Awards/Recognition

COMMUNITY/VOLUNTEER SERVICE

Organization Name	# Hours	Dates

ATHLETICS

Sport	Position	Awards/Recognition

EMPLOYMENT

Dates	Employer Name	Position	Hours/week

OTHER AWARDS, HONORS, or RECOGNITIONS

Organization Name	Awards/Recognition

OTHER

_____

Honors & Advanced Placement Courses

Honors

Qualifying Nevada High School students have the opportunity to enroll in several Honors-level courses for the school year. Honors courses will be offered in the areas of *Honors English 9, Honors Biology, Honors Chemistry, Honors Calculus, Honors Psychology, and Honors Anatomy & Physiology*. A student in an Honors course will be in a more demanding classroom, therefore held to a higher standard. Honors courses are taught at a faster pace, with a rigorous curriculum, including more homework outside of class.

An Honors course would be appropriate for the college-bound student who excels in one of the above subject areas. For instance if a student is strong in English, he/she should consider *Honors English 9*. If he/she does well, they may consider working towards the qualifications for *Advanced Placement Literature and Composition* in Grade 12. Similarly a strong science student could choose *Honors Biology* or *Honors Chemistry*, and a strong history student could lead to *Advanced Placement U.S. History* in Grade 11 and *Advanced Placement Government* in Grade 12.

Advanced Placement

Advanced Placement (AP) courses involve college-level curriculum offered to 11th and 12th graders who have completed prerequisites for a specific course. The AP course is taught at a college-level pace during the regular school year, culminating in the student taking the College Board AP Exam in May. With a score of three or better on the AP Exam (exams are scored on a 1 to 5 scale), a student could qualify for college credit at post-secondary institutions. Studies show that AP students are three times as likely to graduate from college because they have stronger study skills and time management.

Nevada High School offers AP courses in two forms: online and classroom. An online AP course is taught through the statewide virtual high school, under the supervision of Dr. Ludwig, while a NHS faculty member teaches a classroom AP course. Next school year, NHS faculty members will teach *AP Literature and Composition* (two terms), *AP U.S. History* (two terms), *AP U.S. Government & Politics* (two terms) and *AP Spanish* (two terms). See the course description for more information and prerequisites. Yearlong online courses (four terms) are *AP Calculus*, *AP Statistics*, and *AP Language and Composition*. The semester online courses (two terms) are *AP Microeconomics*, *AP Macroeconomics*, and *AP Psychology* and are offered second semester only.

<u>Note</u>: Regardless of NHS credit awarded, post-secondary institutions will only recognize a semester AP course as ½ year and yearlong AP course as 1 year of coursework within a subject area to fulfill admission requirements.

***If you have questions regarding which Honors or AP courses would be appropriate, please see Mr. Baker or Dr. Ludwig.**

NEVADA HIGH SCHOOL

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COURSE CONTRACT

Nevada High School is pleased to be able to offer its students the opportunity to take NHS, online, or college courses taught at a level of rigor that goes above and beyond what is taught in a regular course. However, because these courses are taught at a much more rigorous level, and because most of them have college credit attached, it is very important that the students and parents understand and acknowledge the following:

- Students are responsible for providing their own transportation to and from the site of the course, if applicable.
- Books are paid for (and must be returned), but students are responsible for any additional supply or exam fees that may be associated with the course.
- Courses offered for college credit will follow the schedule of the host site (i.e. ISU, DMACC), including inclement weather issues. Some host sites have very strict attendance guidelines. The dates for these courses will follow the college's academic calendar, so the course may begin or end earlier or later than NHS classes.
- Students who wish to have "open campus" after the completion of the class will have to meet certain requirements and fill out and return a separate form.
- If a student is dropped from a course for any reason, they will be restricted to stay at NHS during that assigned time and will be scheduled in an NHS class at the beginning of the next term.
- In order for the student to be enrolled in a college or online class, the student must complete and sign any necessary paperwork (including this contract), be proficient on the Iowa Assessments, and meet all prerequisites for the college and course. *Note: Students taking DMACC online classes **must** take the "Online Readiness Self Assessment".*
- For students taking an online or a college course, both the student and a parent/guardian must attend a mandatory Info Night that will be set-up by Nevada High School in the Spring.
- Students who chose to take an Honors or AP class taught by NHS staff acknowledge that the class will be rigorous and agree to complete the class in its entirety.
- ***Note: For every 3-credit college class, a student is expected to study outside of class for at least 6-9 hours a week.***
- ***All final grades earned will be entered on the student's high school transcript and calculated into their NHS GPA and Class Rank, even If a student drops or fails to successfully complete a course with a passing grade. This also includes a student being removed for behavioral concerns or absences.***

Student Name _____ Current Grade _____ School Year _____

Please list the course(s) you are requesting to take:

Advanced Placement _____
DMACC Career Academy _____
DMACC (including online) _____
Dual Credit (DC) _____
Honors _____
Iowa Learning Online _____
ISU _____

By signing this contract, the student and parent acknowledge that they have read all of the information/guidelines above regarding these types of courses, including that all final grades are entered on the student's high school transcript and calculated in their NHS GPA and Class Rank:

Student Signature _____ Date _____

Parent Signature _____ Date _____

FINE ARTS - ART

DRAWING AND PAINTING I - 210200
Elective Course
Period Offerings: Skinny; 1 semester; 1 credit

Drawing and Painting is an exploratory class covering drawing and painting in all media. Emphasis in this course will be placed on drawing, watercolor, tempera painting, and acrylic painting and art history.

DRAWING AND PAINTING II - 210210
Elective Course
Period Offerings: Skinny; 1 semester; 1 credit
Recommended: Drawing and Painting I

This course is offered to students who are interested in improving their drawing and painting after having had Drawing and Painting I. It involves a maximum of individualized and independent study and more complicated materials and subject matter.

DRAWING II DC - 210215
Elective Course
Period Offerings: Skinny; 1 semester; 1 credit
DMACC Dual Credit, ART 133
Recommended: Drawing and Painting I
See pages 9-11 for Guidelines

Students can further explore drawing through the Drawing II course, concurrent with DMACC Art 133, Fundamentals of Drawing. This course will use a studio lab study to learn the tools and techniques of drawing. Emphasis will be on still life, gesture, contour, shape, plane, volume and value/tonal techniques. Basic drawings skills will be in pencil, charcoal and eraser. Elements of design will be emphasized in a series of drawings students will master; these will include but are not limited to, positive/negative shape, light/dark, repetition, value/tone and perspective.

PAINTING II DC - 210216
Elective Course
Period Offerings: Skinny; 1 semester; 1 credit
DMACC Dual Credit, ART 143
Recommended: Drawing and Painting I
See pages 9-11 for Guidelines

Students may consider a Painting II course, with concurrent DMACC course, Fundamentals of Painting, Art 143. This course will be a studio-based course that emphasizes still life, landscape and individual composition. The student will be expected to apply media with skill, intention and confidence in their art works. The student will conceive and create paintings that demonstrate an understanding of how to communicate their ideas through various media. The student will also initiate and solve challenging painting problems use intellectual skills such as analysis, synthesis and evaluation. This will result in a minimum of six paintings that demonstrate a varied high level of ability.

FINE ARTS - ART

CERAMICS I DC - 210300
Elective Course
Period Offerings: Skinny; 1 semester; 1 credit
DMACC Dual Credit, ART 173
See pages 9-11 for Guidelines

The emphasis will be placed on originality and the correct procedure in producing the desired project. This craft is actually the best way to get students interested in art by making different projects and exploring what has already been done. Also, this craft will stimulate the students' imaginations, and they may experience the great feeling of working with clay. The experience with clay is unlimited in creativity.

CERAMICS II DC - 210315
Elective Course
Period Offerings: Skinny; 1 semester; 1 credit
DMACC Dual Credit, ART 174
Recommended: Ceramics I DC or Ceramics II
See pages 9-11 for Guidelines

Students may consider taking Ceramics II as a DMACC concurrent course, Art 174. The student will learn fundamental techniques of hand building and wheel-throwing. The student will study concepts of ceramic art history and connect to cultures' use of ceramics. The student will need to work positively in a studio atmosphere, create ceramic art, work well with others and articulate their craft though conversational ceramic vocabulary.

SCULPTURE I - 210400
Elective Course
Period Offerings: Skinny; 1 semester; 1 credit

Sculpture deals with the use of clay, plaster, found objects, wax, wire, string and wood. Students taking this course will design small figures out of clay, geometric shapes out of string and Plexiglas, abstract shapes from wood, human heads out of clay and realistic forms from wire and wax. Sculpture I is also the study of past and present sculpture with emphasis on light, space, form, texture and mass.

SCULPTURE II - 210410
Elective Course
Period Offerings: Skinny; 1 semester; 1 credit
Recommended: Sculpture I

This course is offered to students who are interested in improving their sculpture skills. It involves a maximum of individualized and independent study and more complicated materials and subject material.

FINE ARTS - ART

ADAPTIVE ART/PE - 260300
Elective Course
Period Offerings: Skinny; 1 Semester; 1 Credit

This course offers students with temporary or permanent disabilities as well as students with health concerns/problems the opportunity to showcase their individuality through creative expression through the content areas of Physical Education and Art. The course will focus on providing an enjoyable experience for our students where they can explore their emotions, their five senses, and their range of abilities through creative steps while providing the tools at an individual level to live a healthy and active life.

FINE ARTS – MUSIC

INSTRUMENTAL MUSIC - 250100
Elective Course
Period Offerings: Skinny; 2 Semesters; 2 credits

High School instrumental music activities are quite varied. The Marching Band meets during term one for anyone not involved in varsity football. Performances include every home football game and local parades. During term two, three and four the band focuses on Concert Band for grades 9-12. Each band meets daily and performs numerous times during the year. Lessons are required throughout the year. Playing tests are given to everyone at least twice a term for grading purposes. Small groups and soloists are organized to perform both at local events and state contests. Pep Band attendance for home football games and basketball games is also an expectation of this class.

JAZZ BAND - 250130
Elective Course
Period Offerings: 7:10am 2x per week; Entire Year; .50 Credits
Recommended: Must currently be enrolled in Instrumental Music

Jazz Band is a group that meets throughout the school year at 7:30 a.m. twice a week. Students interested in Jazz Band audition at the beginning of the year. If there is sufficient interest, a second Jazz Band will be arranged. Numerous performances are in store for a member of the Jazz Band, including homecoming coronation, two jazz night concerts and local ceremonies.

MUSIC THEORY - 250310
Elective Offerings
Period Offering: Blocked; 1 Term; 1 Credit

In-depth study of how music functions are the goal of this course. Students will learn basic information about music writing, harmonic structure and the function of chords in music composition. The class is arranged on an independent basis with weekly assignments and tests being given.

BEGINNING GUITAR - 250150
Elective Course
Period Offerings: Skinny; 1 Semester; 1 Credit

Beginning guitar is a one-semester course for beginning guitarists. The course is designed to give a musical introduction to playing the acoustic guitar. Through in-class instruction, individual practice, and playing assignments, the student will advance in their understanding of music. The daily objective of the course is to foster and promote musical growth through the playing of an instrument. The overall objective is to provide the student with the introductory knowledge on the guitar to be able to continue playing after the course has ended.

INTERMEDIATE GUITAR - 250155
Elective Course
Period Offerings: Skinny; 1 Semester; 1 Credit

Intermediate guitar is a one-semester course for students with at least one semester of guitar practice. The course is designed to give a more in-depth experience of playing the acoustic guitar and music theory. Through in-class instruction, individual practice, and playing assignments, the student will advance in their understanding of music. The daily objective of the course is to foster and promote musical growth through the playing of an instrument. The overall objective is to provide the student with knowledge on the guitar to be able to continue playing after the course has ended.

FINE ARTS – MUSIC

GOLD CHOIR - 250250
Elective Course
Period Offerings: Skinny; 2 Semesters; 2 Credits

This is a year-long course that explores choral music from a wide variety of cultures and time periods through study and performance. The core curriculum emphasizes the basics of vocal technique, sight-reading, music theory, and music history. Students are expected to participate in one evening concert each quarter as a major part of their grade as well as other performance opportunities that arise throughout the year.

PURPLE CHOIR - 250240
Elective Course
Period Offerings: Skinny; 2 Semesters; 2 Credits

This is a year-long, upper-level performance opportunity offered to experienced music students who are accomplished in vocal performance. Students will continue to develop vocal technique and musicianship as well as develop critical thinking skills through the analysis of musical elements, including form and text. Students are expected to participate in one evening concert each quarter as a major part of their grade as well as other performance opportunities that arise throughout the year.

SELECT CHOIR - 250220
Elective Course
Period Offerings: Outside of school day

Select Choir is open by audition to students in grades 9-12. The students involved must be members of Vocal Music that meets during the school day. This group performs a variety of music literature. Performances include concerts at school, in the community, as well as participation in contests, festivals, and trips. Rehearsals occur outside of the school day, and part of the grade is based on attendance.

CLASSICAL MUSIC APPRECIATION - 250320
Elective Course
Period Offerings: Skinny; 1 Semester; 1 Credit

This course is designed to acquaint students with the elements of music and the primary musical period of traditional Western European classical music. Students will have brief overview of the major composers and their music as well as concepts and techniques in classical music and music listening.

MODERN MUSIC APPRECIATION - 250320
Elective Course
Period Offerings: Skinny; 1 Semester; 1 Credit

This course is designed to acquaint students with the elements of music and the primary musical periods of contemporary music, ragtime, blues, jazz, and rock and roll. Students will have a brief overview of the major composers and their music as well as learn about the concepts and techniques in music and music listening.

LANGUAGE ARTS

ENGLISH PREP - 100105
Elective Course
Period Offerings: Skinny; 1 Semester; 1 credit; **(This course will only be offered in the Fall)**
This course uses 9th/10th grade Iowa Core Standards

English Prep is a course designed to help freshmen develop a solid foundation in reading and/or writing before taking English 9. Students will be selected through teacher recommendation.

****This course does not count towards the REI or meet Regent University Admission Requirements***

ENGLISH 9 - 100100
Required Course
Period Offerings: Blocked; 2 Terms; 2 Credits
This course uses 9th/10th grade Iowa Core Standards

English 9 is designed to prepare students for the 10-12 English curriculums and provide them with the knowledge and skills they will need to be successful after high school. Literature studied includes short stories, poetry, nonfiction essays, *Romeo and Juliet*, *To Kill a Mockingbird*, and novels of choice. Writing instruction is designed to prepare students for the types of writing necessary in high school, college, and the workplace. Types of writing covered include literary/character analysis, journaling, research writing, and thesis papers.

HONORS ENGLISH 9 - 100120
Elective Course
Period Offerings: Blocked; 2 Terms; 2 Credits
See pages 19-20 for Requirements and Contract
This course uses 9th/10th grade Iowa Core Standards

Honors 9 will be a rigorous class with daily homework. Literature studied will include *Romeo and Juliet*, *To Kill a Mockingbir*d, *the Odyssey*, *1984*, *and Macbeth* along with short stories and poetry. The class will also provide students with the building blocks of writing necessary for future classes. Academic writing will have an emphasis. This course will prepare student for future high school courses along with college prep and pre-AP. Vocabulary, literary terms, time management, and study skills will also be highlighted. Once a student starts the class, he/she will not be allowed to change to an English 9 class.

LANGUAGE ARTS

WRITTEN COMMUNICATION - 100200
Required Course
Period Offerings: Blocked; 2 Terms; 2 Credits
Recommended: English 9 or Honors English 9
This course uses 9th/10th grade Iowa Core Standards

Written Communication builds on writing skills learned in English 9 to further prepare students for 11th/12th grade writing standards/courses and success after high school. Areas of study include descriptive, argumentative, and research writing as well as fundamentals of writing, grammar, and vocabulary

ESSENTIALS OF SPEECH COMMUNICATION - 1005000
Required Course
Period Offerings: Skinny; 1 semester; 1 credit
Recommended: English 9 or Honors English 9
This course uses 9th/10th grade Iowa Core Standards

In alignment with the speaking and listening standards of the Iowa Core, students will learn the fundamental skills of speaking and listening needed in the classroom setting as well as beyond high school. This class provides students with opportunities to gain confidence and experience using these skills in a variety of contexts including evaluating sources of information used in a persuasive speech, conducting interviews, debating an issue, and presenting information to an audience.

LANGUAGE ARTS

11th/12th grades: must take one Literature Credit, one Writing Credit, and one additional English Elective Credit of your choice

LITERATURE COURSES:

<u>EARLY AMERICAN LITERATURE (1400s-1865)</u> - 100310
Elective Course
Period Offerings: Blocked; 1 Term; 1 Literature Credit
Recommended: Written Communication
This course uses 11th/12th grade Iowa Core Standards

Early American Literature is a course for students who are interested in learning about the literature of their country from its Native American origins through the time of the Civil War. The novel *The Scarlet Letter*, poems, biographies, short stories, and foundational speeches and documents by authors, poets, and historical figures such as Hawthorne, Poe, Benjamin Franklin, and Thomas Jefferson are covered. The major writing component is the essay response as a form of thematic and literary analysis. Elements of this course include the study of U.S. history.

<u>MODERN AMERICAN LITERATURE (1865-1950s)</u> - 100320
Elective Course
Period Offerings: Blocked; 1 Term; 1 Literature Credit
Recommended: Written Communication
This course uses 11th/12th grade Iowa Core Standards

Modern American Literature is a course for students who are interested in reading literature from the time period following the Civil War up to the 1950s. Students will read and study works including short stories, poems, biographies, speeches, and informational documents. In addition, larger reading assignments will include *O Pioneers!* by Willa Cather, *Cannery Row* by John Steinbeck, *The Great Gatsby* by F. Scott Fitzgerald, *Superman versus the Ku Klux Klan* by Rick Bowers, and *A Raisin in the Sun* Lorraine Hansberry. The major writing component is an extended definition essay. Elements of this course include the study of U.S. history.

<u>CONTEMPORARY AMERICAN LITERATURE (1960s-2010s)</u> – 100325
Elective Course
Period Offerings: Blocked; 1 Term; 1 Literature Credit
Recommended: Written Communication
This course uses 11th/12th grade Iowa Core Standards

Contemporary American Literature is a course for students who are interested in reading literature from the time period of the 1960s up to present day. Students will read and study works including short stories, poems, biographies, speeches, and informational documents. In addition, larger reading assignments will include *Fortunate Son* by Lewis B. Puller, Jr.; *Miss Evers' Boys* by David Feldshuh; and *Divergent* by Veronica Roth. The major writing component is a multi-genre project. Elements of this course include the study of U.S. history.

LANGUAGE ARTS

11th/12th grades: must take one Literature Credit, one Writing Credit, and one additional English Elective Credit of your choice.

LITERATURE COURSES:

WESTERN LITERATURE - 100340
Elective Course
Period Offerings: Blocked; 1 Term; 1 Literature Credit
Recommended: Written Communication
This course uses 11th/12th grade Iowa Core Standards

Western Literature is a challenging course for college-bound students who exhibit strong writing and thinking skills in relation to literature analysis. Units include Anglo-Saxon, Middle Ages, Renaissance, Romantic, and Modern British literature. A unit on World War II focused literature and genocide is also included.

EASTERN LITERATURE - 100330
Elective Course
Period Offerings: Blocked; 1 Term; 1 Literature Credit
Recommended: Written Communication
This course uses 11th/12th grade Iowa Core Standards

World Literature is a challenging course for college-bound students who exhibit strong writing and thinking skills in relation to literature will be analyzed. This course will cover Greek and Roman classics, and literature from the Middle East, India, China, Japan, Africa, Americas, and Europe. Philosophy, mythology, culture, and religion all in relationship to literature will be examined.

POETRY - 100380
Elective Course
Period Offerings: Skinny; 1 Semester; 1 Literature Credit
Recommended: Written Communication
This course uses 11th/12th grade Iowa Core Standards

Poetry is a course for students who are curious about and enjoy poetry. We'll be reading a variety of poetry from the 7th century up to present day to help students understand what sets poetry apart from other types of writing, how poets use different poetic techniques to achieve different effects, how poetry has changed over the years, how poetry reflects the history and culture of the time, and how poetry influences an audience. The major writing component is a poetry analysis paper.

SHAKESPEARE - 100370
Elective Course
Period Offerings: Blocked; 1 Term; 1 Literature Credit
Recommended: Written Communication
This course uses 11th/12th grade Iowa Core Standards

Shakespeare is a course for those who enjoy reading the works of William Shakespeare. We will spend some time examining the life and times of Shakespeare and his impact on the English language and Western culture. We will also examine and analyze works from the different genres in which Shakespeare wrote which include the following: sonnets, long poems, historical plays, comedic plays, and tragic plays. The major writing component is an abridgement of a Shakespearean work.

LANGUAGE ARTS

AP ENGLISH LITERATURE AND COMPOSITION DC – 100910
Elective Course
Period Offerings: Blocked; 2 Terms; 1 Literature Credit & 1 Elective Credit
DMACC Dual Credit, LIT 101; 3 DMACC Credits
Recommended: College Prep Composition or AP English Language and Composition DC
See pages 9-11 for Guidelines

Students immerse themselves in novels, plays, poems, and short stories from various periods. Students will read and write daily, using a variety of multimedia and interactive activities, interpretive writing assignments, and class discussions to assess and improve their skills and knowledge. The equivalent of an introductory college-level survey class, this course prepares students for the AP Exam.

LANGUAGE ARTS

WRITING COURSES:

COMPOSITION - 100410
Elective Course
Period Offerings: Skinny; 1 Semester; 1 Writing Credit
Recommended: Written Communication
This course uses 11th/12th grade Iowa Core Standards

This course is intended for students who are not going to move on in writing, but need some basic skills to help them in writing for the duration of high school as well as beyond high school in the work setting. The focus of writing is on real world situations. In this course, students will cover the six purposes of writing (reflective/descriptive, informative, evaluative, exploration, analysis, and persuasion) and how they are used in various situations. Students will also cover business writing in the form of a resume and application letter.

COMPOSITION: PRE-COLLEGE PREP - 100415
Elective Course
Period Offerings: Skinny; 1 Semester; 1 Writing Credit
Recommended: Written Communication
This course uses 11th/12th grade Iowa Core Standards

This course is intended for juniors who are planning to take College Prep Composition as a senior but need more practice in writing before they take that higher level. This course is taught in conjunction with Composition and will have many of the same expectations and writing assignments (see above). However, Composition: Pre-College Prep will have additional requirements in order to help students improve the skills they need in order to be ready for the higher level writing class and college.

COLLEGE PREP COMPOSITION I - 100430
Elective Course
Period Offerings: Blocked; 1 Term; 1 Writing Credit
Recommended: Written Communication
This course uses 11th/12th grade Iowa Core Standards

College Prep Composition is strongly recommended for students who need to prepare for the level of proficiency required at colleges and universities. Students will have a large emphasis on writing structure, independent thinking, and problem solving skills. Formal academic MLA style of writing will be required. Topics covered are literary analysis, argumentation, extended definition, research paper, timed college essays, and literature-based essays.

COLLEGE PREP COMPOSITION I DC - 100435
Elective Course
Period Offerings: Blocked; 1 Term; 1 Writing Credit
DMACC Dual Credit, ENG 105
Recommended: Written Communication
See pages 9-11 for Guidelines
This course uses 11th/12th grade Iowa Core Standards as well as DMACC competencies

This course introduces students to college writing; students will construct and revise a series of writings; primarily expository but not excluding persuasive. Students will practice effective reading and research techniques that may include library and computer-based research skills.

LANGUAGE ARTS

ELECTIVE COURSES (11th & 12th Grade):

COLLEGE PREP COMPOSITION II DC - 100440
Elective Course
Period Offerings: Blocked; 1 Term; 1 Writing Credit
DMACC Dual Credit, ENG 106
Recommended: College Prep Composition or College Prep Composition DC
See pages 9-11 for Guidelines
This course uses 11th/12th grade Iowa Core Standards as well as DMACC competencies

College Prep Composition II DC is designed for students who have already taken College Prep Composition yet would like to continue to grow as academic writers to prepare themselves for college level writing; this independent course will strengthen a student's ability to write independently. Students will write argumentative papers with a variety of sources used as evidence.

AP ENGLISH LANGUAGE AND COMPOSITION DC - 100900
Elective Course
Period Offerings: Blocked; 2 Terms; 2 Writing Credits
DMACC Dual Credits, ENG 105 & ENG 106
Recommended: Written
See pages 9-11 for Guidelines

Students read works from a variety of authors, exploring language, including syntax, imitation, word choice, and tone. They'll also learn about their own composition style and process, starting with exploration, planning, and writing, and continuing through editing, peer review, rewriting, polishing, and applying what they learn in many contexts. The equivalent of an introductory college-level survey class, this course prepares students for the AP Exam.

CREATIVE WRITING - 100420
Elective Course
Period Offerings: Blocked; 1 Term; 1 Writing Credit
Recommended: Written Communication AND Juniors & Seniors
This course uses 11th/12th grade standards

Creative Writing is an elective designed for self-motivated students who especially enjoy writing, have experienced success in prior writing classes, and are interested in writing as a form of self-expression. Extensive, reflective daily journals will serve as a springboard for many writing projects; students will write two to three papers per week. Forms of writing include journals, short stories, personal narratives, scene/sketch writing, and topical essays. Students who take Creative Writing should already have a good understanding of the fundamentals of language and grammar. Final grade is earned by submission of a portfolio containing the student's body of work from the entire term, so the ability to self-pace and use time well is a must.

***Creative Writing counts as an elective credit, not as the required writing credit for graduation.**

LANGUAGE ARTS

ELECTIVE COURSES (11th & 12th Grade):

ADVANCED CREATIVE WRITING - 100425
Elective Course
Period Offerings: Blocked; 1 Term; 1 Elective Credit
Recommended: Creative Writing **AND** Teacher Approval
This course uses 11th/12th grade standards that build on Creative Writing

Advanced Creative Writing is an independent elective course for self-motivated students who have completed Creative Writing but have a passion for expressing themselves through writing and desire to extend their knowledge and skills. Burroway's *Writing Fiction* serves as an anchor text for the class, as well as books about writing by well-known authors. Extensive daily reading and writing can be expected.

ADVANCED COMMUNICATION - 100525
Elective Course
Period Offerings: Blocked; 1 Term
Recommended: Oral Communication/Essentials of Speech Communication
This course uses 11th/12th grade Iowa Core Standards

Areas to be covered include after-dinner speaking, argumentation, oral interpretation, and public address. Students will look at how audiences and topics affect different communication situations including advertising, PSA, and the workforce. This course will also include improvisation and impromptu speaking. Students will use technology as an aid in creating final products. Students will have the opportunity to give speeches and presentations. Adapting communication for different audiences, evaluating industry-related literature, and basic business writing are emphasized.

EXPLORING CONCEPTS THROUGH LITERATURE DC – 100360
Elective Course
Period Offerings: Blocked; 1 Term; 1 Elective Credit
DMACC Dual Credit, LIT 101; 3 DMACC Credits
Recommended: World Literature or American Literature
See pages 9-11 for Guidelines
This course uses 11th/12th grade Iowa Core Standards as well as DMACC competencies

This independent study course is designed to give students the opportunity to read a wide range of literature, studying the concepts of humanity and inhumanity in each piece of literature read. Basic critical approaches are emphasized.

READING STRATEGIES - 100600
Elective Course
Period Offerings: Skinny; 1 Semester; 1 Credit
*This course is assigned to students who score below proficiency on the Reading section of the Iowa Assessments.

This is an 18-week co-taught reading course designed to help students learn reading strategies and skills focusing on fluency, vocabulary, and comprehension. Students are placed in this class if they do not meet proficiency (40th percentile or above) on the reading portion of the Iowa Assessments.

MATHEMATICS

ALGEBRA IA - 110200
Elective Course
Period Offerings: Skinny; 2 Semesters; 2 Credits
Departmental Recommendation

The purpose of the Algebra IA course is to increase the student's foundational math skills and prepare them for Algebra IB by covering a variety of topics. These topics include: properties of numbers, writing and solving equations, ratios and proportions, interpreting graphs, slope and linear equations. Problem solving is integrated throughout the course presenting real-life situations that require algebraic thinking and analysis. Activities help students connect algebra with the real world and everyday situations. Algebra 1A is a standards-based class and students will need to pass all standards to be successful.

ALGEBRA IB - 110210
Elective Course
Period Offerings: Skinny; 2 Semesters; 2 Credits
Departmental Recommendation

Algebra 1B is to be taken after Algebra 1A. In Algebra 1B we will cover a variety of topics. These topics include: inequalities, properties of exponents, exponential functions, quadratic functions and some basic statistics. Students will use problem solving to solve real world applications of topics that we cover. Students who take Algebra IA and Algebra IB will take Geometry as the subsequent math class. Algebra 1B is a standards-based class and students will need to pass all standards to be successful.

INTEGRATED MATH - 110250
Elective Course
Period Offerings: Skinny; 2 Semesters; 2 Credits

This course **WILL NOT** count towards college admission requirements for the Regent Universities. Students cannot enroll in the class **without permission** of the high school math teachers or Administration. This course is not intended for students who are college-bound. This course will cover some of the basic topics of Geometry, Algebra 2, and Probability and Statistics. It will be Standards Based Graded, and all covered standards must be passed by the end of each of the four terms. Integrated Math is a standards-based class and you will need to pass all standards in order to earn credit for Integrated Math**.**

ALGEBRA I - 110300
Elective Course
Period Offerings: Blocked; 2 Terms; 2 Credits **OR** Skinny; 2 Semesters; 2 Credits

Although problem solving is a focus throughout the math program, Algebra I begins the focus on pure mind stimulation. Students at this level learn to organize information in ways that sharpen their thinking skills and force them to see things in new ways. Reading and interpreting the problem is especially important for students at this level.

MATHEMATICS

GEOMETRY - 110400
Elective Course
Period Offerings: Blocked; 2 Terms; 2 Credits **OR** Skinny; 2 Semesters; 2 Credits
Recommended: Algebra I or Departmental Approval from Algebra IB

Geometry is a challenging course that builds on previous knowledge of Algebra I. It is a mixture of reasoning, of intuition, and of examples using various mathematical concepts to solve problems. Emphasis in the course includes geometric concepts such as angles, lines, proofs, congruence and similarity, and right triangle use, volumes and areas. Geometry is a standards-based class and you will need to pass all standards in order to earn credit for Geometry.

ALGEBRA II - 110500
Elective Course
Period Offerings: Blocked; 2 Terms; 2 Credits
Departmental Recommendation

Algebra II is a challenging course that will cover the following units of instruction:
Basic Review Information, Linear Equations, Quadratic Equations, Advanced Polynomials, and Logarithmic/Exponential Equations. We will be working with various types of application story problems and projects during the course of this class. Algebra II is a standards-based class and you will need to pass all standards in order to earn credit for Algebra II.

ADVANCED MATHEMATICS - 110510
Elective Course
Period Offering: Blocked; 2 Terms; 2 Credits
Departmental Recommendation

Advanced Math is preparation for the mathematics studies students will be expected to complete in their post high school educational program. Advanced Math requires higher-level thinking skills and focuses on practical applications and logical problem solving. Emphasis is on trigonometry, theory of equations, matrices, sequences, series, graphing, and other topics. Use of graphing technology is emphasized. This is not a standards-based grading class.

PROBABILITY AND STATISTICS - 110600
Elective Course
Period Offerings: Blocked; 2 Terms; 2 Credits
Recommended: Algebra II

Probability topics include permutations, combinations, independent and dependent events, and advanced probability distributions. Statistics topics include the use of graphs and plots to analyze data, using measures of central tendency, the normal distribution curve, sampling and surveys, hypothesis testing, and lines of best fit. We will also be using current events articles for discussion. Technology will be used for much of the mathematical work. Students will present an action research project of their choice at the end of the class. Probability and Statistics is a standards-based class and you will need to pass all standards in order to earn credit for Probability and Statistics.

MATHEMATICS

HONORS CALCULUS - 110700
Elective Course
Period Offerings: Blocked; 2 Terms; 2 Credits
Departmental Recommendation
See pages 19-20 for Requirements and Contract

Honors Calculus is a challenging course for the serious math students possessing excellent algebra skills. The course covers limits, derivatives, applications of derivatives, integrals, applications of integrals, and a variety of advanced level topics. Students will be working with problems, summarizing thinking with guided questions and completing several small application projects. This course prepares the student to compete with calculus students in college or allows the student to possibly pass out of first semester calculus in college. This class is not a standards based grading class

AP CALCULUS AB - 110900
Elective Course
Course Length: *Online Course*
Period Offerings: Blocked; 2 Semesters; 4 NHS Credits
Recommended: Honors Calculus AND AP Calculus pre-test
See pages 19-20 for Requirements and Contract

Students learn to understand change geometrically and visually (by studying graphs of curves), analytically (by studying and working with mathematical formulas), numerically (by seeing patterns in sets of numbers), and verbally. The equivalent of an introductory college-level calculus course, AP Calculus AB prepares students for the AP Exam.

AP STATISTICS - 110910
Elective Course
Course Length: *Online Course*
Period Offerings: Blocked; 2 Semesters; 4 NHS Credits
Recommended: Probability and Statistics AND AP Statistics pre-test
See pages 19-20 for Requirements and Contract

AP Statistics gives students hands-on experience collecting, analyzing, graphing, and interpreting real-world data. They'll learn to effectively design and analyze research studies by reviewing and evaluating real research examples taken from daily life. The equivalent of an introductory college-level course, AP Statistics prepares students for the AP Exam.

APPLIED MATH DC - 110750
Elective Course
Period Offerings: Blocked; 2 Terms; 2 Credits
DMACC Dual Credit, MAT 772
Recommended: Algebra I
See pages 9-11 for Guidelines

A course in elementary mathematical skills for technicians. Topics covered include fundamental operations with whole numbers, fractions, decimals and signed numbers; percent's; geometric figures and basic constructions; area and volume formulas; English/Metric systems; measurements; and the interpretation of graphs and charts. Successful completion of this course will meet the math requirement needed for certificates and diplomas in multiple DMACC programs.

INSTRUCTOR/ADMINISTRATIVE APPROVAL IS REQUIRED TO TAKE THIS COURSE

PHYSICAL EDUCATION

PE: TEAM SPORTS -260330
Required Course
Period Offerings: Period; 1 Semester; 1 Credit
Required Course

This course is a Physical Education class that looks to increase students' cardiovascular fitness and overall skills and enjoyment of sport. The class will play various individual and team sports most days along with cardio days and running tests throughout the semester. Games that will be played may include, but are not limited to, Kickball, Volleyball, Softball, Ultimate and Flag Football, Soccer, Handball/Speedball, Basketball, Floor Hockey, Pickleball, Badminton, Ultimate Frisbee, Horseshoes, Ping-Pong and Frisbee Golf. These sports will teach students the importance of physical activity and also cover all 5 of the National PE Standards.

PE: PERSONAL FITNESS - 260310
Required Course
Period Offerings: Period; 1 Semester; 1 Credit
Required Course

Students will increase their physical literacy knowledge while they strive to improve their physical fitness level in the five components of fitness: cardio-respiratory endurance, muscular strength, muscular endurance, body composition and flexibility by participating in various fitness activities. Lifetime physical fitness and literacy is our primary goal! Students will take an active role in the planning and execution of their workout programs and track their progress throughout the semester. This class will teach students the importance of physical activity and also cover all 5 of the National PE Standards.

PE: STRENGTH AND CONDITIONING - 260320
Required Course
Period Offerings: Blocked; 1 Term; 1 Credit **OR** Skinny; 1 Semester; 1 Credit
Required Course

This course is a Physical Education class that looks to develop a students understanding of strength training and work on their technique and performance of various lifts. This class will also have students work on their speed and agility as well as their cardiovascular fitness. All of the workouts done in the class will teach students the importance of physical activity and also cover all 5 of the National PE Standards.

WAIVERS:
All students must register for P.E. during registration. A waiver from P.E. may be granted by the principal for the following reasons: Medical, Academic, Religious, Athletic---Please see Mr. Baker or Mr. Asmus with questions regarding a waiver.

ADAPTIVE ART/PE - 260300
Elective Course
Period Offerings: Skinny; 1 Semester; 1 Credit
*Art/PE will meet every other day opposite of one another

This course offers students with temporary or permanent disabilities as well as students with health concerns/problems the opportunity to showcase their individuality through creative expression through the content areas of Physical Education and Art. The course will focus on providing an enjoyable experience for our students where they can explore their emotions, their five senses, and their range of abilities through creative steps while providing the tools at an individual level to live a healthy and active life.
This course will count towards PE graduation requirements

SCIENCE

INTEGRATED SCIENCE I (Earth/Envir) - 120100
Required Course
Period Offerings: Skinny; 1 Semester; 1 Credit

The specific content of Integrated Science courses varies, but they draw upon the principles of several scientific specialties, consistent with earth and environmental science standards outlined in the Next Generation Science Standards, and organize the material around thematic units. Common themes covered include systems, models, energy, patterns, change, and constancy. These courses use appropriate aspects from each specialty to investigate applications of the theme.

INTEGRATED SCIENCE II (Space/Phys) - 120110
Required Course
Period Offerings: Skinny; 1 Semester; 1 Credit

The specific content of Integrated Science courses varies, but they draw upon the principles of several scientific specialties, consistent with space and physical science standards outlined in the Next Generation Science Standards, and organize the material around thematic units. Common themes covered include systems, models, energy, patterns, change, and constancy. These courses use appropriate aspects from each specialty to investigate applications of the theme.

BIOLOGY - 120200
Required Course
Period Offerings: Blocked; 2 Terms; 2 Credits
Recommended: Integrated Science I and II

This course is designed to help students become more aware of the biological world around them, to help them understand how people are affected by the living world around us, and to help them understand the role that this subject matter plays in our society today and its importance in their future. Materials to be covered in this course include a study of cell biology, genetics, DNA technology, phylogeny, natural selection, and human biology. Special attention will be given to genetic diversity and DNA technology. Laboratory exercises will be done throughout the term to help students understand concepts.

HONORS BIOLOGY - 120210
Elective Course
Period Offerings: Blocked; 2 Terms; 2 Credits
Recommended: Integrated Science I and II
See pages 19-20 for Requirements and Contract

This course is designed to help students become more aware of the biological world around them, to help them understand how people are affected by the living world around us, and to help them understand the role that this subject matter plays in our society today and its importance in their future. Materials to be covered in this course include a study of cell biology, genetics, DNA technology, phylogeny, natural selection, and human biology. Special attention will be given to genetic diversity and DNA technology. This course will be lab and project intensive and will depend on scientific inquiry-based learning. Students will be responsible for completing most work outside of the classroom. Laboratory exercises will continually be done throughout the term to help students understand concepts.

SCIENCE

PRINCIPLES OF BIOLOGY - 120220
Elective Course
Period Offerings: Blocked; 2 Terms; 2 Credits
Recommended: Integrated Science AND Departmental Recommendation

This course uses a student-centered curriculum to explore ways in which biology is integrated into everyday lives, current trends in biology, issues in the media, and exploring bio-ethical issues. Units will emphasize major concepts such as cellular structure and metabolism, Homeostasis, change over time, and bacteria and viruses.

CHEMCOM - 120300
Elective Course
Period Offerings: Blocked; 2 Terms; 2 Credits
Recommended: Biology

ChemCom is a study of chemistry in the community. Although the majority of chemistry objectives will be discussed in the class, the objective is to integrate environmental, societal and political issues into the study of chemistry. Students will be required to complete group work, laboratory analysis and work individually to solve chemistry problems. Furthermore, students will be required to be actively involved in discussions about current trends in chemistry and the impact that science has on the world around us. Approximately 85% of the topics covered in "Chemistry" class will be covered in ChemCom as well.
****This course does not count towards the REI or meet Regent University Admission Requirements***

CHEMISTRY - 120310
Elective Course
Period Offerings: Blocked; 2 Terms; 2 Credits
Recommended: Biology and Algebra II

This class is designed to be lab-based studies of chemical concepts and to better prepare students for advanced studies in science. Lab work will be intensive; students will be required to call upon prior knowledge from classroom discussion to analyze data and solve chemistry problems involving mathematical concepts such as dimensional analysis. Students will work individually and collectively to develop laboratory procedures and skills to further enhance skills of observation, quantitative thinking, and analytical analysis. Topics of study include - history of the atom, chemical reactions, nuclear chemistry, energy in reactions, chemical structures, molecular models, stoichiometry, gas laws and acid-base chemistry.

HONORS CHEMISTRY - 120320
Elective Course
Period Offerings: Blocked; 2 Terms; 2 Credits
Recommended: Biology AND Algebra II
See pages 19-20 for Requirements and Contract

This course is designed to provide students a more analytical and in-depth study into chemistry. Honors Chemistry will include topics of study beyond the scope of regular study of chemistry such as: chemical kinetics, oxidation-reduction reactions, quantum theory, thermodynamics, and solution chemistry emphasizing equilibrium constants. This course will be very lab intensive and move through material at a faster pace than chemistry. Students will be required to work individually and collectively to solve higher-order chemistry problems, analyzing data and incorporating mathematical problem solving skills. Upon completion of Honors Chemistry students may attempt to take the AP Chemistry Test.

SCIENCE

HONORS ANATOMY AND PHYSIOLOGY - 120400
Elective Course
Period Offerings: Blocked; 2 Terms; 2 Credits
Recommended: Chemistry and Algebra II
See pages 19-20 for Requirements and Contract

This course offers an intensive study of human anatomy and physiology. The structure and function of all systems found in the human body will be studied as well as diseases and injuries that may occur. There will be considerably more detail in this course than the general biology course offers, and it is intended for students wishing additional study of human biology. Laboratory sessions will consist of dissections of specific organs and the fetal pig.

PHYSICS - 120500
Elective Course
Period Offerings: Blocked; 2 Terms; 2 Credits
Recommended: Chemistry, Biology, Advanced Math or Instructor Approval.

This course will be taught from a concept development approach, as well as mathematical. The course is designed to emphasize the student thought process more than memorization of facts. Student labs and teacher demonstrations will be used to develop the concepts and give the students a better understanding of the physical laws governing our everyday life. This course should increase the student's knowledge of physics and enhance their mathematical and critical thinking skills. Topics covered include motion (one and two dimensional, linear and rotational), Newton's laws, vectors, conservation laws of momentum and energy, properties of matter, heat, waves (mechanical, sound and light), electricity and magnetism. These subjects will be treated according to interest and time.

HEALTH SCIENCE, LIFESTYLE, & NUTRITION - 120700
Elective Course
Period Offering: Skinny; 1 Semester; 1 Credit

Explore the chemistry, physics, biology, and math of healthy living. Specific ideas or concepts to be covered and discussed include health awareness, nutrition, lifestyle, fitness, the science of food and the food industry, and personal habits to improve both physical and mental health.

ENVIRONMENTAL SCIENCE - 120600
Elective Course
Period Offerings: Blocked; 2 Terms; 2 Credits

A study of the relationship between living organisms and their environment. Different ecosystems and how organisms adapt to varying non-living conditions as well as interact with other living things are examined. Particular attention will be given to human influences on the environment such as pollution, resource needs and population growth. Labs, reports and presentations play a major role in the class.

SCIENCE

EARTH SCIENCE - 120100
Elective Course
Period Offerings: Blocked; 2 Terms; 2 Credits

Earth Science involves the scientific study of the non-living parts of the earth and universe. Areas of Geology, Astronomy, and Meteorology will be covered. In Geology, volcanoes, earthquakes, plate tectonics, rocks, minerals, and landforms are studied. The Meteorology section involves weather forecasting, storms, fronts, and atmosphere. In Astronomy, stars, galaxies, and other planets will be studied.

WORLD LANGUAGE

SPANISH I - 270300
Elective Course
Period Offerings: Blocked; 2 Terms; 2 Credits **OR** Skinny; 2 Semesters; 2 Credits

Spanish I is designed to build a foundation in language knowledge and culture. Students are exposed to a variety of topical and contextual vocabulary and grammar that focus on the development of listening, speaking, reading, and writing skills. Students will learn to give and respond to oral directions, ask and answer questions, and function in practical situations using the target language. Students will use various stories, novels, and supplements at an appropriate level for Spanish I students. This course is not designed for native Spanish speakers.

SPANISH II - 270320
Elective Course
Period Offerings: Skinny; 2 Semesters; 2 Credits
Recommended: Spanish I

Spanish II expands on the foundation in language knowledge and culture students gained in Spanish I. Students use various stories, novels, and supplements designed at a level for Spanish II students, and will learn more contextual vocabulary and grammar to further develop listening, speaking, reading, and writing skills. The focus will still be on building language to use in practical situations.

SPANISH III - 270340
Elective Course
Period Offerings: Skinny; 2 Semesters; 2 Credits
Recommended: Spanish II

Spanish III is designed to support meaningful self-expression and communication in Spanish. Students use various stories, novels, and supplements as the basics of vocabulary and grammar concepts from Spanish II and I are reinforced and expanded. Students should expect to hear authentic language and link Spanish with other disciplines, their community, and other cultures. Only Spanish will be used in this course.

SPANISH III DC - 270345
Elective Course
Period Offerings: Skinny; 2 Semesters; 2 NHS Credits
DMACC: FLS152 Elementary Spanish II-5 DMACC Credits)
See pages 9-11 for Guidelines

Emphasis is on the understanding and production of oral and written Spanish presented in culturally appropriate settings. The language learned is based on themes of everyday life. Students will be asked to engage in more complex conversations using the themes presented in the curriculum. Speech will be monitored for pronunciation and accent. Much class time is devoted to practicing speech. Only Spanish will be used in this course.

SPANISH IV - 270350
Elective Course
Period Offerings: Skinny; 2 Semesters; 2 Credits
Recommended: Spanish III

Spanish IV is a Spanish speaking only class with the goal to use and understand Spanish in a meaningful context. The emphasis of the class is on oral proficiency. Students use various stories, novels, and supplements to reinforce and expand on material from Spanish II, III, and I. Students should expect to hear and read authentic language and engage in discussions based on contemporary issues.

WORLD LANGUAGE

SPANISH IV DC - 270355
Elective Course
Period Offerings: Skinny; 2 Semesters; 2 Credits
DMACC Dual Credit, FLS 241
Recommended: Spanish III or Instructor Approval
See pages 9-11 for Guidelines

The primary goal of this course is a comprehensive review of the Spanish grammar introduced in Elementary Spanish with the goal of achieving a real working knowledge of this grammar in writing and speech. Comprehensible input will include short readings in Spanish literature, newspapers, film, web sites or other print or visual media. While serving to increase vocabulary and knowledge of grammar, these also serve as a source of cultural information. Only Spanish will be used in this course.

AP SPANISH LANGUAGE - 270910
Elective Course
Period Offerings: Skinny; 2 Semesters; 2 Credits
Recommended: Spanish IV or Instructor Approval
See pages 19-20 for Requirements and Contract

AP Spanish is intended for students who wish to develop advanced proficiency and integrate their language skills using authentic materials and sources. Students who enroll should already have attained reasonable intermediate high proficiency in using the language. The class is conducted primarily in Spanish and is equivalent to a third year college course in Advanced Spanish writing and conversation and is designed to provide students with opportunities to further improve their proficiency in interpersonal, interpretive, and presentational communication to prepare students to be successful on the AP Spanish Language and Culture Examination. Only Spanish will be used in this course.

HERITAGE SPANISH - 270400
Elective Course
Period Offerings: Blocked; 2 Terms; 2 Credits **OR** Skinny; 2 Semesters; 2 Credits
*Instructor Approval

Heritage Spanish is a two-term course designed to provide native language support and literacy to the already bilingual student. Students will use a variety of Spanish-language materials both print and audio/visual. Students will work primarily on reading and writing, building literacy skills, as well as learn specifics of grammatical structures. This course is not appropriate for students who do not use primarily Spanish in the home and is by interview or recommendation only.

SPANISH CULTURE AND CUISINE - 270410
Elective Course
Period Offerings: Skinny; 1 Semester; 1 Credit

Students will explore a variety of cultures and the history of food associated with each culture, including preparation. Emphasis in this class will be learning why cultures across the world eat what they do. Topics will include, but not be limited to, comparisons to American Cuisine, study of the culture's characteristics, eating habits, geography, history, and festivals.
This course does not meet the second language requirement for college admission.

SOCIAL STUDIES

GEOGRAPHY - 130100
Elective Course
Period Offerings: Blocked; 1 Term; 1 Credit **OR** Skinny; 1 Semester; 1 Credit
Recommended: Freshmen & Sophomores Only

This is an introductory class for students who are interested in the Social Studies field. World Regional Geography is for students who have a thirst for knowledge of the world's inhabitants and the general characteristics of various regions of the world. The eight regions are covered, country-by-country. A great deal of emphasis is placed on location, size, physical features, assets, and the problems of each country. Memorization through the association of ideas is a key focus of the course.

WORLD HISTORY - 130200
Required Course
Period Offerings: Blocked; 2 Terms; 2 Credits
Recommended: Sophomores, Juniors & Seniors Only

World History is a basic survey of Western Civilizations. This required course focuses on the key elements of history that have helped to shape our ideals as a nation. A sampling of units discussed are the Ancient Civilizations of Egypt, Greece, and Rome; the Middle Ages and birth of the Modern World; democratic revolutions in England and France; the new approaches to worker problems that arose from the Industrial Revolution; Imperialism; and the wars of the Twentieth Century. Current events awareness and geography skills are also emphasized.

US HISTORY - 130300
Required Course
Period Offerings: Blocked; 2 Terms; 2 Credits
Recommended: World History

US History is a course that examines Twentieth Century America in detail. Emphasis is placed on social and group skills, map skills, data gathering, decision-making, and cause and effect in understanding our American heritage. A focus is placed on learning to relate historical events to current events, with the role of cultural groups and minorities in our society receiving considerable emphasis.

GOVERNMENT - 130400
Required Course - Seniors
Period Offerings: Blocked; 1 Term; 1 Credit **OR** Skinny; 1 Semester; 1 Credit
Recommended: US History

Government is a required course that takes an in-depth look at the political system of the United States with emphasis on checks and balances, the three major branches of government, voting behavior, the constitution and the bill of rights. Current events and class discussions play a large role in the class.

SOCIAL STUDIES

GLOBAL INSIGHTS - 130500
Elective Course
Period Offerings: Blocked; 1 Term; 1 Credit
Recommended: Sophomores, Juniors & Seniors Only

This course is geared for students who are interested in experiencing world cultures. Through hands on activities, textbook readings, and discussion, students will have the opportunity to learn about the various cultures of our world. Areas of study include: Literature, music, food, art, and traditions of modernization.

ECONOMICS - 130510
Elective Course
Period Offerings: Blocked; 1 Term; 1 Credit
Recommended: World History

Economics is the study of human efforts to satisfy our seemingly unlimited wants.
It is concerned with the United States role in monetary affairs, supply and demand, consumer behavior, and gross domestic product. A major component of the class is an understanding of the stock market, monetary policy, and the Federal Reserve.

SOCIOLOGY - 130530
Elective Course (Required in 2020-21)
Period Offerings: Blocked; 1 Term; 1 Credit **OR** Skinny; 1 Semester; 1 Credit
Recommended: World History

Sociology is the study of people in groups. This class takes a look at such social issues as poverty, the family, crime, minorities, and the life cycle. Sociology is an engaging study of how people interact, react, and learn from other members of society. Social stratification, social class, roles, deviance, and culture are also major components of the course. This class is a college prep course that requires a paper and journals for successful completion

HONORS PSYCHOLOGY - 130520
Elective Course (Required in 2020-21)
Period Offerings: Blocked; 1 Term; 1 Credit **OR** Skinny; 1 Semester; 1 Credit
Recommended: US History
See pages 19-20 for Requirements and Contract

Honors Psychology is the study of the individual. Essentially, psychology looks at the behavior and mental processes of the individual. We will take an in-depth look at sensation, perception, memory, and psychological disorders and their treatment and human development. Additional high interest areas include: stress, dreams, and personality. This class is geared for students interested in higher thinking, who are not afraid to work for that understanding. This is an upper level, college prep course.

SOCIAL STUDIES

AP US HISTORY - 130900
Elective Course
Period Offerings: Skinny; 2 Semesters; 2 Credits
Recommended: World History
See pages 19-20 for Requirements and Contract

Students master historical knowledge and critical analysis, build reading, writing, communication skills, and discover how historical events have contributed to American culture. By the end of the course, students will be ready to put their factual knowledge to work by weighing evidence and interpreting problems presented by historians. The equivalent of an introductory college-level course, AP U.S. History prepares students for the AP Exam and for further study in history, political science, economics, sociology, and law.

AP US GOVERNMENT AND POLITICS - 130910
Elective Course
Period Offerings: Blocked; 2 Terms; 2 NHS Credits
Recommended: US History
See pages 19-20 for Requirements and Contract

Note: This is an advanced course in which the means of instruction will include: daily reading assignments of two college texts, technology based assignments, in class discussion, and exams.

AP US Government and Politics is the study of American politics, its Constitutional foundations, and the federal framework. Focus will be on politics, beliefs, and attitudes along with how they are formed and the way in which they shape the political process.

The course will also look at the institutions that link citizens to their government including political parties, elections, interest groups, and the mass media.
The course will also focus on one of the most frequently tested subjects on the AP exam: the structure, functions, and interactions of the three branches of the federal government. Basic outcomes of our political process, domestic and foreign policy will be evaluated. Finally, civil liberties and civil rights will be addressed.

AP MACROECONOMICS - 130920
Elective Course
Period Offerings: Blocked; 2 Terms; 2 NHS Credits
Online course
Recommended: Algebra II AND AP Microeconomics
See pages 19-20 for Requirements and Contract

Students learn why and how the world economy can change from month to month,
how to identify trends in our economy, and how to use those trends to develop performance measures and predictors of economic growth or decline. The equivalent of a 100-level college-level class, this course prepares students for the AP Exam.

SOCIAL STUDIES

AP MICROECONOMICS - 130930
Elective Course
Period Offerings: Blocked; 2 Terms; 2 NHS Credits
Online course
Recommended: Algebra I
See pages 19-20 for Requirements and Contract

Students investigate the behavior of individuals and businesses as they exchange goods and services in the marketplace. Students will learn why the same product costs different amounts at different stores, in different cities, and at different times. They'll also learn to spot patterns in economic behavior and how to use those patterns to explain buyer and seller behavior under different economic conditions. They equivalent of an introductory college level course, AP Microeconomics prepares students for the AP Exam.

AP PSYCHOLOGY - 130940
Elective Course
Period Offerings: Blocked; 2 Terms; 2 NHS Credits
Recommended: Juniors & Seniors Only
See pages 19-20 for Requirements and Contract

The AP Psychology course 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. Students taking this course will have a final national exam for college credit in May.

CAREER TECHNICAL ED - AG

ANIMAL SCIENCE I - 200100
Elective Course
Period Offerings: Blocked; 1 Term; 1 Credit

This course covers animal anatomy physiology, pre-veterinarian sciences, nutrition, reproduction, and genetics. Equine, and canine, and specialty animal production are covered also. Guest speakers, lab demonstrations, and numerous field trips compliment classroom activities.

ANIMAL SCIENCE II - 200110
Elective Course
Period Offerings: Blocked; 1 Term; 1 Credit

This course covers meat processing, meat cut identification, and animal production in cattle, swine, sheep, and poultry, dairy science, exotic animals, and wildlife management. Guest speakers, lab demonstrations, and numerous field trips compliment classroom activities.

HORTICULTURE AND PLANT SCIENCE I - 200200
Elective Course
Period Offerings: Blocked; 1 Term; 1 Credit

Today's horticulture industry is full of opportunities. Students will learn the fundamentals of plant morphology, identification, flower structure, soil science, growing media, propagation, plant pathology and biotechnological applications in the commercial sector. In addition, basic greenhouse management, temperature control, light quality, water quality and production of plants will utilize a new greenhouse. Learning will include self-directed plant production, classroom, field trips, guest speakers, and demonstrations

HORTICULTURE AND PLANT SCIENCE II - 200210
Elective Course
Period Offerings: Blocked; 1 Term; 1 Credit

Turf management and landscaping will be studied in this course. Identification of outdoor plants and trees will be included in the landscaping unit. In addition, greenhouse plant production will be included also for the appropriated season of plant production. Pest management and environmental control factors will be covered also.

NATURAL RESOURCES - 200300
Elective Course
Period Offerings: Blocked; 1 Term; 1 Credit

This course will cover topics in renewable energy, resource management, water quality, forestry, soil, land, prairie, and minerals. In addition, plant growth and production will include utilizing the greenhouse. Other topics will include outdoor recreation, property ownership and responsibilities, and entrepreneurship opportunities utilizing our natural resources.

CAREER TECHNICAL ED – AG

AG BUSINESS - 200310
Elective Course
Period Offerings: Skinny; 1 Semester; 1 Credit
Recommended: Animal Science I or II

This class will cover the Ag related business opportunities that are available today. Topics covered will be marketing, business law, advertising, contracts, entrepreneurship, commodity marketing, cash flow, financial analysis, record keeping, and customer service. Students will learn how to develop a quality sales presentation to prospective customers. Also there will be a unit on emerging technologies in global positioning systems, biotechnology, and interactive software. Instruction will include classroom, field trips, lab, student directed activities, and guest speakers.

SUPERVISED AG EXPERIENCE - 200510
Elective Course
Period Offerings: Skinny; 1 Semester; 1 Credit

All ag students and FFA members are required to have a Supervised Ag Experience, but in this class they can improve their record keeping, investigate expanded entrepreneurial opportunities for themselves, or research placement SAE opportunities. Instructor will monitor and evaluate student progress and provide support and guidance. The SAE may be agriculture science and, or research oriented in design. The SAE class will provide study of ag career opportunities and required education and skills needed. Instructor will provide information & guidance on various sectors of the ag industry. FFA provides both skill & leadership career development events for SAE related skill and knowledge development; therefore some class time may be used for development of skills and knowledge applicable in leadership & career skills development events. This course is recommended for upperclassman.

AG MECHANICS - 200400
Elective Course
Period Offerings: Blocked; 1 Semester; 2 Credits
Recommended: Sophomores, Juniors & Seniors Only

In this course, the student will study the mechanics of machines and systems that are used to produce, process, and transport Ag production and food products. Students will spend a majority of their time in actual "hands on" labs performing skill competencies needed for employment in this technical field.
DUE TO LAB SPACE AND AVAILABILITY OF EQUIPMENT, THIS COURSE IS LIMITED TO 15 STUDENTS

AG MECHANICS II - 200410
Elective Course
Period Offerings: Blocked; 1 Semester; 2 Credits
Recommended: Ag Mechanics

In this course, the student will further study the mechanics of machines and systems that are used to produce, process, and transport Ag production and food products. Students will spend a majority of their time in actual "hands on" labs performing skill competencies needed for employment in this technical field.
PRIOR APPROVAL FROM INSTRUCTOR REQUIRED

CAREER TECHNICAL ED - BUSINESS

ACCOUNTING - 220400
Elective Course
Period Offerings: Blocked; 2 Terms; 2 Credits

This course is designed to present the basic principles of recording financial information and the applications of the knowledge for personal use, skills for those who plan immediate entry into business, and a foundation for those who expect to pursue higher education in business. The concepts of specific terms, accounting forms, and procedures are presented to develop a broad understanding of the aspects involved with the processing of data.

ADVANCED ACCOUNTING - 220410
Elective Course
Period Offerings: Blocked; 2 Terms; 2 Credits
Recommended: Accounting

Advanced Accounting is offered to provide additional experience for students interested in pursing interests in the accounting or business fields. The course builds on the basics developed in Accounting I by going into greater detail on the concepts established. Computerized accounting will be incorporated in the materials discussed. Important life skills in their role of citizen, worker, or consumer.

BUSINESS LAW - 220420
Elective Course
Period Offerings: Blocked; 1 Term; 1 Credit

Business Law will provide students with a legal background covered by the Uniform Commercial Code. This course covers business-related crimes, torts, contracts, transfer of ownership, and risk of loss, warranties, agencies, commercial paper, bankruptcy, and bailment's. Business Law will help students understand one of our most important life skills in their role of citizen, worker, or consumer.

MARKETING - 220430
Elective Course
Period Offerings: Blocked; 1 Term; 1 Credit

Marketing will investigate the process of getting goods from where they are created and produced to where they are consumed. Introduction and exploration of the marketing mix (product, price, place, promotion, and people) will be the focal point of the course. Specific topics include consumer orientation, market research and segmentation, developing products, selection channels of distribution, personal selling, advertising, sales promotions, public relations, international marketing, and ethical and legal aspects of marketing. Students will be exposed to local marketing practices and theories.

CAREER TECHNICAL ED - BUSINESS

INTRO TO BUSINESS - 220440
Elective Course
Period Offerings: Blocked; 1 Term; 1 Credit

Introduction to Business is highly recommended for students planning a career in business and for students who desire to enroll in Accounting and other business-related courses. Introduction to Business will include an introduction to the world of business and help prepare students for the economic roles of consumer, worker, and citizen. This course will also serve as a background for other business courses taken in high school and in college, assist with consumer decision-making, and explore careers in the business sector.

BUSINESS INTERNSHIP - 220470
Elective Course
Period Offerings: Blocked; 1 Term; 1 Credit

Students will have the opportunity to participate in work experiences in fields related to business and marketing. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

IT – MEDIA TECH SUPPORT - 220500
Elective Course
Period Offerings: Blocked; 1 Semester; 2 Credits
Recommended: Juniors & Seniors Only

Students who are part of the tech team will learn how to set up, troubleshoot, image, and fix computers. They will also learn how to install different types of software, do some work with our internal network, and help with maintenance of desktops and laptops. Students will also explore and learn/test various types of software, websites, video, etc… that could possibly be used in classrooms for instructional purposes. We will be creating and maintaining documents and records through the use of excel, word, and ppt.

This class will only be offered 1 block per term, and will only have 1-2 students. This class is open to all students (juniors and seniors only), but they must have a working knowledge of computers, programs, troubleshooting, etc. Students selected for this class must be self-motivated, trustworthy, and sign a contract of confidentiality.
APPROVAL THROUGH INTERVIEW & TEACHER RECOMMENDATION

CAREER TECHNICAL ED - BUSINESS

SPORTS MANAGEMENT - 220600
Elective Course
Period Offerings: Blocked; 1 Term; 1 Credit
Recommended: Sophomores, Juniors & Seniors Only

This course emphasizes basic management principles as they relate to the business of sports. Students are introduced to sports marketing, sports supervision, sports media, sports management, and other related areas. There is an emphasis on developing and improving communication skills. Students will be expected to work with local businesses for advertising, as well as game day productions (video streaming, play-by-play, etc.).

Students will need to be self-motivated, because coursework for this class is on a more independent basis. Class time will depend on the events and tasks assigned.

INSTRUCTOR/ADMINISTRATIVE APPROVAL IS REQUIRED TO TAKE THIS COURSE.

CAREER TECHNICAL ED – FAMILY & CONSUMER SCIENCES

FOODS: INTRODUCTION TO NUTRITION AND FOOD PREPARATION - 230100
Elective Course
Period Offerings: Blocked; 2 Terms; 2 Credits

This introductory foods course is planned to provide a foundation in basic nutrition, food preparation, and management. Emphasis is placed on learning the skills of food preparation and the whys of preparation of foods from the different food groups. This course provides for use of knowledge gained in the classroom through various laboratory experiences. Units covered with labs may include the following; fruits and vegetables, eggs, cheese, milk and milk products, cereal grains, salads, soups, pastries, cakes and frostings, quick breads, yeast breads, cookies, and meats.

HOUSING & HOME FURNISHINGS - 230300
Elective Course
Period Offerings: Blocked; 1 Term; 1 Credit

This course is designed to provide a basic background in interior design and home planning. It covers all aspects of housing: housing needs of families, housing and the environment, housing styles, evaluation of floor plans, furniture selection and arrangement, principles and elements of design, color and color schemes, storage ideas, bath and kitchen design, and background in the home (window and wall treatments, floor coverings, lighting)

CREATIVE SEWING - 230610
Elective Course
Period Offerings: Blocked; 1 Term; 1 Credit

This course is to teach students to sew and/or improve their sewing skills. The students will use sewing machines, embroidery machines and the serger to create useful items for the home or garments and accessories. Several items will be constructed according to the student's sewing ability. The goal is for the student to feel more comfortable at the sewing machine, developing a life long skill.
DUE TO LAB SPACE AND AVAILABILITY OF EQUIPMENT, THIS COURSE IS LIMITED TO 15 STUDENTS

CREATIVE SEWING II - 230615
Elective Course
Period Offerings: Blocked; 1 Term; 1 Credit
Recommended: Creative Sewing I

This course builds upon the learning in Creative Sewing, requiring sewing projects of increased skill level to be completed. Students will use machine skills to complete a variety of projects based on standards and skill level building. Students will work independently to complete project within the given timeline.

CHILD DEVELOPMENT - 230500
Elective Course
Period Offerings: Blocked; 2 Terms; 2 Credits

As a result of this course you will learn about children, parenting, and yourself. This course will involve many hands-on experiences and the opportunity to work directly with children in various educational settings. Some of the topics that will be covered are Physical-Emotional-Social and Intellectual Development of infant thorough 6 year olds, Parenting Skills, Teen Pregnancy and Parenthood and Prenatal Development.

CAREER TECHNICAL ED – FAMILY & CONSUMER SCIENCES

FASHION ANALYSIS & DESIGN - 230590
Elective Course
Period Offerings: Blocked; 1 Term; 1 Credit **OR** Skinny; 1 Semester; 1 Credit
Recommended: Sophomores, Juniors & Seniors Only

Fashion Analysis & Design introduces students to all phases of the apparel business planning process as well as discussions on the various types of retailers that sell the apparel products to the consumer. Design elements and design principles are applied to apparel design analysis. Basic garment styles are studied. Fashion forecasting and sources of inspiration are discussed. Becoming aware of the wide variety of fashion related careers are an integral part of this course.

FASHION ANALYSIS & DESIGN DC - 230600
Elective Course
Period Offerings: Blocked; 1 Term; 1 Credit **OR** Skinny; 1 Semester; 1 Credit
DMACC Dual Credit, APP 260
Recommended: Sophomores, Juniors & Seniors Only
See pages 9-11 for Guidelines

Fashion Analysis & Design emphasis is placed on all phases of the apparel business planning process that includes strategic planning, merchandise planning, creative planning, technical planning and production planning as well as discussions on the various types of retailers that sell the apparel products to the consumer. Design elements and design principles are applied to apparel design analysis. Basic garment styles are studied. Fashion forecasting and sources of inspiration are discussed. The student prepares a current trends research project. Students will learn how to develop a successful group line. Designer history and concepts are researched and shared in a project prepared by the student. Becoming aware of the wide variety of fashion related careers are also covered in this course.

TEXTILES DC - 230620
Elective Course
Period Offerings: Blocked; 1 Term; 1 Credit
DMACC Dual Credit, APP 211
Recommended: Sophomores, Juniors & Seniors
See pages 9-11 for Guidelines

Focus will be on an application-oriented study of natural and manufactured fibers, yarns, fabric construction, printing and dyeing methods and finishes to determine the performance properties, quality and serviceability of fabrics in relation to end use.

CAREER TECHNICAL ED – FAMILY & CONSUMER SCIENCES

ENTERPRISE COURSES

FOOD ENTERPRISE - 230700
Elective Course
Period Offerings: Blocked; 1 Term; 1 Credit

This entrepreneurship venture will involve developing items to be ordered primarily by elementary school children's parents. Items will likely be used as birthday or classroom treats. Students will research, prepare/test food product, survey students through sampling, daily food preparation of product, cost product and market items through this class. Students will work closely with Mr. Schmitz and consult with Mrs. Aanonson. Students will be in class with Mrs. Aanonson for one half of the block.

EMBROIDERY ENTERPRISE - 230710
Elective Course
Period Offerings: Blocked; 1 Term; 1 Credit

This entrepreneurship venture will involve research, survey, preparation and market testing of sample garments, costing, pricing, and marketing. Students will embellish clothing items utilizing ready-to-wear garments and a commercial embroidery machine and screen printer. Items will be sold in the *Cub Creations* shop. Custom items may also be created in this class. Students will consult with Mrs. Aanonson and meet as a class for one half of a block.

CAREER TECHNICAL ED – INDUSTRIAL TECHNOLOGY

MANUFACTURING I METALS - 240200
Elective Course
Period Offerings: Blocked; 1 Term; 1 Credit

If you are interested in learning about metal manufacturing and learning how to use various metalworking machines and the processes they perform, then Manufacturing I is the class for you. During this term Manufacturing I is devoted to metalworking. You will be working and building projects in the following metalworking areas:
*Welding, GMAW (WIRE) & SMAW (STICK) welding
*Machining, engine late and milling machine
*Bench metal, drilling, threading, and cutting
*Sheet metal
*Forging and foundry **(Optional Activities)**

MANUFACTURING II METALS - 240210
Elective Course
Period Offerings: Blocked; 2 Terms; 2 Credits
Recommended: Manufacturing I Metals

If you liked working with metals in Manufacturing I, and want to take your skills in the use of hand and power tools to the next level, then Manufacturing II Metals is the course you should take. In this course you will review many of the basic skills used in metalworking and then you will learn and develop skills in many new and advanced processes. Some of the new skills you will be learning include the following:
*In the welding area GMAW, GTAW and out of position SMAW and brazing.
*In the machining area, different methods of holding work, boring, knurling, pocketing and tapering.
*In the foundry area you will design and construct your own pattern.
*In the bench metal area you will work with designing and building scrolls.
*In the sheet metal area you will build a two-hinged toolbox.

MANUFACTURING II WOODS - 240220
Elective Course
Period Offerings: Blocked; 2 Terms; 2 Credits
Recommended: Construction Basics DC

If you liked working with woods in Construction Basics DC, and want to take your skills in the use of hand and power tools to the next level, then Manufacturing II Woods is the course you should take. In this course you will review many of the basic skills used in woodworking and then you will learn and develop skills in many new and advanced processes. Some of the new skills you will be learning include the following:
*Wood joints such as dovetails, mortise and tendon, pocket screws
*Project design
*Finishing techniques
*Working with different kinds of wood materials

CAREER TECHNICAL ED – INDUSTRIAL TECHNOLOGY

MANUFACTURING III - 240230
Elective Course
Period Offerings: Skinny; 1 Semester; 1 Credit
Recommended: Manufacturing II Metals and Manufacturing II Woods

If Manufacturing I and II has triggered your interest in learning more skills in the metalworking or woodworking area then you should consider Manufacturing III. In this course you will pick one or two areas you have a high interest in and develop advanced skills in those areas. These skills will be developed through independent study and the building of projects.
****PRIOR APPROVAL FROM INSTRUCTOR REQUIRED***

CONSTRUCTION BASICS DC - 240250
Elective Course
Period Offerings: Blocked; 1 Term; 1 Credit
DMACC Dual Credit, CON 336
See pages 9-11 for Guidelines

This course is offered to students who are interested in getting a start in the construction field. Students will be expected to gain an understanding of the care and safety of hand and power tools through this course, concurrent with DMACC Construction 336. This course will give the students the skills and the know how to operate construction hand/power tools correctly and safely. The students will also do a hands on project that will utilize the skills involved in building a structure. The skills include floor/wall/roof framing, exterior finishing techniques, interior finishing techniques, electrical wiring, basic plumbing and shingling.

CAREER TECHNICAL ED – PROJECT LEAD THE WAY

INTRODUCTION TO ENGINEERING DESIGN DC - 700100
Elective Course
Period Offerings: Blocked; 2 Terms; 2 Credits
DMACC Dual Credit, EGT 400
Recommended: Algebra I or taking concurrently
See pages 9-11 for Guidelines

In this course, students use 3D solid modeling design software to help them design solutions to solve proposed problems. Students will learn how to document their work and communicate solutions to peers and members of the professional community. The major focus of the 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.

PRINCIPLES OF ENGINEERING DC - 700200
Elective Course
Period Offerings: Blocked; 2 Terms; 2 Credits
DMACC Dual Credit, EGT 410
Recommended: Geometry or taking concurrently
See pages 9-11 for Guidelines

In this course, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, robotics, automation, and programming. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. The engaging and challenging problems students will solve in this course would prepare them well for any field involving structural design or human-computer interaction.

PLTW- COMPUTER SCIENCE ESSENTIALS - 700400
Elective Course
Period Offerings: Skinny; 1 Semester; 1 Credit

Collaborate to create mobile apps that make a difference in people's lives. Solve real people's needs and wants with your creativity. With a gentle introduction to programming, you will learn how to make computers work together to put your designs into practice. People who code are the magicians of the future, useful in any career. How will computing and connectivity give you superpowers?

AP COMPUTER SCIENCE PRINCIPLES DC - 700300
Elective Course
Period Offerings: Skinny; 2 Semesters; 2 Credits
DMACC Dual Credit, CIS 450
Recommended: Geometry, IED, or POE
See pages 9-11 for Guidelines

Open doors in any career with Computer Science! Students create apps for mobile devices, automate tasks in a variety of languages, find patterns in data, and interpret simulations. Students collaborate to create and present solutions that can improve people's lives. How will computing and connectivity transform your world? Students taking this course will have a final national exam for college credit in May.

21ST CENTURY LEARNING

FINANCIAL LITERACY - 400600
Required Course – SENIORS
Period Offerings: Blocked; 1 Term; 1 Credit

Each student will be able to:

A) Demonstrate financial responsibility and planning skills to achieve financial goals for a lifetime of financial health.
B) Manage money effectively by developing spending plans and selecting appropriate financial instruments to maintain positive cash flow.
C) Make informed and responsible decisions about incurring and repaying debt to remain both creditworthy and financially secure.
D) Evaluate and identify appropriate risk management options, including types of insurance, non-insurance, and identity protection.
E) Assess the value, features, and planning processes associated with savings, investing, and asset building, and apply this knowledge to achieve long-term financial security with personal and entrepreneurial goals in a global market.
F) Understand human, cultural, and societal issues related to financial literacy, and practice legal and ethical behavior.

***A TEST-OUT OPTION WILL BE MADE AVAILABLE IN AUGUST. STUDENTS MUST PASS THE TEST-OUT EXAM WITH A SCORE OF 85% OR BETTER. FOLLOW DIRECTIONS ON PAGES 7 AND 8 FOR TEST-OUT PROCEDURES.**

INNOVATIONS - 400100
Elective Course
Period Offerings: Blocked; 1 Term; 1 Credit

This course is designed to be an independent and creative course in which students go through an extended process of inquiry in response to a self-chosen complex question, problem, or challenge.
Through in-depth inquiry, students will answer a driving question for a public audience. Rigorous projects help students learn key academic content and practice 21st Century Skills (such as collaboration, communication, problem solving, and critical thinking). Students do not receive grades, they demonstrate their ability to learn and do. Students work to produce a portfolio and resume showing how they have mastered common content standards.
Students will work with the community and utilize student's solutions to help solve real life problems. They will work closely with community members to help move their inquiry along in addition to learning "soft" skills and building interpersonal relationships.
This is a self-directed course under supervision. This class has four requirements:
1. Research a topic/concept/issue that would impact your community.
2. Collaborate with experts **outside** of your school.
3. Carry out the project with a passion!
4. Blog/share your results with the world.

PRIOR APPROVAL FROM INSTRUCTOR REQUIRED

MANUFACTURING ENTERPRISE - 230720
Elective Course
Period Offerings: Blocked; 1 Term; 1 Credit

This class is a student-ran enterprise that focuses on manufacturing products for the Public. Students will experience the full process of manufacturing including design, accounting, production, and delivery. Students will use state of the art equipment found in businesses like CNC routers, CNC plasma torches, and CNC lasers. Meeting with prospective customers to determine their needs and following through to the completed project will be a unique and rewarding learning experience.
3 students per term max

APPROVAL THROUGH INTERVIEW & STAFF RECOMMENDATIONS

ADDITIONAL COURSE OFFERINGS

HEALTH - 230200 & 230210
Elective Course
Period Offerings: Blocked; 1-2 Semesters; 1-2 Credits

Health is designed as a two-term course to provide information in such a way that influences students to take positive actions about their own health. The topics covered throughout the 2 terms are personal health; food and nutrition; environmental health; safety and survival skills; consumer health; family life; human growth and development; substance abuse and nonuse; emotional and social health; health resources; prevention and control of disease, including sexually transmitted diseases and acquired immune deficiency syndrome, current crucial health issues, human sexuality, self-esteem, stress management, and interpersonal relationships. Different topics are covered each term.

TEEN LEADERSHIP - 400110
Elective Course
Period Offerings: Skinny; 1 Semester; 1 Credit

The purpose of this course is to teach you personal, relational, and leadership skills so that you may realize more of your potential. This course will help grow you to be more of who you were meant to be by teaching the principles that are foundational to success both inside and outside of the classroom.
This course is different than the MS offering

MENTORING INTERNSHIP - 400130
Elective Course
Period Offerings: Skinny; 1 Semester; 1 Credit

This course provides students with the opportunity to volunteer their time, energy, and talents to serve as a mentor to younger students. Students will use their volunteer experiences to learn how to solve problems, make decisions, communicate effectively, and develop empathy for others.

LEARNING LAB ASSISTANT - 400460
Elective Course
Period Offerings: Skinny; 1 Semester; 1 Credit
*Pass/Fail

Students could be registered as a Learning Lab assistant/tutor. Students would come support other students and act as a tutor or mentor. This would be a great opportunity for our students who have the passion for helping others and want to be involved in education to get some hands-on experience and make connections with kids. Students who want to serve as lab assistants would have to apply for the position, manage time wisely, and be a positive person and role model in this environment. Students would only be allowed to be lab assistants with instructor/administrator approval.

ADDITIONAL COURSE OFFERINGS

LEARNING LAB - 400450
Period Offerings: Skinny; 1 Term;
No Credit

During this 42-minute period, students will have the following opportunities:

-Follow-up instruction, re-teaching, and support of learning from a content area specialist.
-Extra work time and/or a structured work environment. Study skills and organization habits could also be addressed in short mini-lessons during this time, or on an as-needed basis.
-Students to drop in from another class to get content specific help.
-A structured learning environment for students in online classes.
-A structured learning environment for students not meeting expectations in other areas

Students will be placed into Learning Lab at teacher or administrative discretion

OFFICIATING - 260950
Elective Course
Period Offerings: Period; 1 Semester; 1 Credit

Officiating is a one semester class that works with our students to learn what the avocation of officiating is all about. This will include: how to get involved, character, sportsmanship, integrity, part of the game, uniforms, partners, schools, assignors, moving up, etc. Students will be given the information and help needed to potentially get certified to be registered officials through the IHSAA and IGHSAU, and perhaps even officiate some lower level contests here in Nevada and surrounding communities. There are planned guest speakers from different areas of high school sports to give students different perspectives on officiating. These speakers may include officials, ADs, coaches, and representatives from the state offices.

LAUNCH - 400120
Elective Course
Period Offerings: Blocked: 1 Semester; 2+ Credits **OR** Double Block; 1 Semester; 4+ Credits
2 credits min

Students develop personal interest research based on the content of this department. Standards will be met based on course-approved standards list. An essential question will be created to guide the student through his or her research of the question through weekly guided conferences with a curriculum coach. A final showcase of the student's learning will demonstrate what was learned that may be presented to a community audience.
LAUNCH Language Arts
LAUNCH Science
LAUNCH Math
LAUNCH Social Studies
LAUNCH Fine Arts
LAUNCH Elective

RESOURCE CLASSES

DEPARTMENTAL APPROVAL REQUIRED FOR ALL CLASSES LISTED BELOW:

STUDY SKILLS – 300100
Course number depends on instructor.
Elective Course
Period Offerings: Skinny or Blocked; Term or Semester(s); 1-4 credits
Recommended: Student with an IEP and Resource Instructor Approval.

This course works on individual skills according to a student's IEP needs. Direct Instruction will be provided in the areas of reading, writing and math. Materials used will vary according to students needs. A limited amount of time may be available for individual or small group tutoring.

LEARNING STRATEGIES - 300200
Elective Course
Period Offerings: Skinny; 1 Semester; 1 Credit
Recommended: Student with an IEP and Resource Instructor Approval
This course is designed to provide guided structure and practice in using various study skills and learning strategies in the areas of self-advocacy, reading, writing, test-taking, and long term planning. Recommended for 9th and 10th grades.

LIFE SKILLS - 300330
Elective Course
Period Offerings: Blocked; 2 Semesters; 4 Credits
Recommended: Student with an IEP and **Life Skills** Instructor Approval.

The focus of this course is to provide an individual life skills that prepares students to engage in various functional community, home, and school activities. Through task analysis, prompting techniques, repetition, reinforcement, natural environment, mastery monitoring, discrete trial teaching, and transference of learned skills, students will increase their ability to become active and independent participants in daily living and social activities.

WORK EXPERIENCE or WORK SKILLS - 300230
Elective Course
Period Offerings: Blocked or Period; 1 or 2 semester(s); 1-4 credits
Recommended: Students with an IEP and Resource Instructor approval.

This course is designed to give students the opportunity to participate in short term supervised job experiences within the school and in the community. Students will begin to develop positive work habits and social skills conducive to being a positive and effective employee. Students will begin to develop areas of interest regarding employment and future job placement. Students will be encouraged to learn to motivate themselves to do their best, and be given a clear understanding of what an employer can expect from them.

DMACC – SCALE PROGRAM

The following courses are for Juniors and Seniors only (unless approved by NHS administration) and are located at various locations in Story County. Students must provide own transportation, and both the student and parent must sign a separate registration form and contract. Through a collaboration of education and business and industry, the SCALE program seeks to develop highly skilled and adaptable innovators and leaders. With inquiry-based learning and authentic projects and experiences, students add value to business partners while exploring passions and career possibilities identified by economic trends in Story County.

Health and Human Services
High School Credits=2 credits
DMACC Credits: 3
Course Time: 7:30am-9:30am

Provides an investigation of varied careers that focus on physical, social and emotional well-being of others. A general focus on the social service and healthcare industry will provide a base for students to explore their specific interests in career fields while working alongside professionals throughout Story County. Whether you have a curiosity about medicine, wellness, mental health or social services, Health and Human Services will allow you to explore your interest while building a professional portfolio of activities outside of the classroom and engaging in the community.

Multi-Disciplinary Engineering
High School Credits=2 credits
DMACC Credits: 3
Course Time: 7:30am-9:30am

Students will gain an understanding of the broad field of Engineering and the varied career opportunities within Engineering in Story County. Whether you are interested in architecture and design, robotics and advanced manufacturing, or agricultural engineering, Multi-Disciplinary Engineering has something for you. Students will be encouraged to experience one or more of the engineering professions in more depth as they work on real world design projects that shape the environment for future generations.

Renewable Energy and Bio-Sciences
High School Credits=2 credits
DMACC Credits: 3
Course Time: 12:50pm-2:50pm

Focus on the intersecting fields of energy production and the related cutting edge scientific principles that apply to both energy and biology related topics. Students will learn about the distinct career fields within various forms of energy production and storage, experience lab techniques used with the bio-science field, and have the opportunity to see the science in action while working alongside professionals in the field.

Business Communication and Technology
High School Credits=2 credits
DMACC Credits: 3
Course Time: 12:50pm-2:50pm

Combines innovation with communications, technology, marketing, and data management to enable the student to assume the role of a professional creative consultant. In Business Communication and Technology, students are paired with organizations for which they prepare materials such as marketing strategies, logos, business cards, graphic design pieces, and social media campaigns. This field is in high demand in all industries and has incredible potential for start-ups. If you love web design, programming, business, marketing, writing, gaming, leadership or want to learn how technology can apply to your field of interest, this class is for you.

DMACC – CAREER ACADEMY

The following courses are for Juniors and Seniors only (unless approved by NHS administration) and are located at the Hunziker Center in Ames unless otherwise noted. Students must provide own transportation, and both the student and parent must sign a separate registration form and contract.

As set forth by the Department of Education, any students who are not proficient on the ITEDs in the areas of math, science, and reading are restricted from taking PSEO courses, online courses, dual credit courses, and DMACC Career Academy courses offered through the Hunziker Center in Ames.

CERTIFIED NURSING ASSISTANT – 600140
½ Year (Spring Semester Only) – **STORY COUNTY MEDICAL CENTER, NEVADA**
Recommended: Biology
High School Credits = 2
DMACC Credits = 6

Course includes Nurse Aide and Advanced Nurse Aide, both of which are required. Requires up to 150 hours of clinical work and/or labs. Students will have the option to pay for the CNA certification test at the completion of the class. NEVADA HIGH SCHOOL DOES NOT PAY FOR THE CNA CERTIFICATION EXAM.

Course Requirements:
-Students must be 16 years of age on first day of class.
-Students must successfully pass a criminal background check.
-Students must show proof of immunization in each of the following:
TB Skin Test, Tetanus, Chicken Pox, Hepatitis B, MMR, and Flu Vaccine (October-April only)
-Students must be CPR Certified prior to the start of Advanced CNA (HSC 182)
-State requires a 10-1 student to teacher ratio. Priority for enrollment is given to seniors and students who take Health Occupations in the fall.
Course Time: 7:30am–9:30am

HEALTH OCCUPATIONS – 600220
½ Year (Fall Semester Only)**-STORY COUNTY MEDICAL CENTER, NEVADA**
Recommended: Biology
High School Credits = 2
DMACC Credits = 8

This is a two-term course, which provides an overview of many occupations within the health care field, as well as introducing the student to health care concepts and skills. Topics include a history of health care in the U.S., legal and ethical responsibilities, leadership, and job seeking/getting. Specific skills include certification in basic life support, first aid, and assessment skills.
Course Time: 7:30am–9:30am

DMACC – CAREER ACADEMY

AUTOMOTIVE COLLISION TECHNOLOGY – 600100
Full Year **- DMACC CAREER ACADEMY, AMES**
High School Credits = 4
DMACC Credits - Year 1 = 15 credits
DMACC Credits - Year 2 = 12 credits

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.
Course Time Options: 7:30am–9:30am; 12:50pm–2:50pm

Year two courses include plastic repair, advanced estimating, and refinishing applications.
Course Time: 10:00am–11:50am

AUTOMOTIVE MECHANICS TECHNOLOGY – 600120
Full Year **- DMACC CAREER ACADEMY, AMES**
High School Credits = 4
DMACC Credits - Year 1 = 11 credits
DMACC Credits - Year 2 = 11 credits

The Automotive Technology program is designed to prepare students for employment in the automotive service industry. This technological program enables students to gain experience with shop tools, automotive engines and electricity.
Course Time Options: 7:30am–9:30am; 12:50pm–2:50pm

Year two courses include auto fuel systems, basic auto electricity, advanced auto electricity, and heating and air conditioning.
Course Time: 10:00am–11:50am

BUILDING TRADES/FINISH CARPENTRY – 600150
Full Year **- DMACC CAREER ACADEMY, AMES**
High School Credits = 4
DMACC Credits - Year 1 = 12 credits
DMACC Credits - Year 2 = 9 credits

This program allows students to engage in experiential learning in the areas of Construction and Carpentry.
Course Time Options: 7:30am–9:30am; 10:00am–11:50am; 12:50pm–2:50pm

Year two courses include materials takeoff and construction techniques.
Course Time Options: 7:30am–9:30am; 10:00am–11:50am; 12:50pm–2:50pm

DMACC – CAREER ACADEMY

BUSINESS ADMINISTRATION – 600290
Full Year **- DMACC CAMPUS, ANKENY**
High School Credits = 4
DMACC Credits = 18

Students are provided a foundation of business-related courses that will prepare them for entrance in multiple business-related postsecondary opportunities.
Course Time: 12:45pm–2:45pm Ankeny Campus

CAREER WORK EXPERIENCE – 600240
Full Year **- DMACC CAREER ACADEMY, AMES**
s: Senior Status
High School Credits = 4
DMACC Credits = 13

Students will explore different career options, learn about job placement procedures and participate in a seminar that examines current work trends and issues. All students are given the opportunity to receive work experience (minimum of 10 hours/week) in various industries and businesses.
Course Time: Tuesdays and Thursdays 7:30am-9:30am; 12:50pm-2:50pm

CRIMINAL JUSTICE – 600170
Full Year **- DMACC CAREER ACADEMY, AMES**
High School Credits = 4
DMACC Credits = 16

The Criminal Justice program introduces students to criminal law and crime scene investigation and prepares students for entry into the criminal justice field.
Course Time Options: 7:30am–9:30am; 12:50pm–2:50pm

CULINARY ARTS – 600180
Full Year **- DMACC CAREER ACADEMY, AMES**
High School Credits = 4
DMACC Credits = 12

Through hands-on experience, students are introduced to the scientific principles used in food preparation, the hospitality industry, and fundamentals of dining and sanitation.
Course Time Options: 7:30am–9:30am; 12:50pm–2:50pm

DMACC – CAREER ACADEMY

DIESEL TECHNOLOGY – 600200
Full Year **- DMACC CAMPUS, ANKENY**
High School Credits = 4
DMACC Credits = 11

Instruction is in the repair, maintenance, and testing of diesel engines, power trains, and components of trucks and construction equipment.
Course Time: 12:45pm–2:45pm Ankeny Campus

FASHION DESIGN – 600210
½ Year (Semester) **-- AMES HIGH SCHOOL, AMES**
High School Credits = 4
DMACC Credits = 3 – 6

Courses are designed to introduce students into the fashion business and focus on the study of natural and manufactured fibers used in fashion.
Courses and Times:
Textiles (APP 211) – 3 credits – Fall Semester Only–8:41am–9:29am
Fashion Analysis & Design (APP 260) – 3 credits – Fall & Spring–7:50am-8:34am

MACHINE OPERATIONS/TOOL & DIE – 600250
Full Year **- DMACC CAMPUS, ANKENY**
Pre-recommendation: Manufacturing I, Geometry
High School Credits = 4
DMACC Credits = 11

Courses include machine shop measuring, engine lathes, mills, and applied materials processing.
Course Time: 12:45pm–2:45pm

TEACHER ACADEMY- 600280
Full Year - **DMACC CAREER ACADEMY, AMES**
High School Credits = 4
DMACC Credits = 8

The Teacher Academy 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 school teachers during portions of their assigned class time.
Course Time: 7:30am-9:30am

DMACC – CAREER ACADEMY

VISUAL COMMUNICATIONS (GRAPHIC DESIGN/WEB) – 600270
Full Year **- DMACC CAREER ACADEMY, AMES**
High School Credits = 4
DMACC Credits = 15

Students will learn the basics of creating a web page along with computer graphics using multiple software packages.
Course Time: 12:50pm–2:50pm

WELDING – 600300
Full Year - **NEVADA HIGH SCHOOL, NEVADA**
High School Credits = 4
DMACC Credits = 9
This program allows students to engage in experiential learning in the area of manufacturing related welding. In addition to a welding skill base, students will explore the greater career field of advanced manufacturing through workplace experiences. Nine DMACC credits are available upon completion of this yearlong program.
Course Time: 7:30am-9:30am

DMACC – ONLINE CAREER ACADEMY

These are the only courses that will be offered through our online academy.
These courses are subject to change. Any other courses must be taken through PSEO.

ACC 111 – Introduction to Accounting
Credits: 3
An introductory course in accounting fundamentals and procedures. Includes capturing and analyzing business data and financial statement preparation.

BUS 102 – Introduction to Business
Credits: 3
An overview of the ever-changing world of business. Provides information in the areas of ownership, management, marketing, insurance, economic systems, and finance, as well as the role of government.

BUS 148 – Small Business Management
Credits: 3
Examines introductory business applications and strategies needed to start and operate a small business. Topics include entrepreneurship preparation, idea feasibility, business plan content, introductory marketing, management, and finance concepts for small business.

CRJ 100 – Intro to Criminal Justice
Credits: 3
An in-depth examination of the three components of the criminal justice system and the roles they play in society.

CRJ 111 – Police and Society
Credits: 3
An examination of the role of the police and corrections in American society, and a discussion of prominent issues. The course will examine the various eras of policing and correctional agencies. The structure and style of various policing and correctional agencies will also be covered. Agency application of internal and ethical issues including use of force will be examined. Strategies and policies to improve policing and correctional work environment will also be discussed.

DRA 101 – Intro to Theatre
Credits: 3
A survey of the elements and techniques of theatre with emphasis on acting, directing and playwriting. Attendance at dramatic productions required.

DMACC – ONLINE CAREER ACADEMY

ECE 103 – Intro to Early Childhood Education
Credits: 3
Gives students a historical and philosophical foundation of the field of early childhood education. Includes an overview of assessment and trends that influence best practices. Explores careers in the field. Addresses influences of families and diversity.

ECN 120 – Principles of Macroeconomics
Credits: 3
This course is an introduction to basic macroeconomics concepts and principles. It deals with problems of resource allocation, supply and demand, national income, employment, price levels, fiscal and monetary policy, money and banking systems and elements of global finance.
ECN 120 is not a for ECN 130.

ECN 130 – Principles of Microeconomics
Credits: 3
Course covers survey of demand and supply conditions, cost structure, market structure and how these elements affect individual household, business firms, government and global trade.
ECN 120 is not a for ECN 130.

ENG 105 – Composition I
Credits: 3
Designed to help students read and write effectively. Exploration of the relationship of audience to writer and material. Emphasis on developing concrete detail to support main ideas. : Satisfactory writing skills

ENG 106 – Composition II
Credits: 3
Expository and persuasive writing developed through critical reading. The course explores structure, style, research, and documentation. : ENG 105

ENV 103 – Sustainable Living
Credit: 1
This class provides an up-close-and-personal look at the sustainability movement. Develop an understanding of the environment you live in. learn more about the role you can play in creating a sustainable lifestyle for yourself and your family at home, work and school.

DMACC – ONLINE CAREER ACADEMY

FIN 121 – Personal Finance
Credits: 3
This course emphasizes family financial planning, including financial statements, budgeting, taxes, risk management, and retirement.

GEO 111 – Intro to Geography
Credits: 3
This course utilizes the basic concepts of cultural geography (area, landscape, ecology, diffusion and integration) in a systematic examination of the contemporary world. The course is intended to provide an elementary acquaintance with the field of geography.

HIS 112 – Western Civ: Ancient to Early Modern
Credits: 4
The student surveys the great civilizations from Greece and Rome through the rise of Christianity, to Europe in the Middle Ages, the Renaissance and Reformation, the modern state, the new science and the secular outlook, parliamentary government in England, and political absolutism in France and Eastern Europe.

HIS 113 – Western Civ: Early Modern to Present
Credits: 4
Survey of political, economic, social, and intellectual developments from the 18th century to the present. Enlightenment, revolutions and reactions, national unifications, national rivalries, world wars, and post-war developments.

HIS 150 – U.S. History to 1877
Credits: 4
A survey of main themes of American history from 1492 to 1877 with emphasis on the political, social, economic, religious and intellectual aspects of the pre-settlement, Colonial, Revolutionary, Antebellum Civil War and Reconstruction eras.

HIS 153 – U.S. History since 1877
Credits: 4
A survey of main themes of American history from 1877 to the present with emphasis on political, social, economic, religious and intellectual aspects of the Gilded Age, the Progressive Era, WWI, the Roaring Twenties, the Great Depression, WWII and post WWII Era.

DMACC – ONLINE CAREER ACADEMY

HSC 120 – Medical Terminology I
Credits: 3
Builds a medical vocabulary through an understanding of anatomic roots for words denoting body structures, prefixes, suffixes, and body functions.

HSC 121 – Medical Terminology II
Credits: 3
Continues to build medical language vocabulary by studying body systems such as musculoskeletal, endocrine, nervous and integumentary systems.
Prerequisite: HSC 120 with a grade of "C-" or better.

HUM 116 – Encounters in Humanities
Credits: 3
An interdisciplinary course exploring the human condition through literature, painting, sculpture, architecture, music and dance. The course examines the cultural context of individual works and movements, the thematic relationships between the arts and the relevance of the arts in our lives today.

LIT 101 – Intro to Literature
Credits: 3
Introduction to the study and appreciation of poetry, fiction and drama. Basic critical approaches are emphasized, and a broad range of authors from a variety of cultural and ethnic groups and a wide span of historical periods are presented.

MAT 110 – Math for Liberal Arts – (Need to have ALEKS score on file)
Credits: 3
The student will begin to think critically by studying logic, sets and statistical reasoning. The student will examine problem solving and decision making by studying probability, application of statistical data, modeling, and financial mathematics. The student will become aware of possible abuses of mathematics. Finally the student will understand the broad usefulness of mathematics by studying history of mathematics and application of mathematics in art, music, business and/or politics.
Prerequisite: One year of high school Algebra or MAT 064

MAT 141 – Finite Math – (Need to have ALEKS score on file)
Credits: 4
A general education course in practical mathematics for those students not majoring in mathematics or science. This course will include such topics as set operations and applications, methods of counting, probability, systems of linear equations, matrices, geometric linear programming, and an introduction to Markov chains.
Prerequisite: One year of high school Algebra or MAT 063.

DMACC – ONLINE CAREER ACADEMY

MAT 157 – Statistics – (Need to have ALEKS score on file)
Credits: 4
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 will not receive credit for both MAT 157 and BUS 211.
Prerequisite: Two years of high school Algebra, Department Permission or MAT 073

PEC 110 – Coaching Ethics
Credit: 1
Course covers techniques and theory of coaching, sports physiology, preparation for competition and issues in coaching.

PEH 110 – Personal Wellness
Credits: 1

This course will aid in the enhancement of knowledge, skills, and attitudes necessary to promote positive lifelong wellness decisions. Students will look at the physical, social, intellectual, emotional, occupational and spiritual components of wellness**.**

PEH 190 – Sports Nutrition
Credits: 2
Basic principles of human nutrition and nutritional needs for athletes and/or physically active populations. Issues discussed include ergogenic aids, carbohydrate loading/ manipulation, eating disorders, protein supplements and hydration. Practical application will include dietary analysis and composition for people in various activities and conditions.

PHI 101 – Introduction to Philosophy
Credits: 3
Exploration of basic questions in epistemology, metaphysics, and ethics. Emphasis on western philosophy tradition.

POL 111 – American National Government
Credits: 3
A study of the American political system and how and why the citizenry relate to the government as they do. Emphasis is placed upon the organization and functioning of the presidential, legislative and judicial subsystems.

DMACC – ONLINE CAREER ACADEMY

PSY 111 – Introduction to Psychology
Credits: 3
A survey of psychology including theoretical and experimental findings and applications from areas such as neurobiology, learning, memory, personality, social, abnormal, and therapy.

SDV 115 – Study Strategies
Credits: 2
Provides students with study/reading strategies for independent learning and academic success. An examination of college policies and procedures is also included.

PSY 121 – Developmental Psychology
Credits: 3
The study of factors that affect human development from conception to death, with emphasis on topics such as physical, cognitive, and social changes, methods of study and current issues.

SOC 110 – Introduction to Sociology
Credits: 3
The study of human interaction, groups and society. Topics included are culture, socialization, organizations, deviance, inequality, institutions, health, population, ecology, social change, and research methods.

SOC 115 – Social Problems
Credits: 3
An analysis of the nature, dimensions, causes and characteristics of selected social problems of major interest. Consideration id given to theories, research and programs for prevention and treatment.

Edmentum Digital Curriculum

Math

Advanced Calculus A/B
Algebra 1 A/B
Algebra 2 A/B
Consumer Mathematics
Foundational Math 1 A/B
Foundational Math 2 A/B
Foundational Math 3 A/B
Geometry A/B
Integrated Math 1 A/B
Integrated Math 2 A/B
Integrated Math 3 A/B
Pre-Calculus A/B
Probability and Statistics

Science

Advanced Biology A/B
Advanced Chemistry A/B
Anatomy
Biology A/B
Chemistry A/B
Earth and Space Science A/B
Foundational Science 1 A/B
Health Science 1 A/B
Health Science 2 A/B
Integrated Physics & Chemistry Sem A & B
Integrated Physics and Chemistry Sem A & B
Life Science A/B
Physical Science A/B
Physics A/B
Principles of Health Science A/B
Physiology

Social Studies

Advanced US History A/B
African American Studies
Civics A/B
Contemporary World A/B
Economics
Foundational US History A/B
Foundational World History A/B
Native American Studies: Contemporary Perspectives
Native American Studies: Historical Perspectives
Principles of Government and Public Administration A/B
Psychology A/B
Social Issues
Sociology
US Government
US History A/B
World Geography A/B
World History Survey A/B
World History A/B

Language Arts

Advanced English Lit and Comp A/B
American Literature
Contemporary Literature
Creative Writing
English 9 A/B
English 10 A/B
English 11 A/B
English 12 A/B
Foundational English 1 A/B
Foundational English 2 A/B
Foundational English 3 A/B
Structure of Writing

Edmentum Digital Curriculum

Business

Accounting A/B
Business Information Management A/B
Entrepreneurship A/B
International Business
Introduction to Finance
Marketing, Advertising, and Sales
Personal Finance
Principles of Business, Marketing, and Finance A/B
Sports and Entertainment Marketing

CTE

Child Development and Parenting A/B
Culinary Arts A/B
Culinary Arts, Semester B
Drafting and Design A/B
Family & Consumer Science
Family Living & Healthy Relationships
Introduction to Fashion Design
Prin of Agriculture, Food, and Natural Resources A/B
Prin of Architecture and Construction A/B
Principles of Engineering and Technology A/B
Principles of Manufacturing A/B

Electives

Academic Success
Applied Medical Terminology A/B
Career Explorations
Drugs & Alcohol
Essential Career Skills
Exercise Science
First Aid & Safety
Game Development
Health Careers
Intro to Coaching
Intro to Nursing 1 & 2
Life Skills
Medical Terminology
Principles of Education and Training A/B
Principles of Hospitality and Tourism A/B
Principles of Human Services A/B
Prin of Law, Public Safety, Corrections, and Security A/B
Principles of Manufacturing A/B
Prin of Transportation, Distribution, and Logistics A/B
Professional Communications
Professional Photography A/B
Sports Officiating

Technology

Audio/Video Production 1 A/B
Audio/Video Production 2 A/B
Audio/Video Production 3 A/B
Computer Programming I A/B
Computing for College and Careers A/B
Digital and Interactive Media A/B
Electronic Communication Skills
Graphic Design and Illustration A/B
Introduction to Social Media
Prin of Arts, A/V Technology, and Communications A/B
Principles of Information Technology A/B
Web Technologies A/B

Edmentum Digital Curriculum

PE

Adaptive Physical Education
Advanced Physical Education 1 & 2
Comprehensive Physical Education
Credit Recovery Health
Credit Recovery Physical Education 1 & 2
Fitness Basics 1 & 2
Fitness Fundamentals 1 & 2
Flexibility Training
Group Sports
H.O.P.E. 1 & 2
Health
Health & Personal Wellness
Individual Sports
Intro to Group Sports 1 & 2
Intro to Individual Sports 1 & 2
Lifetime & Leisure Sports
Nutrition
Nutrition and Wellness
Outdoor Sports
Personal Health & Fitness
Personal Training Career Prep
Personal Training Concepts
Physical Education
Running
Strength Training
Walking Fitness

Fine Arts

Art History and Appreciation
Music Appreciation
Professional Photography A/B

World Language

Spanish 1 A/B
Spanish 2 A/B

Board of Regents RAI Information

When the Regent Admission Index (RAI) was implemented in 2009 for the automatic admission of freshman applicants, the formula for calculating the RAI score was based upon research which showed the best predictors of academic success for entering students are:
High school cumulative grade point average
High school class rank
ACT or SAT score
High school course preparation
In response to the growing number of Iowa high schools who discontinued class rank, a second formula for calculating the RAI score was implemented in Fall 2016. Both formulas are listed below.

Primary RAI Formula
(for students whose high school provides rank)

Percentile rank x 1
+ ACT composite score x 2
+ Cumulative GPA x 20
+ Number of years of high school core courses x 5
RAI score

Alternative RAI Formula
(for students whose high school does not provide rank)

ACT composite score x 3
+ Cumulative GPA x 30
+ Number of years of high school core courses x 5
RAI score

The number of Iowa high schools choosing to discontinue class rank has continued to grow. As such, effective for students entering the Regent universities Summer 2020 and beyond, one RAI formula (shown below) will be used to calculate the RAI scores for all freshman applicants, regardless of whether their school provides class rank.

RAI Formula
(for all students entering Summer 2020 or beyond)

ACT composite score x 3
+ Cumulative GPA x 30
+ Number of years of high school core courses x 5
RAI score

Iowa resident students who achieve at least a 245 RAI score and who meet the minimum high school course requirements are automatically offered admission to any of the three Regent universities. Students who achieve less than a 245 RAI score and who meet the minimum high school course requirements will continue to receive individual review from the Regent university to which they applied.

During this transition period, the Regent universities will give special consideration to any applicants who may be disadvantaged by this change.

If you have questions concerning this change, please feel free to contact any of the admissions offices listed below. Thank you.

Katharine Johnson Suski
Executive Director of Admissions and New Student Programs
Iowa State University
admissions@iastate.edu
800 262-3810

Kirk Kluver
Director of Admissions
University of Iowa
admissions@uiowa.edu
319 335-3847

Kara Hadley-Shakya
Director of Admissions
University of Northern Iowa
admissions@uni.edu
319 273-2281

BUILDING YOUR FUTURE

YOUR COURSES COUNT

	MINIMUM COURSE REQUIREMENTS FOR ADMISSION			OPTIMUM RECOMMENDATIONS FOR SUCCESS
	IOWA STATE UNIVERSITY	THE UNIVERSITY OF IOWA	UNIVERSITY OF NORTHERN IOWA	
ENGLISH	4 years emphasizing writing, speaking, reading, as well as an understanding and appreciation of literature.	4 years with an emphasis on the analysis and interpretation of literature, composition, and speech. 1 year of journalism will count toward fulfilling the English requirement.	4 years including one year of composition, also may include one year of speech, communication, or journalism.	4 years with an emphasis on the communication skills of writing, reading and listening, and the analysis and interpretation of literature. In addition, courses in journalism and media literacy will be valuable. Extracurricular activities in debate, speech contest, newspaper, and yearbook will further develop essential competencies.
MATH	3 years including one year each of algebra, geometry, and advanced algebra.	3 years including two years of algebra and one year of geometry for admission to the College of Liberal Arts and Sciences. 4 years including two years of algebra, one year each of geometry and higher math (trigonometry, analysis, or calculus) for admission to the College of Engineering.	3 years including the equivalent of algebra, geometry and advanced algebra.	4 years, one in each year of high school. While advanced courses like calculus and statistics are good, it's more important that you gain a complete understanding of advanced algebra and trigonometry.
NATURAL SCIENCE	3 years including one year each from any two of the following: biology, chemistry, or physics.	3 years including one year each from any two of the following: biology, chemistry, or physics for admission to the College of Liberal Arts ad Sciences. 3 years with at least one year each in chemistry and physics for admission to the College of Engineering.	3 years including courses in general science, biology, chemistry, earth science, or physics. Laboratory experience is highly recommended.	4 years, one in each year of high school. To be really well prepared, take at least one year each of biology, chemistry, and physics. These can be taken in any order and may be taught productively in either a separate or an integrated fashion, depending on your school's offerings.
SOCIAL STUDIES	2 years for admission to Colleges of Agriculture and Life Science, Business, Design, Engineering, and Human Sciences. 3 years for admission to the College of Liberal Arts and Sciences.	3 years with US history and world history recommended for admission to the College of Liberal Arts and Sciences. 2 years with US history and world history recommended for admission to the College of Engineering.	3 years including courses in anthropology, economics, geography, government, history, psychology, or sociology.	3 years is essential, but four is better. Take at least one year each of US and world history. Additional courses in anthropology, economics, political science, psychology, and sociology provide an important understanding of our political, social, and economic institutions.
FOREIGN LANGUAGE	2 years of a single foreign language for admission to the Colleges of Engineering and Liberal Arts and Sciences.	2 years of a single foreign language are required for admission. For many degrees, the fourth year of proficiency is required for graduation.	Foreign language courses are not required for admission. However, two years of foreign language in high school with a C- or above in the last course will meet the university graduation requirement.	4 years of a single foreign language. By taking foreign language during all four years of high school, you'll go beyond the basic skills and begin to use the language and reinforce your fluency.
OTHER COURSES	Specific elective courses are not required for admission.	Specific elective courses are not required for admission.	2 years of additional courses from the required subject areas, foreign language, or the fine arts.	Explore! Courses in the fine arts, performing arts, computers, or technology will help round out your high school experience. Your future field of concentration or career may lie in one of those areas. Follow your interests, talents, and the strengths of your school. Remember to choose courses with high academic standards.

08/2011

NCAA Approved Core Courses for Initial Eligibility

English
Advanced Creative Writing
Advanced Communication
College Prep Composition
Contemporary American Lit
Creative Writing
Early American Lit
English 9
Honors English 9
Intermediate Writing
Modern American Lit
Oral Communication
Eastern Literature
Western Literature
Written Communication

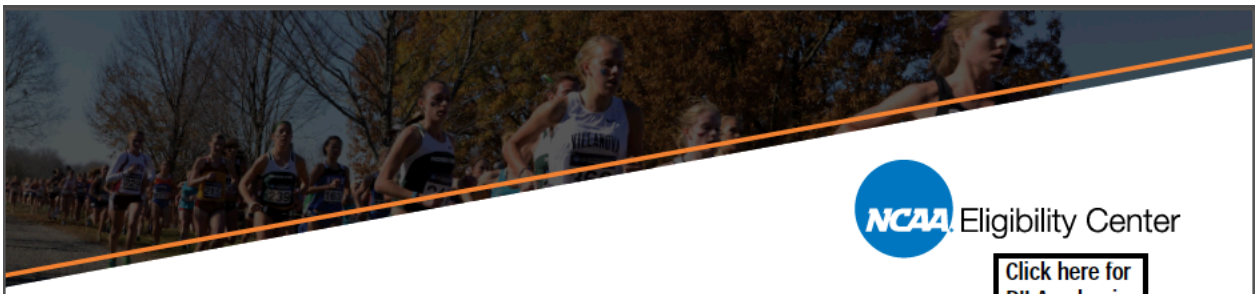
Social Science
Economics
Geography
Global Insights
Government
Honors Psychology
Sociology
World History
U.S. History

Mathematics
Advanced Math
Algebra I
Algebra II
Geometry
Honors Calculus
Probability & Statistics

Natural/Physical Science
Biology
ChemCom
Chemistry
Earth Science
Environmental Science
Honors Anatomy & Physiology
Honors Biology
Honors Chemistry
Integrated Science I
Integrated Science II
Physics

Additional Core Courses
Spanish I, II, III, IV

All other courses not listed DO NOT QUALIFY as NCAA courses and therefore cannot be used for initial-eligibility certification.



NCAA Eligibility Center

Click here for DII Academic Requirements

DIVISION I ACADEMIC REQUIREMENTS

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

Core-Course Requirement

Complete 16 core courses in the following areas:

ENGLISH	MATH (Algebra I or higher)	NATURAL/ PHYSICAL SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math, or natural/physical science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)
4 years	3 years	2 years	1 year	2 years	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 natural/physical 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.

Nonqualifier:

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

International Students: Please visit ncaa.org/international for information and academic requirements specific to international student-athletes.

Test Scores

When a student registers for the SAT or ACT, he or she can use the NCAA Eligibility Center code of **9999** so his or her scores are sent directly to the NCAA Eligibility Center from the testing agency. Test scores on transcripts will **NOT** be used in his or her academic certification.

A combined SAT score is calculated by adding reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. A student may take the SAT or ACT an unlimited number of times before he or she enrolls full time in college. If a student takes either test more than once, the best subscores from each test are used for the academic certification process.

If you took the SAT in March 2016 or after, and plan to attend an NCAA Division I college or university in the 2018-19 or 2019-20 academic years, use the following charts to understand the core-course GPA you need to meet NCAA Division I requirements.

For more information on the SAT, click **here** to visit the College Board's website.

DIVISION I FULL QUALIFIER SLIDING SCALE

Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
3.550	400	400	37
3.525	410	410	38
3.500	430	420	39
3.475	440	430	40
3.450	460	440	41
3.425	470	450	41
3.400	490	460	42
3.375	500	470	42
3.350	520	480	43
3.325	530	490	44
3.300	550	500	44
3.275	560	510	45
3.250	580	520	46
3.225	590	530	46
3.200	600	540	47
3.175	620	550	47
3.150	630	560	48
3.125	650	570	49
3.100	660	580	49
3.075	680	590	50
3.050	690	600	50
3.025	710	610	51
3.000	720	620	52
2.975	730	630	52
2.950	740	640	53
2.925	750	650	53
2.900	750	660	54
2.875	760	670	55
2.850	770	680	56
2.825	780	690	56
2.800	790	700	57
2.775	800	710	58

DIVISION I FULL QUALIFIER SLIDING SCALE

Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum	
2.750	810	720	59	
2.725	820	730	60	
2.700	830	740	61	
2.675	840	750	61	
2.650	850	760	62	
2.625	860	770	63	
2.600	860	780	64	
2.575	870	790	65	
2.550	880	800	66	
2.525	890	810	67	
2.500	900	820	68	
2.475	910	830	69	
2.450	920	840	70	
2.425	930	850	70	
2.400	940	860	71	
2.375	950	870	72	
2.350	960	880	73	
2.325	970	890	74	
2.300	980	900	75	
2.299	990	910	76	ACADEMIC REDSHIRT
2.275	990	910	76	
2.250	1000	920	77	
2.225	1010	930	78	
2.200	1020	940	79	
2.175	1030	950	80	
2.150	1040	960	81	
2.125	1050	970	82	
2.100	1060	980	83	
2.075	1070	990	84	
2.050	1080	1000	85	
2.025	1090	1010	86	
2.000	1100	1020	86	

*Final concordance research between the new SAT and ACT is ongoing.

NCAA is a trademark of the National Collegiate Athletic Association.

NCAA Eligibility Center

2018 DIVISION II NEW ACADEMIC REQUIREMENTS

College-bound student-athletes first enrolling at an NCAA Division II school on or after Aug. 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	MATH (Algebra I or higher)	NATURAL/ PHYSICAL SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math, or natural/physical science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)
3 years	2 years	2 years	3 years	2 years	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.

Partial Qualifier:

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.

Nonqualifier:

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

International Students: Please visit ncaa.org/international for information and academic requirements specific to international student-athletes.

Test Scores

If you took the SAT in March 2016 or after, and plan to attend an NCAA Division II college or university in the 2018-19 or 2019-20 academic years, use the following charts to understand the core-course GPA you need to meet NCAA Division II requirements.

A combined SAT score is calculated by adding reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. You may take the SAT or ACT an unlimited number of times before you enroll full time in college. If you take either test more than once, the best subscores from each test are used for the academic certification process.

For more information on the SAT, click here to visit the College Board's website.

DIVISION II FULL QUALIFIER SLIDING SCALE

USE FOR DIVISION II BEGINNING AUGUST 2018

Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
3.300 & above	400	400	37
3.275	410	410	38
3.250	430	420	39
3.225	440	430	40
3.200	460	440	41
3.175	470	450	41
3.150	490	460	42
3.125	500	470	42
3.100	520	480	43
3.075	530	490	44
3.050	550	500	44
3.025	560	510	45
3.000	580	520	46
2.975	590	530	46
2.950	600	540	47
2.925	620	550	47
2.900	630	560	48
2.875	650	570	49
2.850	660	580	49
2.825	680	590	50
2.800	690	600	50
2.775	710	610	51
2.750	720	620	52
2.725	730	630	52
2.700	740	640	53
2.675	750	650	53
2.650	750	660	54
2.625	760	670	55
2.600	770	680	56
2.575	780	690	56
2.550	790	700	57
2.525	800	710	58
2.500	810	720	59
2.475	820	730	60
2.450	830	740	61
2.425	840	750	61
2.400	850	760	62
2.375	860	770	63
2.350	860	780	64
2.325	870	790	65
2.300	880	800	66
2.275	890	810	67
2.250	900	820	68
2.225	910	830	69
2.200	920	840 & above	70 & above

DIVISION II PARTIAL QUALIFIER SLIDING SCALE

USE FOR DIVISION II BEGINNING AUGUST 2018

Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
3.050 & above	400	400	37
3.025	410	410	38
3.000	430	420	39
2.975	440	430	40
2.950	460	440	41
2.925	470	450	41
2.900	490	460	42
2.875	500	470	42
2.850	520	480	43
2.825	530	490	44
2.800	550	500	44
2.775	560	510	45
2.750	580	520	46
2.725	590	530	46
2.700	600	540	47
2.675	620	550	47
2.650	630	560	48
2.625	650	570	49
2.600	660	580	49
2.575	680	590	50
2.550	690	600	50
2.525	710	610	51
2.500	720	620	52
2.475	730	630	52
2.450	740	640	53
2.425	750	650	53
2.400	750	660	54
2.375	760	670	55
2.350	770	680	56
2.325	780	690	56
2.300	790	700	57
2.275	800	710	58
2.250	810	720	59
2.225	820	730	60
2.200	830	740	61
2.175	840	750	61
2.150	850	760	62
2.125	860	770	63
2.100	860	780	64
2.075	870	790	65
2.050	880	800	66
2.025	890	810	67
2.000	900	820 & above	68 & above

*Final concordance research between the new SAT and ACT is ongoing.

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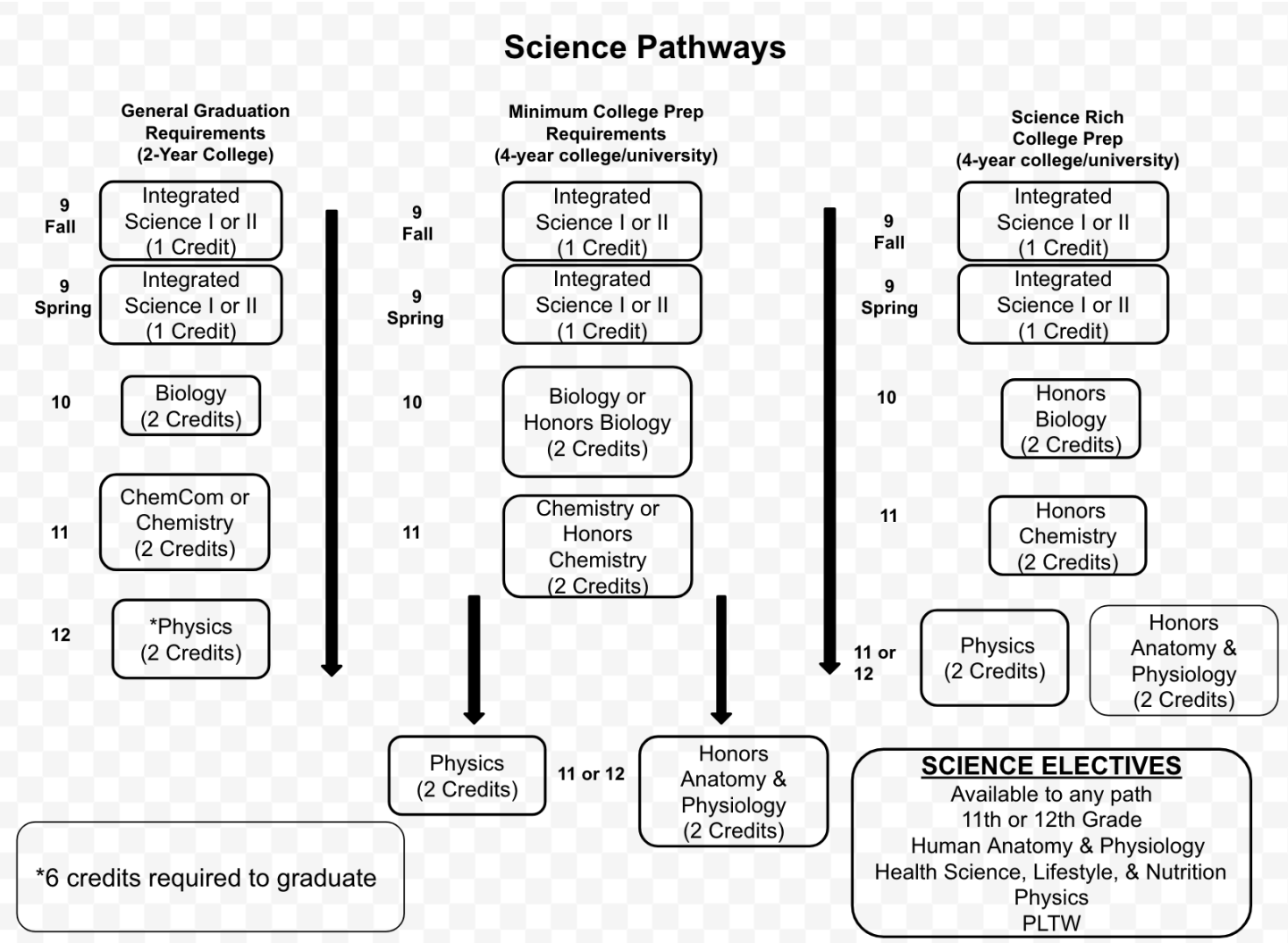
RECOMMENDED CONTENT PATHWAYS



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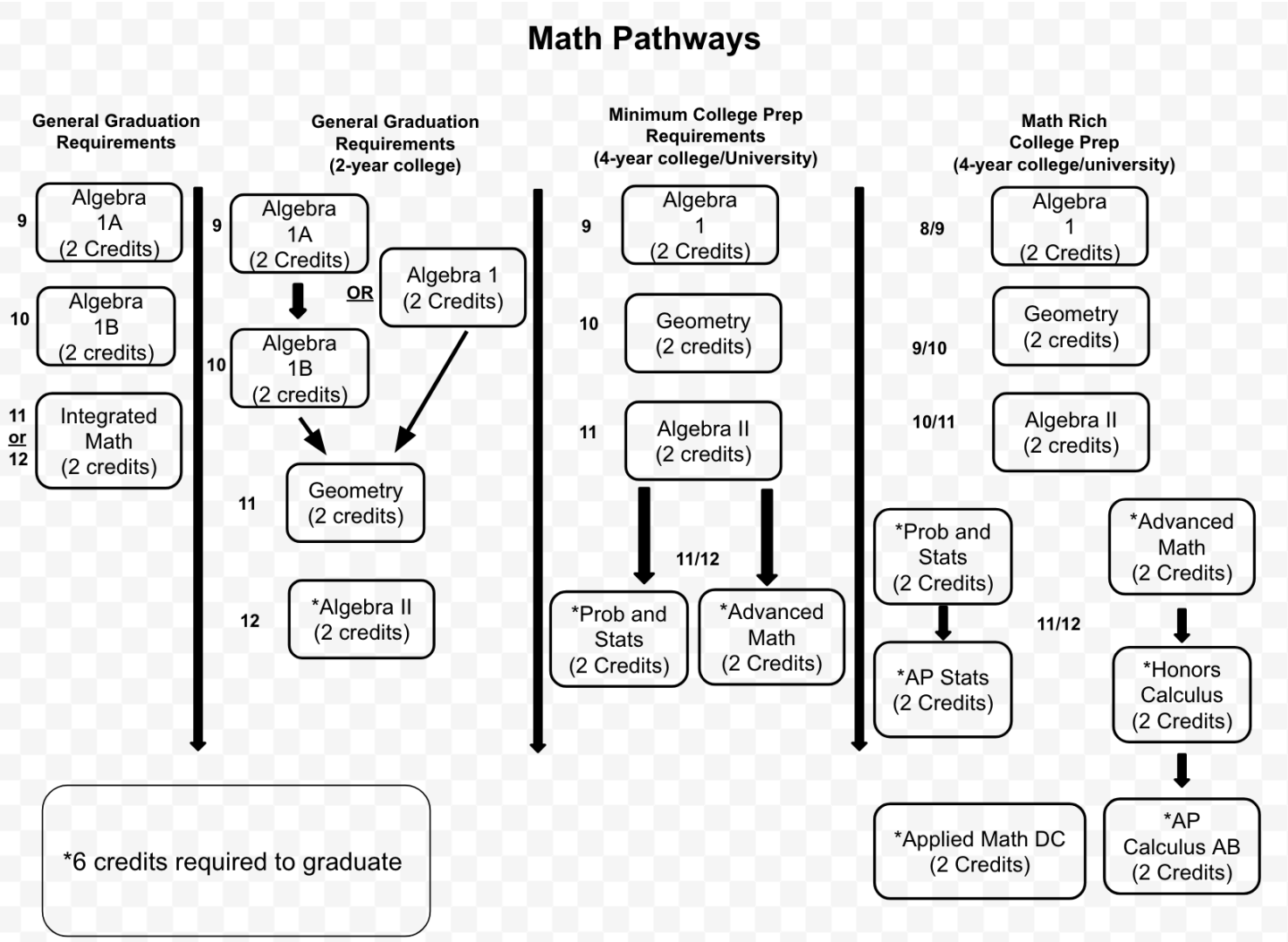

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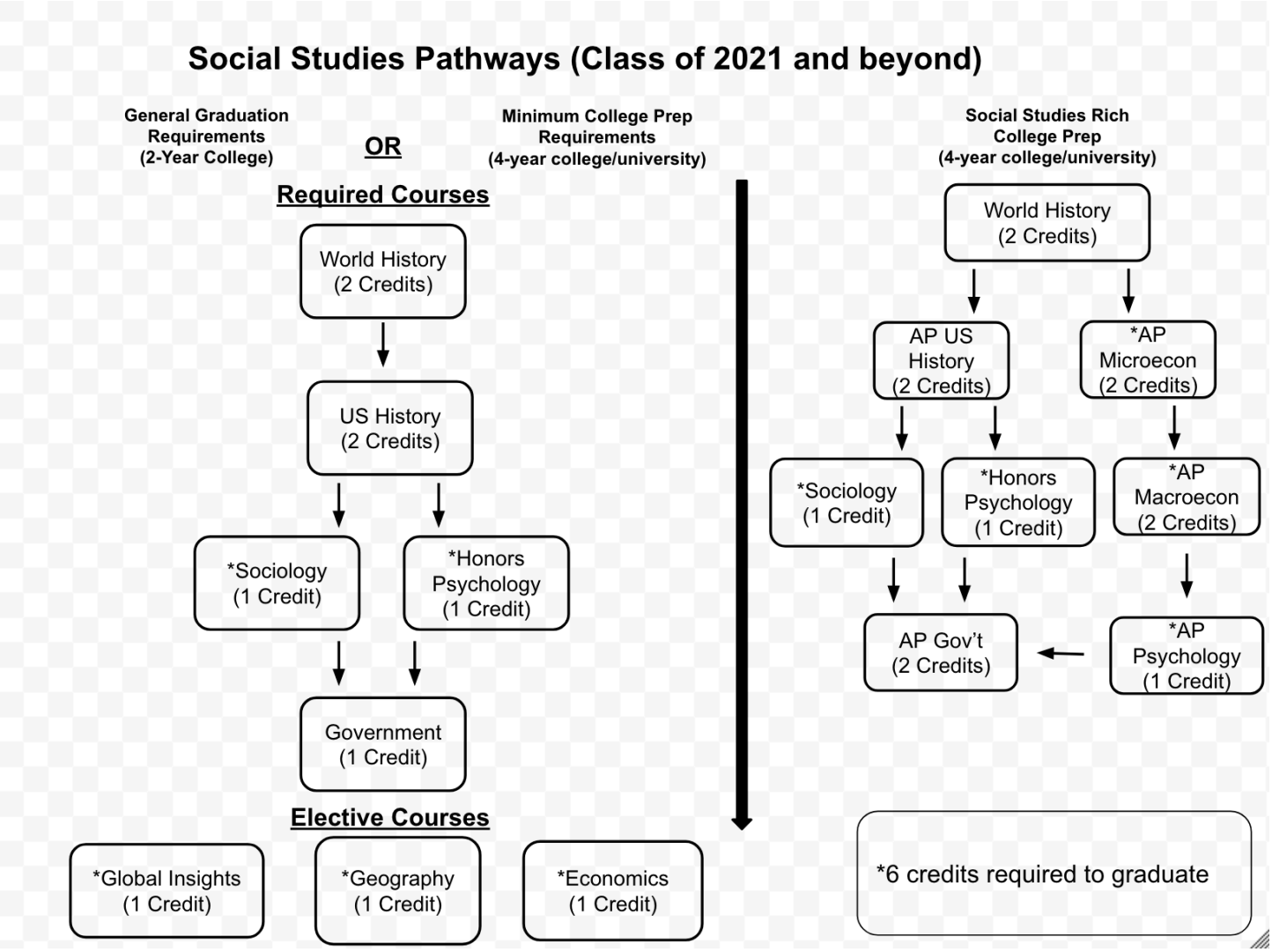

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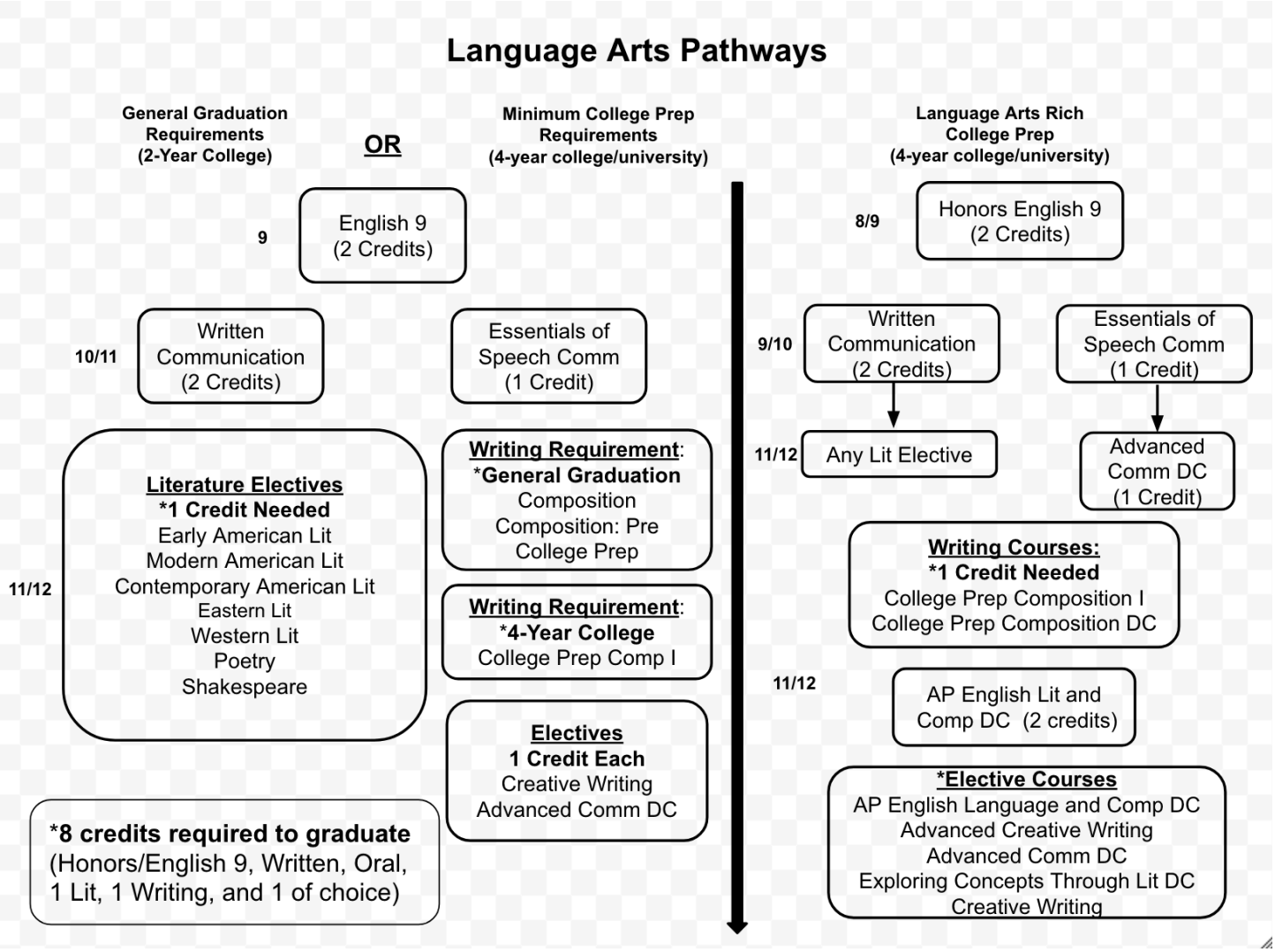

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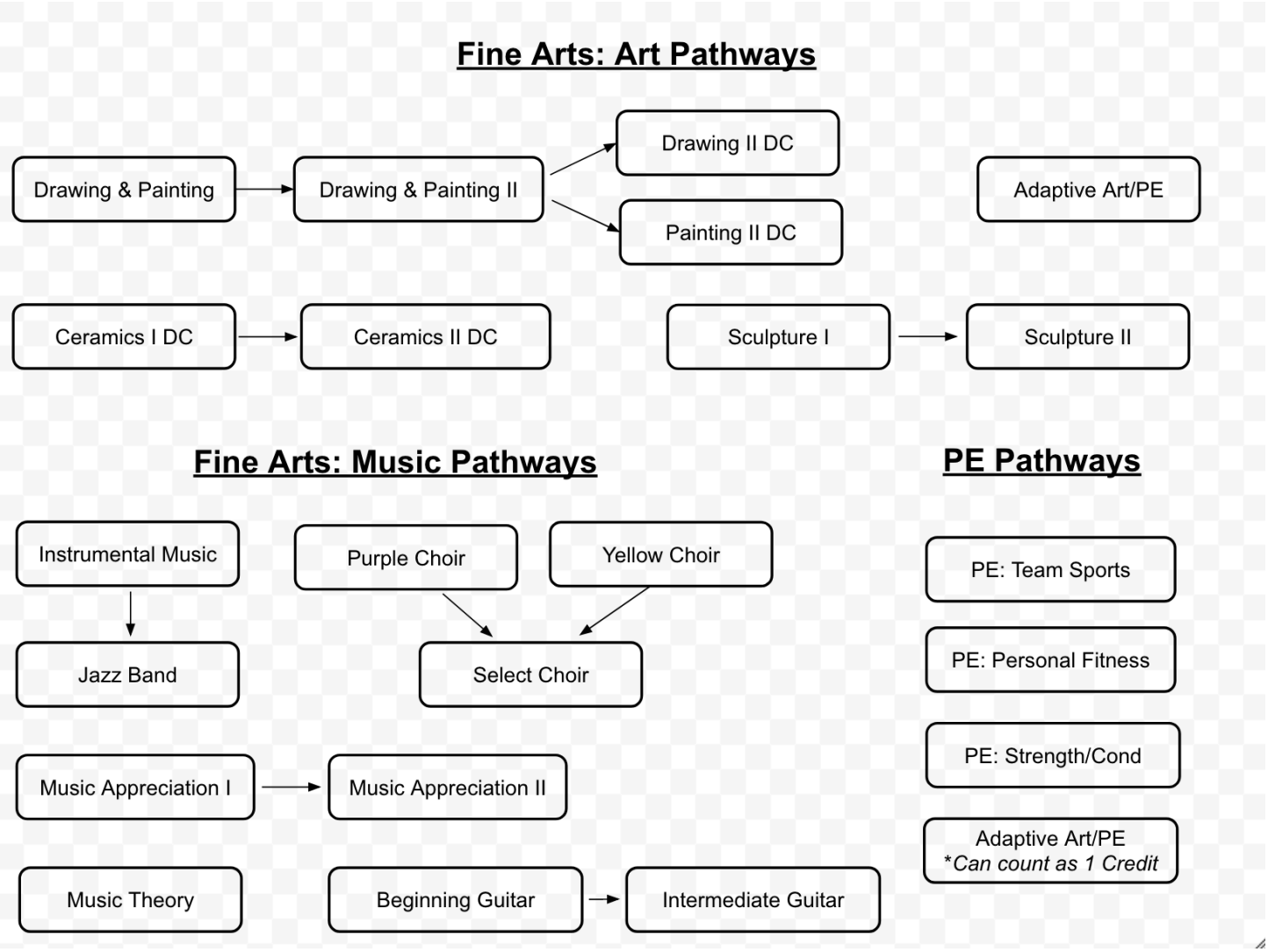

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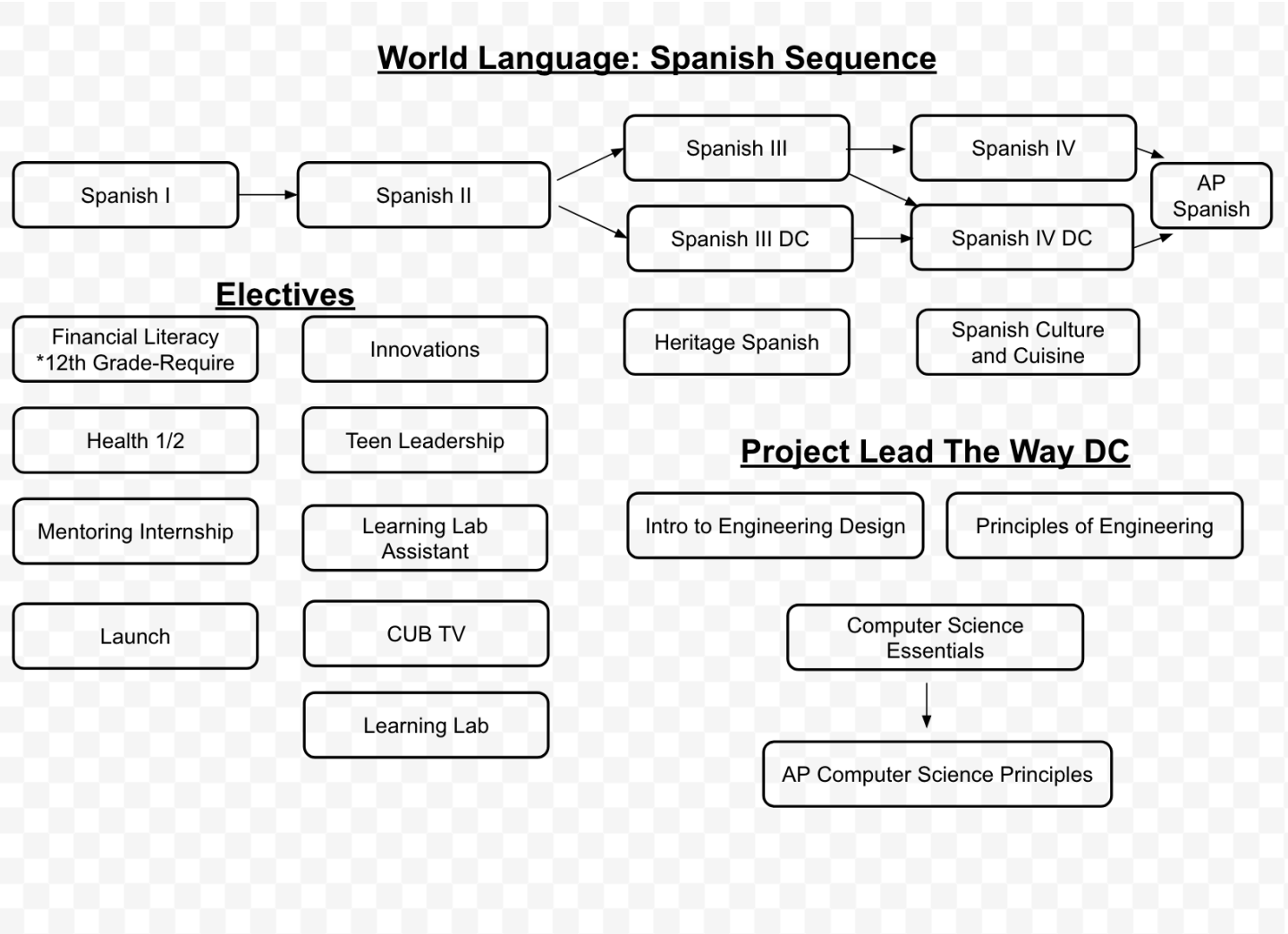
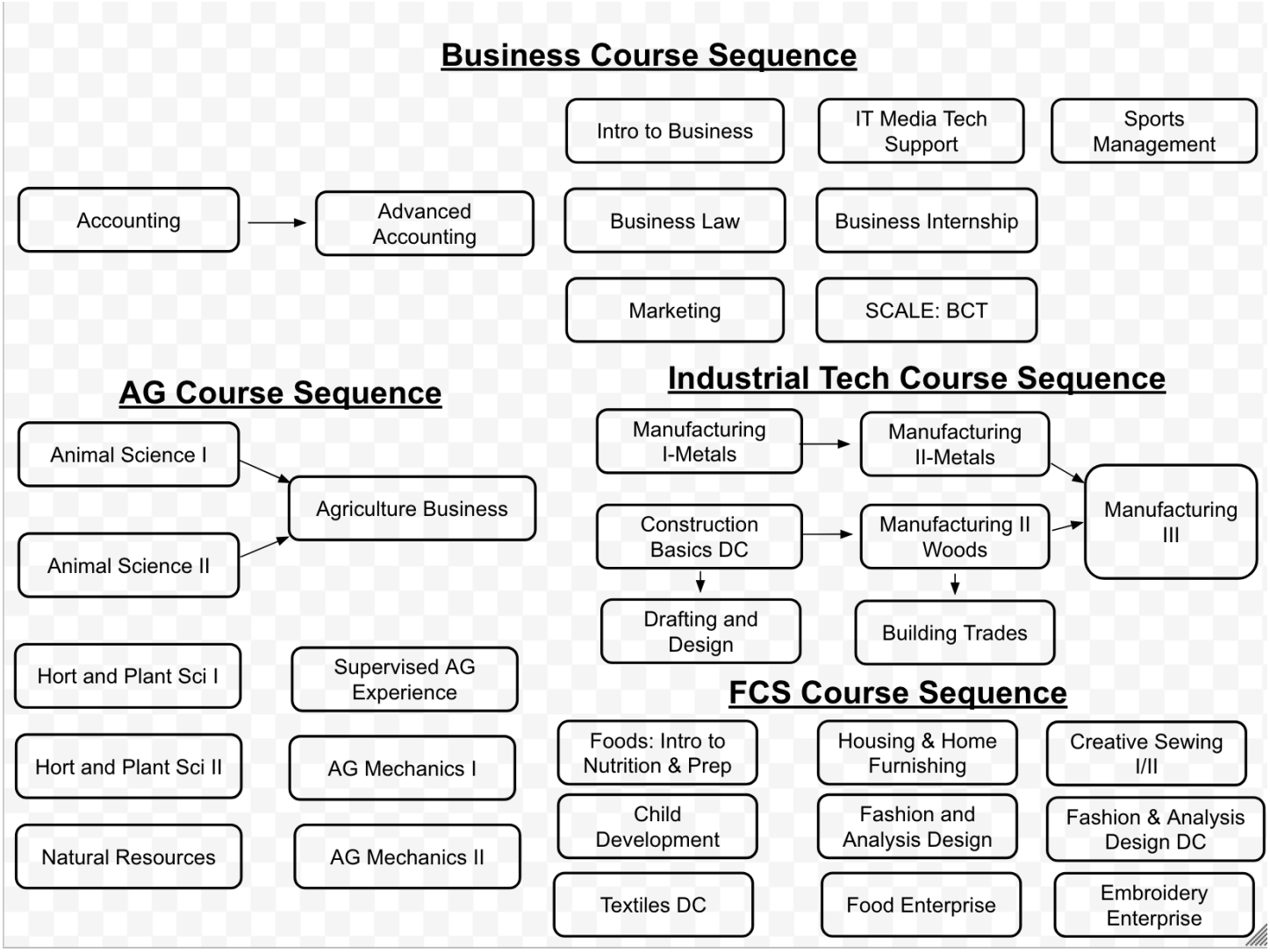
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