



PROPOSAL FOR TAX EXEMPT LEASE PURCHASE FINANCING

Date: January 4, 2013

Customer: Adel-Desoto-Minburn CSD
Adel, IA 50003

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The following is a proposal for the above referenced customer ("Customer") regarding the equipment described herein ("Equipment") by Blue Bird Capital Services/De Lage Landen Financial Services, dba De Lage Landen Public Finance LLC ("DLL") for discussion purposes only.

Notwithstanding anything to the contrary, including, without limit, acceptance by Customer, this Letter is an indication of interest regarding a possible financing transaction on the general terms and conditions outlined herein and should not be construed as a commitment to finance.

Equipment: Two (2) Blue Bird D3FE 4004, and One (1) Blue Bird GS-200C 158WB

Vendor: School Bus Sales Co.
Waterloo, IA 50702

Basic Financing Structure

- * This is a finance/ownership contract.
- * Title to the equipment will be in the name of the Customer.
- * Fixed interest rate for the term of the contract.
- * Financing does not include service and maintenance.
- * Cancellation for convenience or vendor non-performance is not permitted.
- * Payment invoicing and contract servicing will be in the name of De Lage Landen Public Finance LLC.

Summary of Financing Options

Equipment Description:	D3FE 4004	GS-200C 158WB	
Quantity:	2	1	
Equipment Cost (each):	\$92,977.00	\$57,088.00	
Down Payment (each):	\$00.00	\$00.00	
Amount Financed (each):	\$92,977.00	\$57,088.00	
Total Amount Financed:	\$185,954.00	\$57,088.00	
Term (Years):	3	3	
Payment Frequency:	Annual	Annual	
Payment Mode:	Advance	Advance	
Number of Payments:	3	3	
Interest Rate:	2.74%	2.74%	
Total Payment:	\$63,667.54	\$19,545.98	
Total Balloon Payment:	N/A	N/A	
Annual Mileage (per year)	17,000	17,000	

INTEREST RATE LOCK:	Due to the size and timing of the transaction, the interest rates noted herein are provided as indications only, are not locked for any period of time and are subject to indexation prior to funding.
FINANCING RATE INDEX:	The interest rate will be indexed to the Securities Industry and Financial Markets Association Swap/Ask Index ("SIFMA Swap Ask Yield") for the relevant financing term selected. The final fixed interest rate and resulting payments will be determined ten (10) days prior to closing or at the time the Customer places a purchase order for the equipment being financed, as to be mutually agreed by the parties.
PREPAYMENT PROVISIONS:	The Customer will have the option to prepay its obligations in whole, but not in part, on any payment date at a prepayment option price of 102% of the then outstanding principal balance (plus accrued interest to the date of prepayment).
FEES AND EXPENSES:	DLL does not charge any documentation of closing fees. Customer is responsible for all of its own fees and expenses associated with the financing, including any and all fees and expenses incurred or required by advisors it retains.
BANK QUALIFICATION	DLL offers the Customer the same interest rate whether the obligation is "bank qualified" or "non-bank qualified".

GENERAL TERMS AND CONDITIONS

- * This transaction must be designated as tax-exempt under Section 103 of the Internal Revenue Code of 1986.
- * All financing is subject to verification that all costs are eligible for inclusion in a tax exempt financing.
- * Customer is unconditionally obligated to make all scheduled payments (including balloon payment if applicable), subject only to annual appropriation.
- * Any proceeds used to payoff an existing lease or lease purchase agreement must be done via direct payment to the existing leasing company or finance company and based upon a written buyout quote.
- * If state sales tax is applicable to the sale of the Equipment to the Customer, such tax is explicitly NOT the responsibility of DLL. State sales tax may be included in the amount financed.
- * Either DLL or Customer may terminate discussions at any time in its sole discretion.
- * Failure to consummate this transaction once credit approval is granted and the financing documents are drafted and delivered to Customer may result in a documentation fee being assessed.
- * If made, an approval by DLL would be in a separate writing and would be subject to legal and business due diligence and credit review, with results satisfactory to DLL, in its sole discretion.
- * Customer acknowledges that the terms of the financing (if approved) may change before the parties execute final documentation.
- * No financing terms will be binding on either party until Customer and DLL sign definitive documentation.
- * This Letter is not a statement of all terms and conditions of the financing, which terms and conditions would be contained fully in final documentation and would supersede the terms of this Letter.
- * This Letter is intended for the use of the Customer only, and no other party may rely upon or derive any legal rights from this Letter.
- * This Letter is valid for acceptance within 60 days and thereafter shall automatically be deemed to be null and void.

Thank you for the opportunity to present this proposal and for your thoughtful consideration.

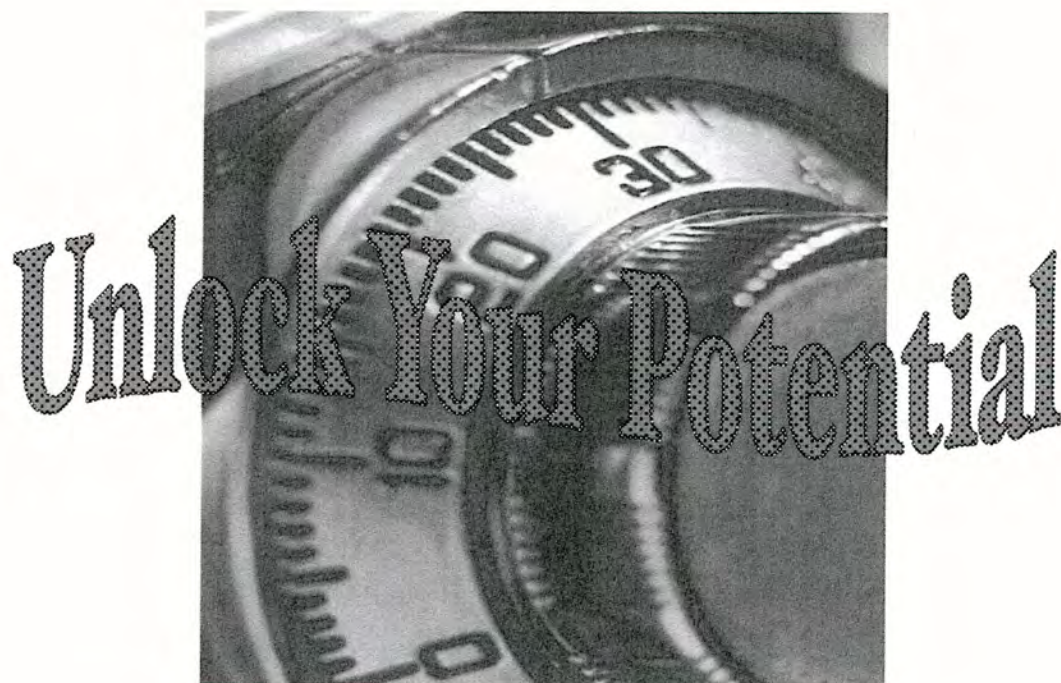
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Adel DeSoto Minburn



High School Course Catalog 2013-2014

Table of Contents

DESCRIPTION	PAGE
Equal Opportunity, Affirmative Action, Multicultural Nonsexist Guidelines	2
Graduation Requirements	2
Honors Diploma	3
Alternative Programming	3
Additional Information	3
Graduating Early	4
Registration Procedures/Schedule Changes	4
Recommended High School Courses for College Admission	4
Regent Admission Index (RAI)	4
Admission Information for ISU, U of I, UNI	5
NCAA Core Courses	6
COLLEGE CREDIT OPPORTUNITIES	7
Advanced Placement Classes	7
Transfer in Courses	8
Concurrent Enrollment Courses	8
Career Advantage and Academies	9
Transcripts	9
ADM Course Information	9
Art	9
Business Education	11
Computers	12
Family and Consumer Science	13
World Language	14
Industrial Technology	16
Language Arts	18
Mathematics	22
Science	26
Social Studies	29
Music (Instrumental and Vocal)	31
Physical Education	32
Other Course Offerings	32
Extra Curricular Activities	35
Career Technical Education: Plans of Study	
ADM Course Catalog Parent/Student Acknowledgement Form	39

3. Any students who score below proficiency on the Iowa Assessments Math section during their Junior year, will be required to take a math course the following year, whether or not they have met or exceeded graduation requirements in math. If a student is required to take a math course because of a low Iowa Test score, the course will be chosen by an agreement between the student, parents, counselor, and math teacher.
4. Any 9th and 10th grade students scoring below proficiency on the Iowa Assessments Reading section will be required to take the Strategic Reading course. Students will continue to qualify for this course based on their Iowa Test scores each year.
5. Students may take only one studio art course per semester, unless there is teacher and administrator permission.
6. PSEO and all college level course grades are included in the students overall GPA. These courses are not weighted. Students are responsible for providing their own transportation to and from these courses. **Students failing these courses or dropping these courses past the deadline WILL be required to repay the cost of the course to the school.**

GRADUATING EARLY

A student may qualify for early graduation if he/she has completed the minimum high school requirements. The student must have approval of their parents, the principal, the superintendent, and the Board of Education. Students planning on graduating at the end of the first semester of their senior year should contact the guidance office by the end of the first semester of their junior year. This will help ensure that all course work required for graduation can be scheduled during the remaining two semesters. Students who graduate early become alumni of the school district and are not allowed participation in school activities, including senior activities, except for prom and graduation ceremonies. The approval of the Board of Education shall be necessary to qualify.

REGISTRATION PROCEDURES/and SCHEDULE CHANGES

A great deal of planning is done based on your 4-year plan. We ask that you register carefully for your classes. Please include two alternate course requests in the event the first choices do not work into your schedule. You and your parent/guardian need to sign your 4-year plan before turning it in to your advisor. **Students may change their schedule the first week of school (five school days).** Students must have parent permission to make the change. Some possible required schedule changes include (but not limited to): Failure in first or second semester course(s), special education placement, failure to meet course prerequisite, shortage of credits in required courses for graduation. 4-year plans will be reviewed each year. During this process students are encouraged to evaluate the courses they have chosen and make changes as necessary based on new interests or future plans. Parents will be required to sign off on these plans each year. In essence, the 4-year plan is a one-year plan with potential courses for the future.

RECOMMENDED HIGH SCHOOL COURSES FOR COLLEGE ADMISSION

4-year colleges vary in their requirements, but generally speaking they strongly recommend the following high school background:

English:	4 years, with emphasis on writing and literature courses
Math:	3-4 years, including Algebra I, Geometry, and Algebra II
Science:	3-4 years
Social Studies:	3 years
World Language:	2-4 years

If you take less than the colleges recommend, you will be at a disadvantage because the Iowa Board of Regents has established the Regent Admission Index (RAI). Each freshman admission applicant will have an RAI score that will be based on the following equation:

ACT composite score	x	2
+ Percentile class rank	x	1
+ Cumulative High School GPA	x	20
+ Number of core courses completed	x	5
= RAI score		

Students who have an RAI score of 245 or greater and the required core subject area courses, will be eligible for automatic admission to any of the Regent schools, www2.state.ia.us/regent/rai.

ADM Core Courses for RAI Calculations

(Regents Schools: ISU, U of I, & UNI)

Language Arts

English I
English II
Honors English II
American Literature
Speech
Contemporary Literature
Composition
AP English Language Composition
Creative Writing
AP Literature and Composition
Strategic Reading
I, II, III

Math

Algebra I
Geometry
Algebra II
Advanced Math/Pre-Calc
AP Calculus
Statistics
World Language
French I, II, III & IV
Spanish I, II, III & IV

Science

Earth Science
Biology
Chemistry
Physics
Environmental Science
Physiology
AP Chemistry
Principles of Biomed

Social Science

Geography
World History
AP World History
American History
AP American History
American Government
Economics
Psychology
AP Psychology
Sociology
AP Government

Iowa State University

Most students going to I.S.U. first enroll in the College of Liberal Arts and Sciences. (The other colleges are Agriculture, Business, Design, Education, Engineering, and Family and Consumer Sciences.) Following are entrance requirements for the College of Liberal Arts and Sciences:

1. RAI score of 245 or greater
2. Complete the following high school courses:
 - English: 4 years (Applied Communications, Communications, Publications, and Reading for Life will not count.)
 - Math: 3 years (Alg. I, Geometry, Alg. II) – Pre-Algebra will not count.
 - Science: 3 years (2 years must be from biology, chemistry, or physics)
 - Social Studies: 3 years
 - World Language: 2 years of a single language (3 years to satisfy L.A.S. graduation requirement)

University of Iowa

Freshmen are admitted to either the college of Liberal Arts or the College of Engineering. Following are entrance requirements for the College of Liberal Arts:

1. RAI score of 245 or greater
2. Complete the following high school courses:
 - English: 4 years (The following will not count: Communications, Publications, Applied Communications, Reading for Life.) Must include one year of composition.
 - Math: 3 years (Alg. I, Geometry, Alg. II) – Pre-Algebra will not count.
 - Science: 3 years (2 must be from biology, chemistry, or physics)
 - Social studies: 3 years**
 - World language: 2 years of a single language (4 years to satisfy U of I graduation requirement)

Not required, but strongly recommended, are courses in the arts and humanities, a computer course, and additional study in math and foreign languages.

University of Northern Iowa

1. RAI score of 245 or greater
2. Complete the following high school courses:
 - English: 4 years (Applied Communications, Publications, Communications, Reading for Life do not count.) Must include one year of composition.
 - Math: 3 years (Alg. I, Geometry, Alg. II) – Pre-Algebra will not count.
 - Science: 3 years
 - Social Studies: 3 years
 - World Language: Students must complete 2 college semesters of a single World language to graduate from U.N.I. This requirement may be met with 2 years of the same language in high school, but a C or better must be earned in the last course.
 - Electives: 2 years (Additional courses from subject areas above are acceptable; may include world language and/or fine arts.)

NCAA CORE COURSES

Athletes who plan to participate in sports at the Division I or II level must earn a qualifying high school grade point average in 16 core courses. The "NCAA Guide for the College-Bound Student-Athlete," which contains the rules and regulations, can be obtained online.

ENGLISH

AP Literature and Composition
AP Language and Composition
American Literature
English Literature and Composition
Composition
Contemporary Literature
Creative Writing
English I
English II
Honors English II
Intro to Speech
Speech

MATHEMATICS

Advanced Math
Algebra I
Algebra II
AP Calculus
Geometry
Statistics

SOCIAL SCIENCE

American Government
AP Government
American History

AP American History
AP Psychology
AP World History
Psychology
Geography
AP Psychology
Sociology
World History

NATURAL/PHYSICAL SCIENCE

Biology (Lab)
Chemistry (Lab)
AP Chemistry (Lab)
Environmental Science
Human Physiology I (Lab)
Human Physiology II (Lab)
Physical Science (Lab)
Physics (Lab)

ADDITIONAL CORE COURSES

Computer Programming
French I, French II, French III,
French IV
Spanish I, Spanish II, Spanish III,
Spanish IV

COLLEGE CREDIT OPPORTUNITIES

PSEO, Career Advantage DMACC Course Requirements

- a. All students **MUST** meet the following criteria to take a PSEO or Concurrent enrollment course; (including our Statistics course)
 - i. Students must be proficient in Math, Reading and Science on the latest Iowa Tests.
 - ii. Students must meet college requirements to take the course. Some courses have GPA requirements and others have a level that needs to be met. (DMACC could require a student to take the Compass test to determine this level).
 - iii. **ONLY 11th and 12th grade students are eligible UNLESS a 9th or 10th grade student is identified GATE and has it in their PEP.**
- b. Career Academy Courses (Perry Center)
 - i. DMACC Perry campus will offer college credit courses available to our students, if students meet enrollment requirements.
 - ii. Students must be proficient in Math, Reading and Science on the latest Iowa Tests.
 - iii. Students must meet college requirements to take the course. Some courses have GPA requirements and others have a level that needs to be met. (DMACC could require a student to take the Compass test to determine this level).
 - iv. 9th and 10th grade students are eligible to take these classes but need to realize they must take the ADM required courses at their grade level and have 3 periods open to be able to take a course off campus. **They are also responsible for their own transportation (school permits will not work for these courses).**

Courses offered through PSEO, Career Advantage, on-line cannot supplant, which means that a college class has **SUBSTANTIALLY** the same concepts and skills as the high school class. Students would be required to take the ADM course. Students, who sign up for a college level course, on-line or at a campus, need to understand the consequences for dropping the course. There are two different grades that are issued for a college level course, a high school grade and a college grade.

If a student drops a course:

- Within the first 10 days of the course start date then the student will not receive a grade on either transcript.
- After the first 10 days, they will receive an F on their high school transcript, but a withdrawal on their college transcript.
- After the specified college-drop date, the student will receive an F on both transcripts.
- Students **MUST** know that if dropping the college level course reduces the student total number of credits below 6, the number required to be a full time student at ADM, they will be ineligible for extra-curricular activities and will be required to be in study-hall.
- **Students failing a college level course will be required to reimburse the school for the cost of the course.**

ADM Advanced Placement (AP) Courses

Students who are interested in taking AP courses need to have the motivation and perseverance to complete college-level work. The ultimate goal is successful completion of the AP exam offered in May by the College Board. This allows students the potential to earn three or more college credits per class.

Students at Adel Desoto Minburn High School may enroll in Advanced Placement classes at the high school. The curriculum is equivalent to a first year college course. This accelerated pace course requires students to gain teacher and parental approval. The student is encouraged to take a post-test (at their expense) to also qualify for college credit for the course. Students, who qualify for college credit, by earning a 3, 4 or 5 on the exam, will be reimbursed a portion of the test expense.

All AP courses will be graded, count into the students GPA and affect a students class rank. Students who take the AP exam receive a weighting of one quality point on their GPA. Students who do not take the AP exam will not receive a weighted grade. We report these weighted and unweighted grades on report cards and transcripts. Along with the grades we report weighted and unweighted class rank on a student's transcript.

AP Courses offered at ADM High School:

Calculus
Chemistry

English Language and Composition
 English Literature and Composition
 Government and Politics: United States
 Music Theory
 Psychology
 Statistics
 United States History
 World History

AP classes **NOT OFFERED AT ADM HIGH SCHOOL** may be taken on-line. These courses will be weighted on the same method that our in-house AP courses are weighted, one point if the AP exam is taken.

Percentage	Grade	Non-weighted Quality Points	Weighted Quality Points
100%	A+	4.0	5.0
95%	A	4.0	5.0
93%	A-	3.67	4.67
91%	B+	3.33	4.33
87%	B	3.0	4.0
85%	B-	2.67	3.67
83%	C+	2.33	3.33
80%	C	2.0	3.0
78%	C-	1.67	2.67
76%	D+	1.33	2.33
72%	D	1.0	2.0
70%	D-	.67	1.67
Below	F	0.0	0.0

TRANSFER IN COURSES including AP

Students that transfer into ADM will have their transcripts evaluated by the principal or designee. Student grades will be converted to the ADM grading scale; for example if the student earned a B in the previous district, that B will be converted to ADM's grading scale for grade point average. Student's class rank will be assigned based on their ADM GPA.

Students transferring in to ADM High School with Advanced Placement courses will be allowed to have these AP courses weighted on the same scale as ADM's AP course under these conditions: The AP course must have been taken during or following the 2010-2011 school year. AP courses taken prior to when ADM started weighting AP courses, will not be weighted. Students must show proof that they took the AP end of course exam. Academic recognitions by the ADM Community School District will include both weighted and non-weighted grading systems. (i.e. grade point averages, class rank, graduation honors, etc.)

CONCURRENT ENROLLMENT CLASSES

Concurrent enrollment classes automatically count as college credit and high school credit upon successful completion of the course. Dual enrollment courses offered at ADM High School:

AP Statistics (weighted grade for the high school credit portion)

CAREER ADVANTAGE AND ACADEMIES

Career Advantage classes are high school sections of college classes and are, except for career academy classes, taught by high school teachers certified as DMACC teachers. Students can earn college credit in both Career Advantage and Career Academy classes. Career Academy courses are multiple courses in a content area bundled together. Students must register for all of the courses in a bundle. Career Academy courses are a set of integrated courses in a number of vocational areas, the classes would involve the student spending a block of the day at a DMACC campus and half a day at ADM. ***The student would be responsible for transportation*** and the high school would pay the cost for all successfully completed, with a D or higher, in the class. Applications for this course work are available in the counseling office.

<u>Programs</u>	<u>College Credit Hours Available</u>
Agriculture	6
Automotive Collision	15
Automotive Technology	11 (ADM Pre requisite: Small Engines)
Criminal Justice	16
Culinary Arts	12
Diesel	12
Health Occupations	12
Information Technology/	14
General Business	12 (ADM Pre requisite: 1 year Accounting)
Building Trades	12 (ADM Pre requisite: Introduction to Construction)
Fashion Design	12
Teacher Academy	8
Welding	9 (ADM Pre requisite: General Metals)
Career Work Experience	13
PLTW Years Three and Four	6

Course descriptions for all AP courses are found below in the ADM Course Information section. Students can find course descriptions for Career Academy and Dual Enrollment courses through the high school counseling office. Please read the descriptions carefully to be sure you are meeting all the prerequisites and are at the correct grade level to take the course.

TRANSCRIPTS

Student transcripts generated by ADM will include both non-weighted and weighted grade point averages as well as both non-weighted and weighted class ranks. Students trying to qualify for any academic recognition will be able to use the scale that provides the best opportunity to for them to qualify.

ADM Course Information

ART

ART FUNDAMENTALS

(1 year)

Elective

Grade 9 -12

This class is required before taking other art classes (except for Jewelry and Digital Photography). This course is a survey and utilization of basic art areas such as drawing, ceramics, printmaking, painting, and mixed media. The elements of art and principles of composition will be reviewed and applied to each unit studied. Originality and self-expression are encouraged. The course should enable the student to find his/her own artistic strengths and to help in the selection of advanced art classes.

ART II: MIXED MEDIA

(1 semester)

Elective

Grades 10 - 12

Prerequisite: Art Fundamentals

This class is designed for the student who has completed Art Fundamentals and wishes to continue working in a variety of media creative combinations of media. The student will continue to develop technical skills and original expression. Sophomore level students are encouraged to consider this course.

CERAMICS Semester I

(Semester 1) Elective

Grades 10 - 12

Prerequisite: Art Fundamentals

This class explores various techniques of clay: hand-built, thrown pottery, ceramic sculpture and glazing. The student will have the opportunity to work with earthenware, stoneware and raku clay. An outdoor firing will give the students the opportunity to use raku technique (developed in Japan) and/or blackware (developed by Native American culture.)

CERAMICS Semester 2

(Semester 2) Elective

Grades 10 - 12

Prerequisite: Art Fundamentals

A "two-track system in this class will allow students who have not taken a semester of Ceramics to take the class while following the curriculum for Ceramics Semester 1 class. Those who have taken a semester of Ceramics will follow a more advanced track having a opportunity to explore more advanced independent projects and will have more opportunity to develop throwing skills on the potter's wheel. Students in both tracks will take part in this semester's outdoor raku firing.

PAINTING AND DRAWING

(1 semester) Elective

Grades 10 - 12

Prerequisite: Art Fundamentals

This class is for the student who enjoys working in two-dimensional media. The student will use a variety of drawing media: graphite, charcoal, pastel, and ink. Painting media will include watercolor, tempera, acrylic and oils. Focus will be on developing technical skill with creative expression. Art history will also expose students to various styles and ways to help students explore their own style of painting and drawing.

DIGITAL PHOTOGRAPHY

(1 semester) Elective Grades 9-12

Students will learn how to use a digital camera as an art tool, applying the principles of design and composition to their work. Students will also learn to use computer software Adobe Photoshop Elements to enhance and alter photography. Students are required to have a digital camera and flash drive to use for this course.

DESIGN

(1 semester) Elective

Grades 10 -12

Prerequisite: Art Fundamentals

Design students will explore the use of design in art, especially in the areas of marketing and commercial art. They will use their own creativity using mostly drawing and painting with attention to elements and principles of art. They will also use computer software such as Adobe Photoshop Elements to explore the rising field of graphic art in today's market place.

JEWELRY

(1 semester) Elective

Grades 9 - 12

This course will explore various metals and other jewelry media as an expressive art form with the emphasis on excellent craftsmanship. Skills learned will include sawing, forming, etching, soldering, and stone setting. Students will also have the opportunity to explore the making of glass beads. A variety of metals will be available for use such as brass, copper, and nickel silver. There will be charges for the expense of any optional findings, stones and/or more expensive metals.

JUNIOR-SENIOR ART STUDIO

(semester 1) Elective

Grades 11, 12

This class is for the upper-level high school artist who has a good background in a variety of media. It is suggested that the student have 3-5 previous semesters of art. Individual projects will allow the student to expand on his/her area of strength. This class is for the serious art student with initiative that desires to take their art to a higher level.

JUNIOR-SENIOR ART STUDIO II

(semester 2) Elective

Grades 11, 12

This course follows the same curriculum as Junior-Senior Art Studio I and may be taken without previous Junior-Senior Art Studio I. (See above course description.)

BUSINESS EDUCATION**GENERAL BUSINESS**

(1 semester)

Elective

Grades 9 - 12

The purpose of this course is to prepare students to more effectively handle the business problems that confront them daily, as well as to have a more complete understanding of how to be an effective consumer in today's society. Areas of study include consumer rights & responsibilities, banking, insurance, use of credit, budgeting, and investments.

BUSINESS LAW

(1 semester)

Elective

Grades 10 - 12

The purpose of this course is to familiarize the student with his or her legal rights and responsibilities as they apply to daily life. Among the areas covered are the constitution, crimes, torts, laws for special groups (minors, families, consumers), and contract law.

MARKETING

(1 year)

Elective

Grades 10 - 12

The purpose of this course is to introduce students to the important role marketing plays in the business world. Marketing will expose students to the basic marketing functions. These include seven marketing core functions that define all the aspects and career areas related to marketing: channel management, marketing information management, market planning, pricing, product/service management, promotion, and selling (entrepreneurship).

ACCOUNTING

(1 year)

Elective

Grades 10 - 12

The purpose of this course is to familiarize students with accounting procedures and forms. The complete accounting cycle is covered. This includes recording transactions in the journal, sorting and summarizing (posting) in the ledger, the work sheet, and making financial statements.

AUTOMATED ADVANCED ACCOUNTING

(1 semester)

Elective

Grades 11, 12

Prerequisite: able to demonstrate mastery of the competencies studied in Accounting

The students will use the computer to record, analyze, and print statements related to the accounting cycle. This course will build on the beginning accounting principles and go into great detail on additional principles such as departmentalized, partnership, corporation, management, and cost accounting.

Computers

DIGITAL TOOLS

(1 sem)

Grades 9-12

x

No prerequisite

This course introduces students to the Google Apps suite used at ADM Schools, as well as to other collaborative and interactive technology tools. Students will become proficient in all of the Google Apps toolset, including word processing, spreadsheets, presentations, drawings, and forms, and will learn to collaborate and share information within that framework. Technology tools that will be utilized include apps such as Prezi, Wordle, Diigo, Symbaloo, SketchUp, and Google Earth.

INTRODUCTION TO WEB DESIGN

(1 sem)

Grades 9-12

x

No prerequisite

This class will introduce students to web design, including HTML coding, use of web design software (Adobe Dreamweaver), and Cascading Style Sheets. Students will also learn basic web design principles and publish projects to a web server.

INTERMEDIATE WEB DESIGN

(1 sem)

Grades 9-12

-

Prerequisite: Introduction to Web Design

Building upon the Introduction to Web Design course, Intermediate Web Design focuses on developing advanced Cascading Style Sheet skills, and introduces students to mobile layouts (for tablets and smart phones) and other specialized layouts. Further, students will learn the basics of PHP, a server-side programming language that allows students to develop dynamic and interactive websites.

DYNAMIC WEB DESIGN

(2 sem)

Grades 10-12

v

Prerequisite: Intermediate Web Design

Will be offered in 2014-2015. This course builds upon the Intermediate Web Design course by providing students with the skills to develop advanced, dynamic websites. Students will learn advanced PHP skills, database design and querying (using MySQL), how to establish website data connections, and will be introduced to languages such as PERL and AJAX. Completion of the web design strand of coursework will prepare students for post-secondary education in digital design and computer science.

INTRODUCTION TO AUDIO/VIDEO EDITING

(1 sem)

Grades 9-12

x

No prerequisite

Students in this course will gain a basic introduction to photography, videography, and audio/video editing using tools such as Adobe Premiere, Garage Band, and Audacity. Students will learn to storyboard a project, create screen casts, and to publish their work online.

ADVANCED VIDEO EDITING

(1 sem)

Grades 9-12

v

Prerequisite: Introduction to Audio/Video Editing

This course builds upon the topics introduced in Introduction to Audio/Video Editing by focusing on advanced skills using Adobe Premiere. Students will learn to develop complex topics, manage media assets, utilize audio for visual enhancement, and learn to use all Adobe Premiere functions. Completion of the video editing course strand will prepare students for post-secondary education in digital design.

INTRODUCTION TO COMPUTER PROGRAMMING

(1 sem)

Grades 9-12

Prerequisite: Concurrent enrollment in Algebra I

This course will introduce problem solving and using the True Basic language. It will introduce fundamental structured programming techniques such as algorithms, drawing flow charts, and developing programs that include loops and subroutines. Programs that use sorts and math topics such as matrices will be written.

ADVANCED PROGRAMMING

(1 sem)

Grades 9-12

Prerequisite: Introduction to Programming

This class will take students who have successfully completed Computer Programming and expose them to more advanced ideas and uses for programs. Students will continue to work with basic programming algorithms and structures but with the Object Oriented Programming language to create programs. They will also learn to create applets that can be used with web pages.

PLTW COMPUTER SCIENCE

(2 sem)

Grades 9-12

Prerequisite: Concurrent enrollment in or completion of Algebra I

Will be offered in 2014-2015

AP COMPUTER SCIENCE

(2 sem)

Grades 10-12

Prerequisite: PLTW Computer Science (2 sem) and concurrent enrollment in or completion of Algebra II

Will be offered in 2015-2016. Completion of the computer science course strand will prepare students for post-secondary education in computer science.

FAMILY AND CONSUMER SCIENCE**FAMILY CONSUMER SCIENCE 1**

(1 semester) Elective

Grades 9-12

The first portion of the class is focused on food and nutrition. We study eggs, fruits, quick breads and muffins, and biscuits. We also learn how to use various small appliances in the kitchens and ways to create meals in a short amount of time. The second portion of the class focuses on housing. We study the architectural designs of houses, principals of design, and how to make our homes comfortable and environmentally friendly.

FAMILY CONSUMER SCIENCE 2

(1 semester) Elective

Grades 9-12

This class is broken into two parts. We will focus on child development from conception to infants and how to care for them. There will also be discussions about human sexuality and the many types of birth control. We will also learn about sewing and create a project. We will make either a T-Shirt quilt or a babyquilt, which can be donated.

FOODS 1

(1 semester) Elective

Grades 10-12

Prerequisite: Successful completion of FCS 1 or mastery of a written and practical exam.
(Completion of Exploratory FCS does NOT qualify).

There is much more to making a meal than just cooking and baking. In this class we learn about the science of foods, how to purchase, and how to prepare our foods. Nutrition is a focus, as well

as meal planning and consumer purchasing. In this class we will cook various types of meats, pastas, quick breads, and recipes using fruits and vegetables.

ADVANCED FOODS

(1 semester) Elective

Grades 10-12

Prerequisite: Successful completion of Foods or master of a written and practical exam.

This class will help prepare us for working outside of the classroom. Learning garnishes, meal planning, food preparation, and purchasing of large quantities will be a focus in this class. Specific foods we will work with are cake decorating, meats, fruits, vegetables, and grains. We will also explore career options for people in the food industry.

CHILD DEVELOPMENT

(1 semester) Elective

Grade 11-12

Responsibilities and rewards of parenthood will be emphasized throughout this course. Meeting the special needs of children will be included with the study of the physical, mental, social and emotional development of children. Students will be given as many opportunities as possible to work with and observe children. We will create games and activities for children to learn and play with. Baby simulators will give students realistic baby care needs.

FAMILY LIVING

(1 semester) Elective

Grades 9-12

We look into different parenting styles, family situations, and family life. We look at many cultures and how they differ from our own. There are many aspects to family life from communication to taking care of children. Marriage and life style are important aspects to a family and we look into how those can differ from our own.

FOREIGN LANGUAGE

FRENCH I

(1 year)

Elective

Grades 9 – 12

Prerequisite: Completion of current English class with a **C- or above, proficient or above** on the Iowa Assessments Reading Test, or teacher recommendation.

In French I, students learn the basic grammatical structures and vocabulary for simple communication in French. Emphasis is on the spoken language, which is practiced in small groups, pairs, and individually. Listening, reading, and writing are also emphasized as a means to acquire fluency. The culture, civilization and geography of French-speaking countries will be introduced, including a study of festivals and holidays. Many everyday situations, which one would encounter as a traveler in French-speaking countries, provide material for study. Realia from Francophone countries, the Internet, literature, film clips, and authentic cooking projects provide a cultural context for the student.

Students must pass the first semester to continue to second semester. To enroll in French II, student's in French I must pass with a **C- or higher or teacher recommendation**.

FRENCH II

(1 year) Elective

Grades 10 - 12

Prerequisite: Must pass French I with a **C- or higher or teacher recommendation**.

French II builds on the skills and concepts learned in French I. Students will explore the French and Francophone world more in depth, including a study of the regions of France. Oral and written activities provide practice in speaking, listening, writing, reading, and cultural understanding both in-group and individual settings. Emphasis is on the spoken language and students are expected to speak in French when possible. Realia from Francophone countries, the Internet, literature, film clips, and authentic cooking projects provide a cultural context for the student.

Students must pass first semester to continue to second semester.
Students must pass second semester with a **C- or higher** to continue on to French III.

FRENCH III

(1 year) Elective Grades 11 - 12

Prerequisite: French II grade of **C- or higher**

With a course-long emphasis on oral communication, French III begins with a review of grammar previously studied in French II. Students are expected to participate as much as possible in French and the class is conducted in French. In addition to advanced grammar study, students will embark on the study of the French history and architecture. Realia from Francophone countries, the Internet, literature, film clips and authentic cooking projects provide a cultural context for the student.

Students must pass first semester to continue to second semester.
Students must pass second semester with a **C- or higher** to continue on to French IV.

FRENCH IV

(1 year) Elective Grade 12

Prerequisite: French III grade of **C- or higher**

Grammar and vocabulary previously learned is reviewed, used in a contextualized manner and expanded. Oral proficiency is emphasized and students are expected to participate fully in French. Students will read French literature excerpts and continue the study of French history and architecture. Topics relating to current world issues involving Francophone countries will be discussed. Francophone Realia, art, film clips, and authentic cooking projects are used to supplement cultural studies. Class discussions will be held in French.

SPANISH I

(1 year) Elective Grades 9 – 12

Prerequisite: Completion of current English class with a **C- or above, proficient or above** on the Iowa Assessments Reading Test, or teacher recommendation.

Students learn the basic grammatical structures and vocabulary for simple communication in Spanish. Studies include an introduction to customs and geography of the Hispanic countries of the world. Speaking, listening, reading and writing are emphasized as a means to acquire fluency.

Students must pass the first semester to continue to second semester. To enroll in Spanish II, students in Spanish I must pass with a **C- or higher or teacher recommendation**.

SPANISH II

(1year) Elective Grades 10 - 12

Prerequisite: Must pass Spanish I with a **C- or higher or teacher recommendation**

Spanish II builds on the skills and concepts learned in Spanish I, and emphasizes improved communication, writing, and reading skills through the study of more advanced grammatical structures and vocabulary. Vocabulary and grammar are incorporated into thematic units. Students are expected to use Spanish in the classroom every day.

Students must pass first semester with a grade of **C- or higher** to continue to second semester.
Students must pass with a **C- or higher** to continue on to level III.

SPANISH III

(1 year) Elective Grades 11 - 12

Prerequisite: Spanish II grade of **C- or higher**

In this course the skills learned in Spanish I and II will be expanded and applied to reading, understanding the spoken language, and speaking more fluently. There is an emphasis to express self correctly. Advanced grammar structures are introduced as well as Spanish Literature. Students are expected to speak in Spanish when possible.

Students must pass first semester to continue to second semester.

Students must pass second semester with a **C- or higher** to continue on to level IV.

SPANISH IV

(1 year) Elective Grade 12

Prerequisite: Spanish III grade of **C- or higher**

Students will refine their communication skills and work to improve their ability to reason and explain their own thoughts and views in Spanish. Studies include Spanish Literature, an in-depth view of Spain and Mexico, and using advanced grammatical structures accurately. Students are expected to use Spanish.

INDUSTRIAL TECHNOLOGY



Pathway To Engineering

PROJECT LEAD THE WAY

Introduction to Engineering Design (PLTW)

(1 year) Elective Grades 9-12

Prerequisites: Successful completion of or Concurrent Enrollment in Algebra or Geometry. Also refer to the College Credit Opportunity section b, letter ii; students must meet the 41st percentile proficiency rank in Math, Reading Comprehension and Science.

Introduction to Engineering Design (IED) is a high school level course that is appropriate for 9th or 10th grade students who are interested in design and engineering. The major focus of the IED course is to expose students to design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. IED gives students the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based (APPB) learning. Used in combination with a teaming approach, APPB-learning challenges students to continually hone their interpersonal skills, creative abilities and understanding of the design process. It also allows students to develop strategies to enable and direct their own learning, which is the ultimate goal of education.

PRINCIPLES OF ENGINEERING

Elective Grades 10-12

Required: Introduction to Engineering

Also refer to the College Credit Opportunity section b, letter ii; students must meet the 41st percentile proficiency rank in Math, Reading Comprehension and Science.

Principles Of Engineering (POE) is a high school-level survey course of engineering. The course exposes students to some of the major concepts that they will encounter in a postsecondary

engineering course of study. Students have an opportunity to investigate engineering and high tech career POE gives students the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based (APPB) learning. Used in combination with a teaming approach, APPB learning challenges students to continually hone their interpersonal skills, creative abilities, and problem solving skills based upon engineering concepts. It also allows students to develop strategies to enable and direct their own learning, which is the ultimate goal of education.

CIVIL ENGINEERING

Elective Grades 11-12

Prerequisites: Introduction to Engineering and Principles of Engineering

Civil Engineering and Architecture is the study of the design and construction of residential and commercial building projects. The course includes an introduction to many of the varied factors involved in building design and construction including building components and systems, structural design, storm water management, site design, utilities and services, cost estimation, energy efficiency, and careers in the design and construction industry.

The major focus of the CEA course is to expose students to the design and construction of residential and commercial building projects, design teams and teamwork, communication methods, engineering standards, and technical documentation. Students will analyze, design and build electronic and physical models of residential and commercial facilities.

Digital Electronics (DMACC in Perry)

(1 year) Elective Grades 11-12

Prerequisites: Introduction to Engineering and Principles of Engineering. Students will need 3 periods of time to take this course.

Digital electronics is the foundation of all modern electronic devices such as mobile phones, MP3 players, laptop computers, digital cameras and high-definition televisions. Students are introduced to the process of combinational and sequential logic design, engineering standards and technical documentation. This course is designed for 10th or 11th grade students.

GENERAL METALS

(1 sem) Elective Grades 10 - 12

Recommended: Introduction to Construction I and II

Students who enroll in this course will have the opportunity to be informed of occupations in the metals industry, develop an appreciation of good design and craftsmanship, develop good safety and health practices and enjoy valuable experiences with metalworking tools, materials, and processes. The specific areas involved will be heat-treating foundry, forging, bench metal, sheet metal, and welding.

CABINETRY

(1 sem) Elective Grades 10 - 12

Recommended: Introduction to Construction

This course will develop skills needed in the making of furniture, cabinets, and other items related to construction. The focus will be on skills needed in the construction industry.

INTRODUCTION TO CONSTRUCTION I

(1sem) Elective Grades 9 - 12

This course introduces the concepts of basic construction safety, basic construction math, hand tools, power tools, blueprint reading, and basic rigging. This course will also introduce students to some beginning construction skills. Students will learn electrical safety, codes, and techniques of residential wiring and basic construction techniques of residential, industrial, and commercial wood frame buildings.

INTRODUCTION TO CONSTRUCTION II

(1 sem) Elective Grades 9 - 12

This course is the second level of Introduction to Construction. The class covers an in depth study of residential and commercial wiring systems. This course also covers the use and skills needed to operate hand tools and power tools, and techniques used in the construction of commercial, industrial and residential buildings.

SMALL ENGINE FUNDAMENTALS

(1 sem) Elective Grades 9 – 12

The course will provide the student with knowledge of the basic fundamentals of the various types of engines. It will provide hands-on experiences with safety in a small engine workshop, engine construction, tools and techniques for small engine repair, 2-cycle engines, 4-cycle engines, fuel and emission control systems, carburetion, ignition systems, cooling systems, piston service and more. It will also provide the student with information to choose the correct engine for a particular job.

LANGUAGE ARTS

GENERAL READING

(1 sem) English credit Grades 9-12

Prerequisites: Teacher permission

General Reading is a class that works on reading skills at the reading level of the individual student. Students are in this class by permission of the teacher only. The class focuses on reading comprehension strategies, vocabulary, re-teaching opportunities, developing an interest in reading. Students earn an English credit toward graduation.

STRATEGIC READING 1*

(1 sem) English Elective Credit Grade 9

Prerequisites: Iowa Assessment Scores

Strategic Reading is designed for students needing to further develop specific reading skills and strategies relevant to successful textbook reading, reading for pleasure, and/or reading on standardized tests. Students will study two whole-class books (one fiction, one non-fiction) to practice these skills and strategies. Small groups will study other texts together for additional practice. They will also progress through a series of independently read books, chosen from our classroom library, working to apply skills and strategies continually and in many different contexts. Success in the class depends on the student's classroom participation and a dedication to continual practice and improvement. **8th grade students scoring below proficiency on the Iowa Assessments reading test will be required to add this course.** Strategic Reading will fulfill an English requirement for graduation as well as meet the English requirements for all three regent schools.

****Approval by administration is required to register for this course.***

STRATEGIC READING 2*

(1 sem) English Elective Credit Grades 10

Prerequisites: Iowa Assessment Scores

Strategic Reading 2 is a continuation of Strategic Reading I. It is designed for students needing to further develop specific reading skills and strategies relevant to successful textbook reading, reading for pleasure, and/or reading on standardized tests. Students will study two whole-class books (one fiction, one non-fiction) to practice these skills and strategies. Small groups will study other texts together for additional practice. They will also progress through a series of independently read books, chosen from our classroom library, working to apply skills and strategies continually and in many different contexts. Success in the class depends on the student's classroom participation and a dedication to continual practice and improvement. **9th and 10th grade students scoring below proficiency on the Iowa Assessment reading test will be required to add this course.** Strategic Reading will fulfill an English requirement for graduation as well as meet the English requirements for all three regent schools.

****Approval by administration is required to register for this course.***

STRATEGIC READING 3*

(1 sem) English Elective Credit Grade 11

Prerequisites: Iowa Assessment Scores

Strategic Reading 3 is a continuation of Strategic Reading 2. This elective English course is designed for students needing to further develop specific reading skills and strategies relevant to successful textbook reading, reading for pleasure, and/or reading on standardized tests. As in Strategic Reading I, students will study whole-class novels, engage in small-group study, and read a series of independent books. The course differs from Strategic Reading I in the texts to be read, reading expectations, and the rigor of assessments to be used. 10th grade students scoring below the 50th percentile on the Iowa Assessment reading test will be required to add this course. Strategic Reading will fulfill an English requirement for graduation as well as meet the English requirements for all three regent schools.

****Approval by administration is required to register for these courses.***

APPLIED COMMUNICATIONS

(1 sem) Elective Grades 11, 12

Students will practice a variety of practical verbal communication skills and written communication forms. Verbal communication includes persuasive presentation, business meeting reports, debate, and interviews. Written communication forms include business letters, e-mails, research reports, persuasive appeals, and project proposals. Students will also engage in a series of group projects, all based on practical situations from the business world. A cumulative review of job-related portfolio documents will help students prepare to enter the workforce after graduation. Not recommended for college-bound students.

ENGLISH I

(1 year) Required Grade 9

English I is designed to broaden the students' knowledge of the English language and to increase their ability to share worthwhile ideas with others. Stress is placed upon writing, literature, reading comprehension, vocabulary, and effective verbal and nonverbal communication skills. Students are urged to use correctness of expression in both the spoken and the written word. The class is primarily divided into the two major areas of reading and writing. In the writing unit, the mastery of mechanics is integrated with the expression of one's well-supported opinions. In the reading unit, students will focus on the short story, play, essay, poetry and novel.

ENGLISH II

(1 year) Required Grade 10

Prerequisite: Successful completion of English I or concurrent enrollment in English I

English II is a year-long course designed to develop the students' writing, reading, thinking and literary analysis ability. The writing strand of the course involves styles of paragraph writing and essay composition with a goal of understanding the basic concepts. Within the literature strand of this course, students explore the short story, essay, novel, play, and poetry with a goal of understanding literary terms and using these to analyze the literature genre. The mastery of the mechanics of the language is integrated within the writing process.

Honors ENGLISH II

(1 year) Elective Grade 10

Prerequisite: Successful completion of English I

Honors English II is a year-long course designed to develop the students' writing, reading, thinking, and literary analysis ability. The writing strand of the course involves styles of paragraph writing, essay composition, creative expression with a goal of understanding the basic concepts of organization, voice, and mechanics. The literature strand explores five different genre. Mastery of correctness in writing is integrated. This course differs from regular English II sections in that materials and expectations will encourage higher order thinking. Expectations for writing, reading and thinking will be higher. The selection of reading material and the pace will be more challenging. This section will be capped at 25 students. Selection will be based on standardized test scores and teacher recommendation.

AMERICAN LITERATURE

(1 sem) Elective Grades 11, 12

Prerequisite: Successful completion of Composition or teacher approval

Strong reading and writing skills recommended

Study begins with an exploration of the major themes of American literature and continues with an anthology of American writings arranged chronologically from the seventeenth century up to the Civil War. Throughout the course, study is made of American literature in five different genres: the short story, the essay, the novel, the play and the poem. The writer and his/her philosophy, the people and their lifestyle, and literary and artistic and historical periods are studied. In addition writing skills will be honed through analytical essays and creative process.

CONTEMPORARY LITERATURE

(1 sem) Elective Grades 11, 12

Prerequisite: Successful completion of Composition or teacher approval

Strong reading and writing skills recommended

This course explores the major themes of American literature from the 1860's to the present. It includes extensive reading in a variety of genres and writing in response to the reading. The historical context, the individual writers and their philosophies, and the literary/artistic periods are discussed. In addition, writing skills will be improved through various analytical essays and creative process.

READING FOR LIFE

(1 sem) Elective Grades 11, 12

Students will read a variety of fiction and nonfiction texts of their choice en route to reaching the 1000 page semester reading goal. All students will be engaged in reading strategies that, if used, will make them stronger, more efficient readers. An individual conference with the teacher or a written book report will follow the completion of each text. Weekly progress monitoring and use of daily reading time are factors in student grades. Most colleges do not recognize this course for satisfaction of admissions requirements.

AP ENGLISH LITERATURE AND COMPOSITION

(1 year) Elective Grades 11, 12

Recommendation: Successful completion of Composition or teacher approval

AP English Literature and Composition offers the capable English student an opportunity to study different genres of literature by various authors and to develop an understanding of morals, ideals, and values as they are preserved in a literary heritage. Literature will include contemporary selections as well as traditionally studied works and translations. All units will maintain a focus on the humanities and how they affect both writers and readers. Special attention will be paid to elements, including history, religion, philosophy, art, music, etc., that create a culture and world view. A study of Greek mythology introduces cultural development and provides an understanding for allusions in later literature. Chronologically, authors and writing through the Renaissance will be augmented with thematic literature from America, Europe, and Asia during both semesters of study. The study of theories of literary analysis will allow students to write several essays studying different selections. Another facet of the course incorporates college-level writing of analytical and research papers based on individual thought

as well as careful research. MLA documentation will be used though comparisons will be made to APA style. Taking this course should prepare students to take the AP Literature and Composition test. This is a weighted class if the student takes the AP exam.

SPEECH

(1 sem) Required Grades 11

This one semester course is a study of the basic concepts of communication, from dealing with stage fright to writing and presenting a strong speech. Emphasis will be placed on the communication process, verbal and non-verbal communication, researching topics, outlining, writing speeches, and delivery techniques. During the course of the semester, students will be required to write and deliver a number of different speeches including informative and persuasive speeches.

PUBLICATIONS

(1 year) Elective Grade 12

Prerequisite: Successful completion of Composition or teacher approval

Publications is basically a lab class for yearbook production. Instruction in organization and production of a book, theme development, graphics and design, and copywriting will be approached from a journalistic view. Since this qualifies as an English credit, writing and editing will be emphasized, with all students developing and honing those skills. Students assume business responsibility for selling advertising space, selling and distributing books, and maintaining a balanced budget and account. The course emphasizes the use of computer technology in publishing. Two to four junior students will be admitted to Publications upon filing an application and being approved by the teacher. They will be expected to become editors. Second-year Publications students guide and direct the first-year students in all areas of development as well as accept leadership and managerial responsibilities. This course will not be accepted by Iowa State University, the University of Iowa, or the University of Northern Iowa as completed high school English credit. In addition, the NCAA will not accept it for participation at Division I or Division II schools. Other schools in Iowa (private colleges and community colleges) will accept it. Students should take additional English classes if they are affected. Students should also check with out-of-state schools if they are considering attendance there.

COMMUNICATIONS

(1 year) Elective Grades 9-12

Prerequisite: Demonstrate mastery of the competencies studied in English II

Communications composes the monthly issue of the school newspaper, Tiger Times, the school newsletter, Tiger Tribune, and other publications. Objectives of the course include interviewing, reporting, and writing news, feature, editorial, and sports articles. Students will discuss the responsibility of the press to accurately cover all newsworthy events related to the Adel DeSoto Minburn Community School District as well as examine press ethics and laws. Students will demonstrate copy, editing skills. Computer skills concerned with printing are also mastered. Students continuing the course in the second year will hone and perfect acquired writing skills from the previous year as well as assume managerial, business, and editorial positions. In addition, the advanced students will guide and direct the first-year students in all areas of development. This course will not be accepted by Iowa State University, the University of Iowa, or the University of Northern Iowa as completed high school English credit. In addition, the NCAA will not accept it for participation at Division I or Division II schools. Other schools in Iowa (private colleges and community colleges) will accept it. Students should take additional English classes if they are affected. They should also check with out-of-state schools if they are considering attendance there.

CREATIVE WRITING

(1 sem) Elective Grades 11, 12

Prerequisite: **At least a 2.5 GPA** in all previous Language Arts classes

This course combines the study of different forms of creative writing. Students will have a variety of writing experiences in the areas of prose, poetry, drama, and analysis. It is designed for the student interested in exploring writing in both the traditional forms and in more modern forms, such as blogging. Students will get the opportunity to workshop their works with other Creative Writing students to help discover their own personal writing processes and styles.

COMPOSITION

(1 sem) Required Grades 11, 12

Prerequisite: Demonstrate mastery of the competencies studied in English II

The main objective of this course is to help students improve their writing styles--developing the skills needed to communicate effectively--through the medium of the essay. The goals of the course are to develop a thorough understanding of the basic elements of the essay and to develop the ability to write with clarity, economy, and grace. Strongest emphasis is placed upon developing the skills of a rational and logical process of thought, but grammar, usage and mechanics will also be stressed. Students may not opt out of the semester test in this course.

AP English Language Composition

(1 year) Elective Grades 11-12

Recommended: Successful completion of composition or teacher approval.

An AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writers purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. This is a weighted class if the student takes the AP exam.

MATHEMATICS

Students may not enroll for a lower level math course unless authorized by the Counselor/administration, Instructor, or IEP. Students failing a course will re-enroll for that course to meet graduation requirements.

2013-2014 school year math courses:

- Math Lab
 - Algebra I
 - Geometry
 - Algebra II
- General Math
- Integrated III
- Basic Algebra
- Algebra I
- Geometry
- Algebra II
- Advance Math/Pre-Calc
- AP (concurrent) Probability and Statistics
- AP Calculus

2014-2015 school year math courses:

- Math Lab
 - Algebra I
 - Geometry
 - Algebra II
- General Math
- Basic Algebra
- Basic Geometry
- Consumer Math
- Algebra I
- Geometry
- Algebra II
- Advance Math/Pre-Calc
- AP (concurrent) Probability and Statistics
- AP Calculus

ALGEBRA I LAB

(1 year) Elective credit Grades 9-12

Placement Criteria: Scoring at or below proficiency on the Iowa Assessments math test, **or teacher recommendation**. Students do NOT have the opportunity to opt out of this lab if they meet the above criteria.

This course is a supplemental course to Algebra I designed to provide support needed for students to be successful in Algebra I. Students will receive additional instruction, review, application, and preview of the main topics of Algebra I. Algebra I Lab must be taken concurrently with Algebra I.

At the end of first semester, students will be assessed on their current academic skills and likeliness to succeed without this course and be recommended to either stay in this course or be released from the course.

GEOMETRY LAB

(1 year) Elective credit Grades 9-12

Placement Criteria: Scoring at or below proficiency on the Iowa Assessments math test, **or Teacher recommendation**. Students do NOT have the opportunity to opt out of this lab if they meet the above criteria.

This course is a supplemental course to Geometry designed to provide support needed for students to be successful in Geometry. Students will receive additional instruction, review, application, and preview of the main topics of Geometry. Geometry Lab must be taken concurrently with Geometry.

At the end of first semester, students will be assessed on their current academic skills and likeliness to succeed without this course and be recommended to either stay in this course or be released from the course.

ALGEBRA II LAB

(1 year) Elective credit Grades 11-12

Placement Criteria: Scoring at or below proficiency on the Iowa Assessments math test, **or Teacher recommendation**. Students do NOT have the opportunity to opt out of this lab if they meet the above criteria.

This course is a supplemental course to Algebra II designed to provide support needed for students to be successful in Algebra II. Students will receive additional instruction, review, application, and preview of the main topics of Algebra II. Algebra II Lab must be taken concurrently with Algebra II.

At the end of first semester, students will be assessed on their current academic skills and likeliness to succeed without this course and be recommended to either stay in this course or be released from the course.

GENERAL MATH

(1 year) Grades 9-10

Prerequisite: One of the following:

- 1) Standard Score at or below 246 on Iowa Assessments AND a D- or lower in 8th Grade Math
- 2) Teacher recommendation

This course provides a review of basic math concepts that have been presented to students in previous years. This class focuses on establishing a firm understanding of topics to prepare students to advance through the remaining high school math courses. This class will cover topics such as Real Numbers, Equations, Inequalities, Graphing, Proportions, Exponents, and Probability. After this class students may take either Basic Algebra (to be implemented for 2013-2014) or Algebra I (possibly with an accompanying Algebra I Lab).

INTEGRATED MATH III (dropped for the 2014-2015 year)

(1 year) Grade 11

This course is available by teacher recommendation only.

This course addresses critical math skills in an integrated design. The course provides a review of key math skills and concepts and then applies them to real-life situations. In Integrated Math III, the topics include statistics and probability (statistical measures, scatter plots, correlations, probability, combinations, permutations), measurement (estimating, distance, graphs, ratios), geometry (graphs to solve problems, cubes, prisms, cylinders, solids with points, slope, right triangles, direct and inverse variation, linear functions), and algebra (growth sequences, expressions, solving equations, quadratic functions, exponential functions).

ALGEBRA I

(1 year) Grades 9 - 12

Prerequisite: Completion of 8th Grade Math AND one of the following:

- 1) D or better in 8th Grade Math
- 2) Standard Score range from 247-253 on Iowa Assessments AND concurrent enrollment in Algebra I Lab
- 3) or teacher recommendation

Algebra I is designed to give students a solid foundation in algebra concepts and skills. The course covers laws of mathematics, operations with signed numbers, concepts of sets, solutions of equations and inequalities, factoring, functions, and real numbers. The course spends a great deal of time on various types of word problems. Algebra I is recommended for students who plan to attend college.

GEOMETRY

(1 year) Grades 9 - 12

Prerequisite: Algebra I

Geometry is designed to help students develop their logical thinking and problem solving skills. It includes the study of points, lines, triangles, polygons, and circles in a plane. Students develop their inductive and deductive reasoning skills through formal and informal proofs. Surface area, volume, coordinates and trigonometry are also studied. Geometry is recommended for students who plan to attend college, and is a prerequisite for Algebra II.

ALGEBRA II

(1 year) Elective Grades 9 - 12

Prerequisite – Geometry

The concepts covered include a review and extension of factoring, exponents, polynomials, quadratic equations and inequalities, operations with radicals, an introduction to complex numbers, the analytical geometry of straight lines, circle, and other conic sections, arithmetic and geometric progressions, and an introduction to trigonometric functions and graphs. The graphic calculator (TI-84 plus) will be used in as many areas as possible. The student will need to know many formulas and how to use them. Algebra II is recommended for students who plan to attend college.

ADVANCED MATH/PRE-CALCULUS

(1 year) Elective Grades 10 - 12

Prerequisite: Minimum grade of C in Algebra II, and Geometry or teacher recommendation.

This course lays the ground-work for further study of mathematics at the college level. Pre-calculus concepts, Trigonometric concepts and discrete mathematics are covered. The student will obtain the skills necessary for working with functions (linear, quadratic, and polynomial), graphs of these functions, use of exponents and logarithms as well as the analytic geometry skills. The trigonometry concepts will include trig functions, equations, their application, using the trigonometry triangle, addition formulas, working with polar coordinates and complex

numbers. The discrete math will focus on sequences and series, matrices, probability and statistics. All students need access to a scientific calculator. The student will learn how to use a graphic calculator (TI-84 plus) as it is used extensively in the course. These graphic calculators can be provided for the student to use in class.

AP CALCULUS

(1 year) Elective Grades 11,12

Recommended: Due to the rigorous nature of this course it is highly recommended that students have scored the following in previous math course: Advanced Math (**C or above**) or concurrent enrollment in Advanced Math.

This is an introduction to college calculus and could be taken as an AP class (optional). Calculus makes extensive use of plane geometry and algebra. The first semester will be dedicated to functions, limits and derivatives. The second semester will be dedicated to integration and inverse functions. This is a weighted class if the student takes the AP exam.

AP PROBABILITY AND STATISTICS (Dual Enrollment) (1 year) Elective Grades 11, 12

Prerequisite: 1st semester students need to have a minimum grade of **C** in Algebra II to enroll. To enroll in second semester DMACC MAT 157, Statistics, students need to have successfully completed 1st semester Statistics with a C or higher.

This course provides a non-theoretical introduction to statistics. Probability provides a framework for dealing with uncertainty and for interpreting predictions based on uncertainty. Statistics is utilized for the collecting, representing, and processing of important data. Students will learn to apply statistical techniques to solve problems and represent results. Use of technology will enhance the learning in this course. This course offers both high school and DMACC college credit upon successful completion. DMACC college credit will be given for DMACC curriculum covered during 2nd semester; this course moves to the college level curriculum during 2nd semester.

SCIENCE

PLTW Biomedical Sciences Program

In cooperation with Dallas County Hospital



PRINCIPLES OF THE BIOMEDICAL SCIENCES (PBS)

(1 year) Grades 9-10

(2013-2014) 11th and 12th grade students if space is available

This will count as a science credit, but students are still required to take Earth Science and Biology

Students investigate various health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. They determine the factors that led to the death of a fictional person, and investigate lifestyle choices and medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, medicine, and research processes. This course provides an overview of all the courses in the Biomedical Sciences program and lay the scientific foundation for subsequent courses. This course is designed for 9th or 10th grade students.

HUMAN BODY SYSTEMS (HBS)

(1 year) Grades 10-11

(2014-2015) Prerequisite: Principles of the Biomedical Sciences (PBS)

This will count as a science credit, but students are still required to take Earth Science and Biology

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary and voluntary action, and respiration. Exploring science in action, students build organs and organs and tissues on a skeletal manikin, work through interesting real world cases and often play and often play the roles of biomedical professionals to solve medical mysteries. This course is designed for 10th, 11th or 12th grade students.

MEDICAL INTERVENTIONS (MI)

(1 year) Grades 11-12

(2015-2016) Prerequisite: Human Body Systems (HBS)

This will count as a science credit, but students are still required to take Earth Science and Biology

Students investigate a variety of interventions involved in the prevention, diagnosis and treatment of disease as they follow the life of a fictitious family. The course is a "How-To" manual for maintaining overall health and homeostasis in the body. Students explore how to prevent and fight infection; screen and evaluate the code in human DNA; prevent, diagnose and treat cancer; and prevail when the organs of the body begin to fail. Through these scenarios, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. This course is designed for 11th or 12th grade students.

EARTH SCIENCE

(1 year) Required Grade 9

Earth Science is the study of the earth and space. The course provides a balance between geology, meteorology, oceanography, and astronomy. Course content includes the following topics: Earth Chemistry, Resources, Plate Tectonics, Earth History, Ocean Movement, Climate, Weather, and workings of the Universe. It will focus on the physical principles that drive earth's processes as well as processes in space. Class work includes lectures, discussions, demonstrations, laboratory work, video, projects, and worksheets.

BIOLOGY

(1 year) Required Grade 10

Science & Global Issues (SGI) focuses on the role of science in addressing the needs of modern society and the use of technology in advancing scientific knowledge. The five units of study are: Sustainability, Ecology, Cell Biology, Genetics, and Evolution. Each student will complete a comprehensive science notebook throughout the year.

ENVIRONMENTAL SCIENCE

(1 year) Elective Grades 11, 12

Recommended: Minimum of C- in Biology

Environmental Science studies the following topics: 1) The planet Earth and what makes up the Biosphere, 2) Ecological Interactions and Biomes, 3) The impact of people in the global ecosystem and how to manage this, 4) Energy resources and resources in the biosphere including the impact of pollution. Students are expected to work independently and with one another on various in class assignments. They are also required to research outside topics, which are scientific and environmentally important.

HUMAN PHYSIOLOGY I

(Semester 1 only) Elective Grades 11, 12

Recommended: Minimum of C in Physical Science and Biology

Human Physiology I is an in-depth study of the human body with emphasis on the structure and function of the major organ systems. The course provides an adequate balance between the physical and chemical nature of the human body. Class work includes lectures, demonstrations, labs, films, discussions, assignments, and projects. Topics covered in Human Physiology I include: 1) Human body orientation, 2) Cells and Tissues, 3) DNA and Protein synthesis, 4) Basic chemistry of the human body, and 5) Skeletal system.

HUMAN PHYSIOLOGY II

(Semester 2 only) Elective Grades 11, 12

Recommended: Minimum of C in Physical Science and Biology

Human Physiology II is an in-depth study of the human body with emphasis on the structure and function of the major organ systems. The course provides an adequate balance between the physical and chemical nature of the human body. Class work includes lectures, demonstrations, labs, films, discussion, assignments, and projects. Topics covered in Human Physiology II include: 1) Skeletal muscular system, 2) Blood, 3) Cardiovascular system, 4) Respiratory system, and 5) Digestive system.

CHEMISTRY

(1 year) Elective Grades 10 - 12

Prerequisite: Algebra II with a **C- or higher** or concurrent enrollment in Algebra II

This is an applied mathematics course dealing with the structure and function of matter. The laws and relationships governing the properties of matter and chemical reactions are presented in lecture and supported by appropriate problems and laboratories. You must pass the first semester with a C- or higher to continue in the course. This course is highly recommended for college bound students.

AP CHEMISTRY

(1 year) Elective Grades 10-12

Recommendation: Due to the rigorous nature of this course, students should have taken Chemistry and Algebra II prior to being in AP Chemistry. Students who have not had these two courses will find it very difficult to be successful.

The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. For some students, this course enables them to undertake, in their first year, second-year work in the chemistry sequence at their institution or to register in courses in other fields where general chemistry is a prerequisite. For other students, the AP Chemistry course fulfills the laboratory science requirement and frees time for 25 other courses. AP Chemistry should meet the objectives of a good college general chemistry course. Students in such a course should attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. The course should contribute to the development of the student's abilities to think clearly and to express their ideas, orally and in writing, with clarity and logic. The college course in general chemistry differs qualitatively from the usual first secondary school course in chemistry with respect to the kind of textbook used, the topics covered, the emphasis on chemical calculations and the mathematical formulation of principles, and the kind of laboratory work done by students. Quantitative differences appear in the number of topics treated, the time spent on the course by students, and the nature and the variety of experiments done in the laboratory. *Secondary schools that wish to offer an AP Chemistry course must be prepared to provide a laboratory experience equivalent to that of a typical college course. Due to time constraints during the school day, lab experiments will be performed after school or on weekend times agreed upon by the students and teacher.* This is a weighted class if the student takes the AP exam.

PHYSICS

(1 year) Elective Grades 10 - 12

Prerequisite: Geometry

Physics is a course of applied mathematics. The quantitative relationships between matter and energy are studied in terms of governing laws and problem-solving. Laboratories demonstrating the real-world relationship to these laws are an integral part of the course. This class is a fundamental science course for students preparing for college math, computers, science, engineering, architecture, pharmacy, and a number of other fields including medicine and physical therapy. You must pass the first semester with a C- or above to continue in the course. This course is highly recommended for college bound students.

SOCIAL STUDIES

GEOGRAPHY

(1 sem) Required Grade 9

In ninth grade geography students will examine a number of complex human issues from a geographic perspective. The regional focus of this class will be the Middle East. During the year students will study physical and human features of the Middle East such as climate, land and water forms, population, culture, languages, religions, economics, demographics, politics, and resources. They will need to acquire and interpret information from many different sources such as maps, charts, tables, diagrams, readings, and photographs in both traditional and electronic formats. Students will demonstrate their learning in a variety of assessments including projects, written assignments, tests, map quizzes and daily homework.

GENERAL WORLD HISTORY

(1 year) Social Studies Credit Grade 10

Prerequisites: Teacher permission, recommendation of previous social studies teacher and/or special education teacher.

This course covers the same material as World History, with an emphasis on core concepts.

WORLD HISTORY

(1 year) Required Grade 10

This is a study of the growth of civilization from the beginning of history to the present day. The main emphasis is on developments since 1500 A.D. Pupils will study the successes and failures of nations and civilizations. This course will show the relationships of past civilizations and cultures to modern nations, institutions and cultures. A comparative study will be made of present-day economic and political systems.

AP WORLD HISTORY

(1 year) Elective Grades 10, 11, 12

Recommended: Due to the rigorous nature of this courses it is highly recommended that students have scored a 271 standard score on the Iowa Assessments Social Studies test and a standard score of 268 or higher on the Iowa Assessment reading assessment. This will count as a students World History credit.

This is a comprehensive study of the growth of civilizations from the beginning of history to the present. This in depth study of the development of nations will challenge the top students. The political, social, cultural, and religious events will be the focus for this exploration into World History. Students who successfully complete this course are encouraged to take the Advanced Placement test for college credit. This is a weighted class if the student takes the AP exam.

GENERAL AMERICAN HISTORY

(1 year) Social Studies Credit Grade 11

Prerequisites: Teacher permission, recommendation of previous social studies teacher and/or special education teacher.

This course covers the same material as American History, however it is covered in a project based method.

AMERICAN HISTORY

(1 year) Required Grade 11

This is a study of the founding and development of the United States. It begins with the start of the twentieth century and continues to the present day. The chief aim of the course is to help pupils understand current political, economic, and social problems and to appreciate the American association with western civilization. There is not a test out option for this course.

AP U.S. HISTORY

(1 year) Elective Grade 11, 12

Recommended: Due to the rigorous nature of this course, it is highly recommended that a student score at least a B average in all previous social studies courses and have earned a 275

standard score or higher on the Iowa Assessment reading test. Students must earn a C- or higher first semester to continue to second semester. This will count as the American History credit.

Honors American History is a survey course beginning with the formation of our American government and proceeding through the war in the middle-east. Students will acquire skills to assess historical materials, their relevance to a given problem, their reliability, and their importance, and to weigh the evidence and interpretations presented in historical scholarship. Students will have the option of completing the Advanced Placement exam for three college credits. AP US History fulfills the requirement for 11th grade American History. The AP course may also be taken as a social studies elective for those who have already completed American History. This is a weighted class if the student takes the AP exam.

AMERICAN GOVERNMENT

(1 sem) Required Grade 12

This is a study of the American government from the beginning to the present with a special emphasis on each department and its basic functions. The Constitution is studied along with laws and the legal system. Political party organization and development is included in the course.

AP U.S. GOVERNMENT & POLITICS

(1 sem) Elective Grade 12

Recommended: Due to the rigorous nature of this courses it is highly recommended that students have scored a standard score of a 275 or higher on the Iowa Assessments Social Studies assessment and a 275 or higher on the Iowa Assessment reading test.

The AP Government & Politics: United States course provides an analytical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. political reality. While there is no single approach that an AP Government & Politics: United States course must follow, certain topics that this course includes are generally covered in college courses. This course fulfills the American Government requirement. This is a weighted class if the student takes the AP exam.

ECONOMICS

(1 sem) Required Grade 12

This course is designed as an introduction to the United States economic system. Areas such as supply and demand, banking, stocks and bonds, and comparative systems are studied. Emphasis is given to current issues in the United States and how economics applies to everyday life. An extensive consumer economics unit is covered to coordinate financial literacy core requirements.

PSYCHOLOGY

(1 sem) Elective Grades 11, 12

This course presents a general survey of basic psychological principles and concepts. The primary objective is to help students learn to deal more effectively with others and to understand various factors which motivate behavior. Some of the topics studied are: 1) personality, 2) mental health and mental illness, 3) intelligence, and 4) planning your career. Emphasis is placed on psychological terms which are frequently used in newspapers, magazines, books, etc.

AP PSYCHOLOGY

(1 sem) Elective Grades 11, 12

Recommended: Due to the rigorous nature of this course, it is highly recommended that a student score at least a B- in Psychology to be successful in AP Psychology.

The purpose of the Honors course in Psychology is 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 the major subfields within psychology. They also learn about the methods psychologists use in their science and practice. Upon completion of the course, the student will be encouraged to take the AP exam. Upon completing the exam with a high enough score, the student will have qualified for college credit in psychology at a large number of colleges nationwide. The exam grade is outside the course and has no effect on the student's high school class grade. The student pays for the test and is reimbursed if a 3, 4, or 5 is received. This is a weighted class if the student takes the AP exam.

SOCIOLOGY

(1 sem) Elective Grades 11, 12

This course will study the interaction of groups and institutions in society. The class will open with a discussion of the theoretical aspects of sociology and then move into a discussion of concepts such as social stratification, collective behavior, elements of culture, social change and the impact of technology upon society. Current topics such as criminality, mental illness, deviance, the elderly, the media, and drug abuse will also be discussed. Classroom participation is crucial to the course.

MUSIC (INSTRUMENTAL AND VOCAL)

BAND

(1 year) Elective Grades 9 - 12

Band is offered as a credit course for those students who desire to continue the study of instrumental music. The student will participate in marching band, pep band, concert band and state contests. He/she will also travel with the band to special events. State solo and ensemble contest is optional, and jazz band is by audition only. In order to participate in any of the optional groups, the student must be enrolled in, and participate in, concert band. Daily attendance and participation in all concerts/contests is required.

INSTRUMENTAL METHODS

(1 sem) Elective Grades 10 - 12

Instrumental Methods is offered 2nd semester each year. Students must be in Band to sign up for this elective. Students will have beginner lessons and learn basic history on each concert band instrument.

CHORUS

(1 year) Elective Grades 9 - 12

Rehearsal is held during the regular school day. A student must be a part of this class in order to be eligible for other vocal ensembles, which are offered. By membership in this mixed chorus, students are also eligible for participation in contests and festivals, which are sponsored and sanctioned by the Iowa High School Music Association. Students are expected to attend rehearsals, memorize all musical numbers to be performed, and must participate in all scheduled performances, except in cases of emergency. Students will also increase their knowledge of the fundamentals of music reading, musical styles, and advance in their skill of correct vocal technique for proper tone production. Students will receive credit for their participation in this course.

AP MUSIC THEORY

(1 year) Elective Grades 11, 12

Prerequisite: Must be a junior or senior.

Recommended: with some type of musical background. May be musical instrument or vocal.

AP Music Theory is an in-depth study and analysis of music composition techniques. These techniques are used to analyze and study important works as well as compose original music. It is suggested that a basic knowledge of notes and rhythms be learned before acceptance in this

class. Ear training and sight-singing are essential learnings of AP Theory and will be practiced often through the duration of the course. This course is designed to teach the first year of theory at a college level. This is a weighted class if the student takes the AP exam.

PHYSICAL EDUCATION

PHYSICAL EDUCATION (Life Time Fitness) Required Grades 9 -12
(Students must provide their own towel if they want to shower) 1 semester everyday
Students will receive a letter grade for P.E., but it will not count towards their GPA.
Students are required to dress out for activity. The required dress is a t- shirt with sleeves and athletic shorts/sweat pants (no jeans) and clean athletic shoes. CLOTHING ALSO MUST MEET SCHOOL DRESS CODE EXPECTATIONS.

Physical Education is required by the State of Iowa to graduate. Students are also required at the beginning of the school year to fill out the "Healthy Kids Act" form. The ADM physical education department takes a pro-active approach in implementing lifelong activities and attitudes. Presidential fitness testing will be given each semester as a pre-test and a post-test. Lifetime fitness is the major objective and it is incorporated in class throughout the year. Lifetime activities including team sports, and recreational activities that can be done individually or in small groups for years to come will be taught during the semester. CPR will be taught to all Seniors.

BIGGER FASTER STRONGER (BFS: SPORTS FITNESS) Elective Grades 9 -12
(Students must provide their own towel if they want to shower)
Students will receive a letter grade for P.E., but it will not count towards their GPA
Prerequisite: (Instructors permission –Involved in School Extracurricular Activities, Proper Demonstration Of 4 Core Lifts) Fulfills Physical Education requirement. Students are required to dress out for activity. The required dress is a t- shirt with sleeves and athletic shorts/sweat pants (no jeans) and clean athletic shoes. CLOTHING ALSO MUST MEET SCHOOL DRESS CODE EXPECTATIONS.

The ADM physical education department takes a pro-active approach in implementing lifelong activities and attitudes. . Presidential fitness testing will be given each semester as a pre test and a post-test. Sports fitness is the major objective and it is incorporated in class throughout the year. Each student enrolled in this class will be introduced to strength training techniques, safety, speed training, flexibility and nutrition. Students will be pre tested and post tested in the core lifts, agility run, vertical jump and 10 yd dash. CPR will be taught to all Seniors.

OTHER COURSE OFFERINGS

AGRICULTURE (Semesters vary) Electives Grades 10 - 12
ADM High School offers the opportunity to take agriculture classes, including FFA, through the Earlham Community School District. Any 10-12th grade student interested in taking agriculture classes must have counselor and principal permission prior to registration. Courses include: Agricultural Metals, Agricultural Electricity, Agricultural Power 1 & 2, Horticulture, Animal Science, Introduction to Agriculture.

DMACC Career Advantage courses offer Agriculture class in Adel, located at the County Care Facility. If students are interested in Agriculture classes that do not include FFA, this program is a career advancement opportunity.

BASIC LIVING PEERS 1 - 1st Semester (1 Semester) Elective Grades 11-12

This class meets everyday for one semester. The course is designed for students who have a desire to work with students who have special needs. Peers will work with students with special needs on the following skills: filling out basic job applications, social skills, interviewing skills, finding information on the internet, making a budget, using credit cards, preparing meals, general banking information, home care, managing time, and reading maps. The large projects this semester will include the restaurant project and the craft sale. This course will also include weekly or bi-weekly trips to the grocery store followed by cooking instruction the following day in class. Students are expected to complete journals and papers to meet the course expectations. Peers can only take this course once during their high school career.

BASIC LIVING PEERS 2 – 2nd Semester (1 Semester) Elective Grades 11-12

This class meets everyday for one semester. The course is designed for students who have a desire to work with students who have special needs. Peers will work with students with special needs on the following skills: filling out basic job applications, social skills, interviewing skills, finding information on the internet, making a budget, using credit cards, preparing meals, general banking information, home care, managing time, and reading maps. The large projects this semester will include preparation for Special Olympics, a coffee shop, and a valentine sale. This course will also include weekly or bi-weekly trips to the grocery store followed by cooking instruction the following day in class. Students are expected to complete journals and papers to meet the course expectations. Peers can only take this course once during their high school career.

DRIVER EDUCATION

Drivers Education will be offered through Drive Tech. Information on class times and cost can be picked up in the counseling office.

HEALTH I

(1st Semester) Only Elective Grades 9 - 12

Topics for this class include mental health and stress, food and nutrition, the digestive system, consumer health, family life, emotional and social health, and exercise and recreation.

HEALTH II

(2nd Semester) Only Elective Grades 9 - 12

Topics for this class include relationships, communication skills, reproduction/pregnancy and birth, substance abuse and nonuse, environmental health, and prevention and control of disease, including sexually transmitted diseases.

LEADERSHIP I and II

(1 sem) Elective Grades 9-12

Leadership I and II are graded courses that meet daily. This course explores various leadership traits and techniques in a collaborative, project based setting. In addition to leadership skills, students will learn civic, financial, employability and technology literacy. Students enrolled in the course should have a desire to be leaders in their community, have community service experience and enjoy working with others.

LEADERSHIP I is offered Spring semester for 9th and 10th grade students.
LEADERSHIP II is offered Fall semester for 11th and 12th grade students.

WORK EXPERIENCE

(1 sem) Elective Grades 11, 12

Prerequisite: Student must be a first-semester senior or second-semester junior

This one-semester course is designed to provide students with the practical knowledge and skills to succeed in the workplace. It includes career exploration, practice in basic skills, thinking skills, personal skills, resource skills, interpersonal skills, information skills, systems skills, and technology skills, and learning about various aspects of industry. Upon successfully completing the course with a 79% minimum average for the semester, and a 90% attendance record, students will be able to enroll in the Work Experience Practicum.

WORK EXPERIENCE PRACTICUM

(1 semester) Elective Grade 12

Prerequisite: Successful completion of Work Experience

This course provides students with on-the-job experience through job shadowing, internships, unpaid work, and/or paid work. Students will receive two elective credits during a semester, based on the number of hours worked per/week, 1.5 hours per day, 5 days a week – Total of 7-8 hours per week.

INDEPENDENT STUDY

Independent study is a course designed for the student who has completed all courses in a curriculum area and desires to seek additional advanced level information in the same curriculum area OR for the student who has a FULL academic course load preventing the student from scheduling. Permission to enroll in independent study must be approved by the teacher, counselor and by the principal because the course becomes an additional load for the teacher. The teacher and the student will develop an outline for the course and clearly identify the expected outcomes. Student-teacher contact time is also clearly detailed to enable ample opportunity for the student to interact with the teacher as needed throughout the semester. This plan will be submitted to the counseling office **PRIOR** to starting the course.

PERFORMANCE TESTING FOR CLASSROOM CREDIT

Credit may be granted to students through performance testing for course work which is included in the school curriculum. The testing must be done by the end of the first week of the semester in question. This generally includes taking the semester test for the course and achieving a score of at least 78%. However, teachers may require the student to submit a portfolio of sample performances as part of the assessment for granting course credit.

Students are responsible for checking with teachers regarding specific course requirements for performance testing for classroom credit. Courses that offer an honors or AP level are not open to testing out unless the student is classified as a GATE student and the Personal Education Plan team agrees that this is the most appropriate option for the student. This information should be secured in time to complete the requirements by the time the credit is desired. It is recommended that students begin this process at least a semester prior to attempting to receive the credit. **Courses that offer an Honors Section will not be available for testing out, unless the student is an identified GATE student and testing out of a course allows for an upper level course to be taken that relates to the student's intended career path.**

AUDITING COURSES

Occasionally students may find it desirable to audit a course. This means that the student is enrolled in the course, but will receive no grade and no credit. Teachers for the course will establish expectations for the level of participation required of the student in order to remain enrolled under audit status. This may include completing all assignments and taking all tests.

***VOCATIONAL EDUCATION ARTICULATION AGREEMENTS**

The Adel DeSoto Minburn School District has developed articulation agreements with the Des Moines Area Community College (DMACC). Articulation refers to the process of receiving

DMACC credit for specific classes taken at ADM High School. Certain conditions must be met before credit can be awarded. Check with your vocational education instructor for more information.

EXTRA CURRICULAR ACTIVITIES

The following is a comprehensive list of non-athletic extra curricular activities that ADM has to offer students. We encourage all students to be involved with an extra curricular activity while in high school. Studies have shown that students involved in athletics or non-athletic extra curricular activities do better in school.

BIG BROTHER/SISTER

Junior and Senior students may sign up to be a big brother/sister to a younger student in our district. The volunteers spend time being a mentor, tutor, and a friend to the student as directed by the classroom teacher. Sign ups are at the beginning of each semester and the student will attend once per week during their study hall period.

THESPIANS (Local Chapter: Troupe 6603)

Students showing interest and dedication in any aspect of theatrical production can earn the right to join our local chapter of the International Thespian Society. "Thespis" the Greek god of theater, gives the society its name. Induction into the troupe requires 10 theater "points," earned by playing a role in a fall or spring production, or helping with any of the following aspects of production: set construction, backstage crew, lighting, makeup, sound, and costuming. Students must be involved in at least two productions to become eligible. Benefits of joining the group include eligibility for scholarships, leadership opportunities, trips to theater workshops, a subscription to Dramatics magazine, and the honor of being part of an international group dedicated to promoting theater.

FALL AND SPRING PLAYS

ADM's drama department produces two plays each year--one in November and one in April. Auditions for the Fall Show are held in August. Auditions for the Spring Show are held in January. Any student in grades 9-12 is welcome to audition, regardless of prior acting experience. Students may become involved in these productions by helping with set construction, makeup, lighting, sound, costuming, and backstage crews, without going through the audition process. Students interested in auditioning or participating in any production crew should watch for announcements about audition times and informational meetings in August and January.

STUDENT COUNCIL

Student Council is a student run organization that is responsible for voicing the opinions of the student body, enhancing school spirit and organizing school functions. Student's peers elect individuals to the executive body each spring. Additional positions are available such as Advisory Representative.

SPEECH

Competitive speech is a chance to work on your communication skills, either as an individual or as a group, and compete against other high school students from around Iowa. There are a variety of categories, such as reviewing, choral reading, and storytelling, to choose from. There's something for everyone!

ACADEMIC DECATHLON

Academic Decathlon is a national competition for high school students. Teams consist of nine students, three from three different grade point categories. Each year a time

period for literary, economics, music, art, and history study are chosen. A field of science is selected as well. Preparation consists of study practices, which the students lead. Students take seven written tests (one for each area), present a prepared and impromptu speech, participate in an interview, and write an essay during a day and a half of competition. Students find this interesting and challenging. ADM has sent two teams and several alternates to regional competition for the past few years and also qualified for state competition. It is open to all grades although sophomores and freshmen are more likely to be alternates.

MOCK TRIAL

Mock Trial is a highly challenging experience for students. A team of 7 to 10 students study a case provided by the Drake University Law College and then present it at competitions organized by the Iowa State Bar Association. The cases are civil and criminal on alternating years. Students take the parts of witnesses and lawyers, learn about objections and questioning, and master the general protocol of the courtroom. The case arrives in December, and the competition is usually the first week in March.

KNOWLEDGE BOWL

Knowledge Bowl is an informal competition. Each grade may field a team. Practice is done on computer and the first round is held in the home school on computer. A specified number of teams advance to regional's. The format there uses buzzers, and competition is against teams from other schools.

SADD

(Students Against Destructive Decisions) is dedicated to keeping students informed about the dangers of drug, alcohol, and cigarette use and to helping students make positive choices. The group has four general goals at ADM: 1) to provide a peer group for students who want to make healthy decisions, 2) to inform the general high school population about drugs, alcohol, and cigarette use, 3) to assist with programs designed for younger students (like DARE), 4) to provide alternative drug-free

VOCAL MUSIC ACTIVITIES

JAZZ CHOIR

Available to choir students only, by audition, in the spring semester for the following school year. 12 singing members, plus 3 instruments. This group rehearses every Monday evening (unless conflicts abound). They perform on every choir concert and attend several Jazz Festivals in the spring semester, including the IHSMA Jazz Choir Festival.

POPS CONCERT SOLOIST

Available to choir students only, by audition, in January for a solo spot on the High School Pops Concert.

SMALL GROUP FESTIVAL

Available to choir students. Students sing solos or in a small group on a recital or comments, then for a judge at IHSMA Festival to receive a rating.

INSTRUMENTAL MUSIC ACTIVITIES

COLORGUARD

Colorguard is an extra curricular activity that meets regularly during Semester 1 of every year. This group auditions in the spring and performs with the marching band at home football games, and competitions. This group also has the option of performing winter guard, which occurs at the end of semester 1.

Students, with the help of a coach, make up routines to music using flags and other props.

JAZZ BAND

Jazz Band is an extra curricular activity that meets throughout the year. A student must be in Band to play in the Jazz Band. This group meets before school and plays jazz music. They also travel to three competitions every year.

PEP BAND

Pep Band is an extra curricular activity that performs and home events. Teacher permission is required to be part of Pep Band. The type of music usually performed is rock and roll.

ENVIRONMENTAL CLUB:

This club meets to discuss issues in the environment that are of interest to the members. Students who may be interested in State and National competitions can possible participate through their projects. Members also work on local public service tasks such as trail clean up, webworm eradication, and prairie restoration. Activities are guided by participant interest.

TECHNOLOGY STUDENTS

The Adel DeSoto Minburn High School Chapter of the Technology Student Association, known as TSA, is available to any high school student who wishes to explore technology. It is an extra-curricular activity that meets outside of the normal school day. There is a wide variety of events that involve numerous ways of incorporating today's technology. They range from computer graphics, video production and radio controlled vehicles to architectural drafting and projects built by the students. These events involve the members in competition at the local, state and national levels. Meetings are arranged around student's needs and are conducted by the members. Students may join TSA at any time during their high school enrollment.

PEER HELPERS

Peer Helpers serve as support to high school students. They help incoming freshmen, sophomores and new students during orientation, the week before school starts in the fall. Students have to apply and get faculty member signatures in order to be nominated.

MATH CLUB

The Math Club is an organization that promotes math awareness throughout the school and community while also providing community service. The club is open to all students who have an interest in math. "Mathletes" can choose their level of participation and can participate in activities such as tutoring at Adel Elementary, DeSoto Intermediate, and the Middle School, math Competitions (team or individual), and community service projects.

INTERNATIONAL CLUB

International Club is an organization to promote greater understanding of world cultures and languages and to help our ADM students become better global citizens. The organization, through its activities, will help find real life target language opportunities for students with world language interests. Activities may include travel opportunities, experiencing different cuisines, cultural activities and cinema. Students 9-12 may participate and do not need to be in a language class to participate.

ADM VOLUNTEER CLUB

The ADM High School Volunteer Club is a club dedicated to the promotion of volunteer work by ADM High School students. One of the greatest lessons

we can teach our students is that of giving their time to others. Monthly meetings are held and volunteer opportunities are organized for students to participate in.