

# 2016-2017 COURSE OFFERINGS

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## **Introduction**

This publication is designed to help students and parents develop a carefully planned educational program for high school. This plan should be based on established graduation requirements and should reflect the interests and life goals of the student. Students are cautioned to gather information from parents, teachers and our counselor in their class course selections. Students should select the course that best fits them as a person, with careful thought and research, and their future in mind.

Students are encouraged to develop an education program that clearly prepares them to enter a post-secondary education program and prepares them to enter their chosen field of work. Parents, teachers, and counselors need to assist students in developing an educational plan that takes advantage of the comprehensive academic, career-technology, and fine and practical arts course offerings.

The mission of Collins-Maxwell school district is “to prepare responsible individuals for the future through academic and social experiences.” Today’s students face a much more complex and challenging world. As a school system, it is our responsibility to make sure that they are acquiring the skills they will need to be successful. By focusing our efforts on strong curriculum, instruction, and assessment, as well as making sure students are provided with a supportive environment, we can assure that they will be successful.

Students who plan to go on to play athletics at the Division I or II level need to pay special attention to the NCAA Core Courses in order to be eligible for competition, practice, and financial aid.

To assist students with course planning, please turn to the next page and review the information regarding career planning and course selection. For additional information on any of the career pathways, please contact Mrs. Allen for recommended courses within the pathways.

Best wishes to all of our students as they prepare for the challenges of high school and their bright futures.

HS Principal

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## INSTRUCTIONS

- ✓ Study the entire guide with your parents.
- ✓ Students are encouraged to use the Iowa web-based program, [www.ihaveaplaniowa.gov](http://www.ihaveaplaniowa.gov) to review their four-year high school plan, explore career interest and educational preparation.
- ✓ If too few students sign up for a particular course, it may be dropped.
- ✓ If you sign up for a course that is dropped, you will be notified and will be given the opportunity to take another course.
- ✓ All students are required to take **6 classes plus P.E.** Unless excused by a medical certificate, P.E. is required for all students. (Band and vocal are not counted as one of the six required classes).
- ✓ **\*\* Students are responsible for seeing that they sign up for the required courses each year. Students are also responsible for signing up for required courses that they have failed and must retake.**

## Enrollment

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Students are encouraged to maximize the productivity of their time during the school day. Students are required to enroll in a minimum of six (6) academic classes each semester. Students are allowed only one daily study hall. Schedule changes can be made prior to the start of the second week of the semester. After that time, changes are made only if the change is deemed necessary by one of the building principals, counselors, or teachers.

Home school students will be required to submit transcripts at the end of each semester. Home school grades will be transferred in as pass/fail. Credits accepted are at the discretion of the administration, counselor and school board.

## Adding/Dropping Classes

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Students may add or drop classes during the first week of the semester. Drops after the first week are at the discretion of the counselor and principal.

## Definition of Terms

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**Credit:** The numerical designation assigned for passing one semester of a course. Most academic subjects receive one credit per semester. Physical education and any class not meeting on a daily basis for the normal amount of time will receive less than one credit per semester.

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

**Prerequisite:** The requirement which must be met by establishing a successful record and a passing grade for a particular course prior to another course being taken, e.g. Spanish I is a prerequisite for Spanish II. Some prerequisites may be waived at the counselor's discretion.

**Required Course:** Any course necessary to meet specific requirements set for graduation by the State of Iowa and the Collins-Maxwell Schools' Board of Education.

**Edgenuity (e2020):** e2020 is an online learning environment that is designed to best match the curriculum taught in the classroom. Students are given the opportunity to take an e2020 course after consultation with the course instructor, counselor and principal and if they meet any of the following circumstances; credit recovery, conflicts in master schedule, acceleration or the need arises for a course to be taught at a lower grade level. Students taking e2020 courses work independently in the computer lab and at home to complete their course and gain high school credit. e2020 courses are monitored by the teacher of record and parents may request to receive weekly progress reports via email.

**Talented and Gifted (TAG):** Gifted learners are students identified as possessing outstanding abilities who are capable of high performance in areas such as general intellectual ability, a specific academic field, creativity, artistry, or have leadership capacity, who need services and activities not ordinarily provided by the school in order to fully develop their talents. Specific identification criteria are outlined in the student handbook.

## Senior Year Plus- Definitions and Policies

The intent of the Senior Plus statute, as developed by the Iowa Department of Education, is to ensure that all students have increased access to courses that have the potential to generate college credit while in high school. There are various ways students can earn college credit while a full time Collins-Maxwell student. They include Post Secondary Enrollment Options (PSEO), Concurrent Enrollment, DMACC Career Academy and Online Career Academy.

Criteria	PSEO	Concurrent Enrollment	DMACC Career Academy	DMACC Online Career Academy
Type of Instruction	Face to Face or online	Face to Face taught at Collins-Maxwell High School	DMACC Location-Ames or Ankeny	Online
Student Eligibility-Grade Level	Grades 11-12, or 9-12 Talented and Gifted	Grades 9-12, plus meet any DMACC entrance requirement	Grades 9-12, plus meet any DMACC entrance requirements	Grades 9-12, plus meet any DMACC entrance requirements
Student Eligibility-Academic Performance	None	For Arts and Science course, recommend GPA of 3.5 or higher, ACT of 21 or higher, or teacher/counselor recommendation.	In good academic standing, on track to graduate and good attendance.	For Arts and Science course, recommend GPA of 3.5 or higher, ACT of 21 or higher, or teacher/counselor recommendation.
Fees/Transportation	Student can be assessed district cost (up to \$250) if course is failed or not completed. Student is responsible for their own transportation.	No cost to student.	No cost to student, student is responsible for their own transportation.	No cost to student.
Grades	Assigned at the end of term, no progress reports provided.	Assigned at end of the term, progress reports per high school policy and procedure.	Assigned at end of the term, progress reports provided for concerns.	Assigned at end of the term, progress reports provided for concerns.

### **Financial Aid Satisfactory Academic Progress Policy**

Grades in dual enrollment courses can affect eligibility for financial aid in college. Students must meet the standard requirements below to be eligible.

#### **Standard Requirements:**

1. Successfully complete 67% of attempted credit hours. This will be measured on a cumulative basis. For example, if a student attempts a total of 12 credit hours the first academic year, the student must satisfactorily complete 8 credit hours.
2. Completion of the academic program in 150% of the published credits of the program.
3. Minimum Cumulative Grade Point Average (GPA) of a 2.0 must be met.
4. If the GPA of completion rate is not met, the student will be on financial probation.
5. Withdrawing from a course: (primary responsibility for the process rests on the student)
  - a. "W" is placed on a student's transcript
  - b. "W" grades count against a student's completion rate
  - c. A student could have a GPA of 2.0 or higher and still be placed on academic warning if they have withdrawn or received "I" grades and thus have a completion rate below 67%.
  - d. "W" does NOT count if a student drops the course within the first two weeks.

# Graduation Requirements

46 Credits Required plus CPR training and Portfolio Presentation

## English: (8 Credits)

English 9	2 Credits
English 10	2 Credits
English 11 or College Bound English 11	2 Credits
English 12-College Prep	2 Credits
OR Applied Communication	1 Credit
Additional Credit from DMACC Communication Skills or English elective	

## Mathematics: (6 Credits)\*

Freshmen must take one course of the following:

Algebra A	2 Credits
Algebra I	2 Credits
Geometry	2 Credits

The other four credits can come from any math course(s).

**\*Beginning with the class of 2016 all students are Required to complete Algebra I, Geometry and Algebra II in order to graduate with a Collins-Maxwell Diploma**

## Social Studies: (6 Credits)

World History (9 <sup>th</sup> or 10 <sup>th</sup> Grade)	2 Credits
American History (11 <sup>th</sup> Grade)	2 Credits
Economics (12 <sup>th</sup> Grade)	1 Credit
Government (12 <sup>th</sup> Grade)	1 Credit

## Science: (6 Credits)

Physical Science (9 <sup>th</sup> Grade)	2 Credits
Biology (10 <sup>th</sup> Grade)	2 Credits
One additional year of a science course (College Bound should take Chemistry and either Physics or A&P)	2 Credits

## Health: (1 Credit)

Health (9 <sup>th</sup> Grade)	1 Credit
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## Technology: (2 Credits)

Computer Applications I (9 <sup>th</sup> Grade)	1 Credit
Computer Applications II (10 <sup>th</sup> Grade)	1 Credit

## Portfolio:

All students must complete a comprehensive portfolio demonstrating and exhibiting how they have achieved the Collins-Maxwell Student Learning Goals. They must also present their portfolio to a committee comprised of an administrator, teacher, community member, and school board member.

# Honors Graduation Requirements

54 Credits Required (needs to include minimum of 2 dual credit classes, CPR and Portfolio Presentation)

## English: (8 Credits)

English 9	2 Credits
English 10	2 Credits
College Bound English 11	2 Credits
College Prep English	2 Credits

## Mathematics: (8 Credits)

Algebra I	2 Credits
Geometry	2 Credits
Algebra II	2 Credits
Trigonometry	1 credit
Statistics (or dual credit math)	1 credit

## Social Studies: (8 Credits)

World History	2 Credits
American History	2 Credits
Economics	1 Credit
Government	1 Credit
2 Social Studies electives (can be dual credit)	2 credits

## Science: (8 Credits)

Physical Science	2 Credits
Biology	2 Credits
Chemistry	2 Credits
Physics or Anatomy & Physiology	2 credits

## Health: (1 Credit)

Health (9 <sup>th</sup> Grade)	1 Credit
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## Technology: (2 Credits)

Computer Applications I (9 <sup>th</sup> Grade)	1 Credit
Computer Applications II (10 <sup>th</sup> Grade)	1 Credit

## Portfolio:

All students must complete a comprehensive portfolio demonstrating and exhibiting how they have achieved the Collins-Maxwell Student Learning Goals. They must also present their portfolio to a committee comprised of an administrator, teacher, community member, and school board member.

# Collins-Maxwell Grading Scale

Grading Scale For	
Freshmen, Sophomores, Juniors and Seniors	
A	4.00
A-	3.67
B+	3.33
B	3.00
B-	2.67
C+	2.33
C	2.00
C-	1.67
D+	1.33
D	1.00
D-	0.67
F	0.00

## Calculating Grade Point Averages (GPA)

*Band, Vocal, Driver's Education, and Physical Education do not count towards a student's grade point average.*

**Formula to Calculate Grade Points:**

**Credit x Grade Value of Appropriate Scale = Grade Points**

GRADE POINTS EXAMPLE				
Course Name	Credit	Grade	Grade Value	Grade Points
English 9	1.0	B+	3.3	3.3
World History	1.0	B	3.0	3.0
Health	1.0	A-	3.7	3.7
Algebra I	1.0	C+	2.3	2.3
Spanish I	1.0	A	4.0	4.0
Physical Science	1.0	C-	1.7	1.7
<b>TOTAL</b>	<b>6.0</b>		<b>18</b>	<b>18.0</b>

**Formula to Calculate GPA: Total Grade Points ÷ Total Credits = GPA**

GPA EXAMPLE				
<b>18.0 (Total Grade Points) ÷ 6 (Total Credits) = 3.00 (GPA)</b>				

## Language Arts Course Numbers

Class	Semester 1	Semester 2	Year/Sem. Credits	Available
English 9*	1S1	1S2	Year 2	9
English 10*	2S1	2S2	Year 2	10
English 11*	3S1	3S2	Year 2	11
College Bound English 11*350S1		350S2	Year 2	11
Applied Communications <sup>†</sup>	4S1	NA	Semester 1	12
College Prep <sup>†</sup>	5S1	5S2	Year 2	12
DMACC Communication Skills	N/A	356S2	Semester 1	12
Yearbook	152S1	152S2	Year 2	10-12

\*These courses are required for graduation.

<sup>†</sup>You must take either Applied Communications or College Prep in order to complete the portfolio requirement of graduation.

### **\*English 9**

**Grade:** 9

**Prerequisite:** None

**NCAA Clearinghouse:** Approved

**Credit:** 2

**Semester:** Year

**Required:** Yes

#### **Course Description**

The course work in English 9 includes work in composition, grammar, editing, vocabulary, study skills, and goal setting. The literature consists of short stories, mythology, novels, and poetry. Major works read are Shakespeare's *Romeo and Juliet*, and the novels *The Pigman* and *To Kill a Mockingbird*.

### **\*English 10**

**Grade:** 10

**Prerequisite:** English 9

**NCAA Clearinghouse:** Approved

**Credit:** 2

**Semester:** Year

**Required:** Yes

#### **Course Description**

This course provides practice in basic communication skills with an emphasis on expository writing. Units include grammar, speech, miscellaneous paper writing styles, and literature. Literature will include poetry, shorts stories, Fiction/Nonfiction, African-American Literature, Women's Literature, and several longer works, including *Tomorrow When the War Began*, *The Pearl*, and *Julius Ceasar*.

### **\*English 11**

**Grade:** 11

**Prerequisite:** English 10

**NCAA Clearinghouse:** Approved

Eng 11

**Credit:** 2

**Semester:** Year

**Required:** Yes or College Bound

#### **Course Description**

This course provides a chronological approach to American literature with an emphasis on composition. Works read include historical non-fiction, short stories, poetry, and the novels *The Scarlet Letter*, *Huckleberry Finn*, and *Of Mice and Men*. Additional coursework includes vocabulary, writing skills, grammar, editing, and speech. Students also continue to work toward completion of their portfolios.

### **\*College Bound English 11**

**Grade:** 11

**Prerequisite:** English 10

**NCAA Clearinghouse:** Approved

**Credit:** 2

**Semester:** Year

**Required:** Yes or English 11

#### **Course Description**

This course will help students prepare for advanced high school English classes and four-year college expectations. The students will study advanced American literature and read *Of Mice and Men*, *Huckleberry Finn*, *The Scarlet Letter*, and a novel from the Harlem Renaissance. They will develop advanced composition skills, editing and grammar skills, and received help in ACT prèt. They will review speech techniques and complete their junior portfolio pages.

### **\*Applied Communication**

**Grade:** 12

**Prerequisite:** English 11

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Fall

**Required:** Yes or College Prep

#### **Course Description**

This course is designed for the student who will soon enter the work force, attend vocational school, or a two-year college. Writing and editing skills are emphasized. Students also complete work in business

communications, the skills required to obtain a job, and resume writing. Students complete a job shadow experience during this course and also complete their portfolios

**\*DMACC Communication Skills (COM703)**

**Grade:** 12

**Prerequisite:** Applied Communication

**College:** DMACC-Taught by Mrs. Evans

**Credit:** 1

**Semester:** Spring

**Required:** No

**Course Description**

Reading, writing, speaking, and listening are studied as methods of exploring and evaluating technological advances in trade and industry. Adapting communication for different audiences, evaluating industry-related literature, and basic business writing are emphasized. Upon completion students will receive 3 college credits.

**\*College Prep English**

**Grade:** 12

**Prerequisite:** English 11

**NCAA Clearinghouse:** Approved

**Credit:** 2

**Semester:** Year

**Required:** This or Applied Communication

**Course Description**

Those planning to attend a four year college or university should take this course which emphasizes composition and literary analysis. Students write essays geared to preparing them for college level writing. Reading are taken from Greek mythology, Greek tragedy and Anglo-Saxon, Medieval, and Renaissance English literature including Shakespeare's Hamlet. The second semester is a continuation of the communications skills studies the first semester with an emphasis on literary interpretation and analysis and on writing skills. Reading includes further studies in British Literature. Novels covered are *Catcher in the Rye*, *Brave New World*, and *The Great Gatsby*. Students also complete their portfolios.

**\*Yearbook**

**Grade:** 10-12

**Prerequisite:** Instructor Approval

**NCAA Clearinghouse:** Not Approved

**Credit:** 2

**Semester:** Year

**Required:** No

**Course Description**

Students will develop, create, and produce the yearbook. Students will apply technical writing skills, newspaper writing techniques, and learn the basic concepts of layout and design, copy writing, caption writing, headline writing as well as the organization skills needed to bring all these together into a final product. Students will use desk-top publishing on the PC computers to produce yearbook pages. They will shoot many of their own pictures. Students will be responsible for selling all advertising for the yearbook, as well as the book itself.

## Mathematics Course Numbers

Class	Semester 1	Semester 2	Year/Sem. Credits	Available
Algebra I	22S1	22S2	Year 2	8-10
Basic Algebra II	108S1	108S2	Year 2	9-12
Basic Geometry	323S1	323S2	Year 2	9-12
Geometry	23S1	23S2	Year 2	9-11
Algebra II	24S1	24S2	Year 2	10-12
Trigonometry	25S1	NA	Semester 1	10-12
Pre-Calculus	16S1	NA	Semester 1	11-12
DMACC Statistics	NA	323S2	Semester 1	10-12
DMACC Calculus	NA	27S2	Semester 1	12
DMACC Applied Math	324S1		Semester 1	11-12

### **\*Algebra I**

**Grade:** 8-9

**Prerequisite:** None

**NCAA Clearinghouse:** Approved

**Credit:** 2

**Semester:** Year

**Required:** Yes

#### **Course Description**

This course is an introduction to higher mathematics and provides the language for all of mathematics above the level of arithmetic. It is an essential course for those planning to go to college or to enter a technical trade. This course provides excellent training in logical thinking, and there are enough practical applications to make it useful to anyone interested in math.

### **\*Basic Algebra II**

**Grade:** 9-12

**Prerequisite:** Algebra I or Geometry

**NCAA Clearinghouse:** Not approved

**Credit:** 2

**Semester:** Year

**Required:** No

#### **Course Description**

An essential course for anyone planning to enter college or a technical vocation. The course includes an in-depth review and extensions of Algebra I, as well as a little bit of statistics, introduction to probability, and basic trigonometry. The course will further develop the ability to reason and think logically.

### **\*Geometry**

**Grade:** 9-11

**Prerequisite:** Algebra I or Basic Algebra II

**NCAA Clearinghouse:** Approved

**Credit:** 2

**Semester:** Year

**Required:** No

#### **Course Description**

This course can be used to model real world problem situations. Throughout this course students can explore the relationships among points, lines, and planes in two and three-dimensional space. Geometry allows us to model many facets of our environment, which is a building block for advanced math courses.

### **\*Basic Geometry**

**Grade:** 9-12

**Prerequisite:** Algebra I

**NCAA Clearinghouse:** Not approved

**Credit:** 2

**Semester:** Year

**Required:** No

#### **Course Description**

This course combines the study of pre-algebra and algebra topics with introductory geometry topics. It includes the study of area, perimeter, and volume of geometric figures, properties of triangles, circles and polygons, and transformations in the coordinate plane.

## **\*Algebra II**

**Grade:** 10-12

**Prerequisite:** Geometry

**NCAA Clearinghouse:** Approved

**Credit:** 2

**Semester:** Year

**Required:** No

### **Course Description**

An essential course for anyone planning to enter college or a technical vocation. The course includes an in-depth review and extensions of Algebra I, as well as statistics, probability, and trigonometry. The course will further develop the ability to reason and think logically.

## **\*Trigonometry**

**Grade:** 11-12

**Prerequisite:** Algebra II

**NCAA:** Approved

**Credit:** 1

**Semester:** Fall

**Required:** No

### **Course Description**

This course will focus on circular functions and their inverses, trigonometric identities, trigonometric equations, solving triangles and graphing, with additional discussion of vectors and logarithmic and exponential functions. Virtually all students who expect to go to college should learn the content of this course. For those who are going into sciences, engineering, or computer science, this course provides the beginning of a strong pre-calculus training.

## **\*Pre-Calculus**

**Grade:** 12

**Prerequisite:** Trigonometry

**NCAA:** Approved

**Credit:** 1

**Semester:** Fall

**Required:** No

### **Course Description:**

This course focuses on analyzing exponential and logarithmic functions, trigonometric identities and equations, vectors and exploration of the derivative and integral in calculus. It will provide students with the background necessary for success in a calculus course.

## **\*DMACC Statistics (MAT157)**

**Grade:** 10-12

**Prerequisite:** Algebra II

**College:** DMACC co-taught by Mrs. Hartgers

**Credit:** 1

**Semester:** Spring

**Required:** No

### **Course Description**

This class is awarded four DMACC credits and will transfer as a math class to most colleges and universities. It covers tabular and graphical presentation, measures of central tendency and variability, standard elementary procedures involving the binomial, normal, student's T, chi-square and F distributions, correlation, regression, analysis of variance and several nonparametric procedures. This course is awarded four DMACC credits upon completion and will transfer to most colleges and universities as a math credit.

## **\*DMACC Calculus (MAT211)**

**Grade:** 11-12

**Prerequisite:** Trig/Statistics

**College:** DMACC co-taught by Mrs. Hartgers

**Credit:** 2

**Semester:** Year

**Required:** No

### **Course Description**

This course covers absolute values, inequalities, functions, limits, continuity, differentiation, definite integral, and exponential and logarithmic functions. This course is awarded five DMACC credits upon completion and will transfer to most colleges and universities as a math credit.

**\*DMACC Applied Math (MAT772)**

**Grade:** 11-12

**Prerequisite:** Geometry

**College:** Taught by Mrs. Hartgers for DMACC credit

**Credit:** 1

**Semester:** Fall

**Required:** No

**Course Description**

A course in elementary mathematical skills for technicians. Topics covered include fundamental operations with whole numbers, fractions, decimals, and signed numbers; percents; geometric figures and basic constructions; area and volume formulas; English/Metric systems; measurements; and the interpretation of graphs and charts.

## Science Course Numbers

Class	Semester 1	Semester 2	Year/Sem. Credits	Available
Physical Science*	80S1	80S2	Year 2	9
Biology*	81S1	81S2	Year 2	9-10
Chemistry	82S1	82S2	Year	10-11
Environmental Science	274S1	274S2	Year 2	11-12
Anatomy/Physiology	86S1	86S2	Year 2	10-12
Physics	83S1	83S2	Year 2	10-12

\*These courses are required for graduation.

### **\*Physical Science**

**Grade:** 9

**Prerequisite:** None

**NCAA Clearinghouse:** Approved

**Credit:** 2

**Semester:** Year

**Required:** Yes

#### **Course Description**

Covers basic topics in physical science. The first semester is an introduction to chemistry including the structure of matter and reactions of matter. The second semester is an introduction to physics including forces, motion, and energy.

### **\*Biology**

**Grade:** 9-10

**Prerequisite:** Physical Science with a grade of C or higher

**NCAA Clearinghouse:** Approved

**Credit:** 2

**Semester:** Year

**Required:** Yes

#### **Course Description**

Biology is the study of living organisms. We will be studying the sub-cellular level, cell biology, genetics, a survey of the kingdoms, and biosystems. We will also study the impact of changes in environment to living organisms. Labs will be conducted to exercise scientific method and to examine hands-on biological principles. Biology is a recommended route of study for college bound students.

### **\*Environmental Science**

**Grade:** 11-12

**Prerequisite:** Physical Science & Biology

**NCAA Clearinghouse :** Approved

**Credit:** 2

**Semester:** Year

**Required:** No

#### **Course Description**

The course is designed for students to study the interrelationships between organisms and their physical surroundings, focusing on the effects man has within the world ecosystem. The course provides students with knowledge to evaluate choices that can reduce the negative impact man has made on the environment and optimize worldwide living standards. The course emphasizes the development of scientific principles, which allow students to identify and analyze environmental problems and associated risks. Students also examine solutions that can resolve/prevent ecological problems through critical and creative thinking skills.

### **\*Chemistry**

**Grade:** 10-12

**Prerequisite:** Biology, Algebra II (or taking simultaneously)

Have earned a grade of C or higher

**NCAA Clearinghouse:** Approved

**Credit:** 2

**Semester:** Year

**Required:** No

#### **Course Description**

This is a fundamental course that includes the study of atomic theory, the periodic table, chemical bonding, and principles of chemical reactions. A good mathematics background is necessary. Calculators are required and lab goggles are provided. Lab techniques will be studied in depth. Other topics will include oxidation-reduction reactions and a study of the elements in each period of the periodic table.

### **\*Anatomy/Physiology**

**Grade:** 10-12

**Prerequisite:** Chemistry (or taking simultaneously)

**NCAA Clearinghouse:** Approved

**Credit:** 2

**Semester:** Year

**Required:** No

### **Course Description**

Designed for students planning to attend college and who choose a major such as biology, nursing, or medicine. We will be studying from a sub-cellular level to the entire body. We will learn about the locations of structures, appearances of tissues and cells, and relationships between different organs and body components. We will also study the mechanisms that operate different activities in the body and how these are related to various human diseases.

### **\*Physics**

**Grade:** 11-12

**Credit:** 2

**Prerequisite:** Algebra II, Chemistry, Trig/Stats (or taking simultaneously)

**Semester:** Year

**NCAA Clearinghouse:** Approved

**Required:** No

### **Course Description**

Physics is designed for students intending to pursue studies in science related areas such as engineering, health sciences, architecture, pharmacy, materials science, etc. The course will focus on the applications to the physical world through exploratory investigations and activities.

Using laboratory investigations, physics will focus on: linear motion, two dimensional motion, laws of motion, force, momentum and collisions, work and energy, rotational motion, gravitational interactions, matter, thermodynamics, waves, sound, light and color, electricity and magnetism. Emphasis will be placed on appreciating physics as a human endeavor to understand the concepts, theories, and laws governing the interaction of matter, energy, and forces as well as encouraging application of physics to common life experiences. Calculators are required.

## Social Studies Course Numbers

Class	Semester 1	Semester 2	Year/Sem. Credits	Available
World History Ancient & World*	41S1	41S2	Year 2	9-10
American History	40S1	40S2	Year 2	11
Modern U.S. History The 60's, 70's & 80's	351S1	NA	Semester 1	10-12
Modern U.S. History II The 60's, 70's & 80's	NA	357S2	Semester 1	10-12
Civics	44S1	NA	Semester 1	9-11
Geography	15S1	15S2	Semester 1	9-12
Law & Society	NA	89S2	Semester 1	9-12
American Government*	43S1	43S2	Semester 1	12
Consumer Economics*	42S1	42S2	Semester 1	12

\*These courses are required for graduation.

### **\*American History**

**Grade:** 11

**Prerequisite:** None

**NCAA Clearinghouse:** Approved

**Credit:** 2

**Semester:** Year

**Required:** Yes

#### **Course Description**

This course covers the entire history of the United States from the Paleo-Indian migration to the present day, but focuses specifically on the United States since Reconstruction. Students study the economic, social, religious, and political development of the nation. The year ends with a current events unit that defines America's place in the world today.

### **\*Ancient (World History) & Contemporary World History**

**Grade:** 9 or 10

**Prerequisite:** None

**NCAA Clearinghouse:** Approved

**Credit:** 2

**Semester:** Year

**Required:** Yes

#### **Course Description**

Study the development of both western and eastern civilization. This course provides a comprehensive treatment of ancient and medieval history and gives in-depth coverage of modern history.

### **Modern U.S. History: The 60's, 70's & 80's**

**Grade:** 10-12

**Prerequisite:** None

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Fall

**Required:** No

#### **Course Description**

This is a course that is designed as a "glimpse into the lives of the Baby Boomer generation" with an emphasis on the culture of the three decades. It is an opportunity for students to look into the lives of their parents and grandparents.

### **Modern U.S. History: The 60's, 70's & 80's II**

**Grade:** 10-12

**Prerequisite:** Modern U.S. History

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Spring

**Required:** No

#### **Course Description**

This course will dive further into depth the events that shaped these three decades. More focus is given to political events, for example the Cuban Missile Crisis, Watergate and the Cold War. Students will develop an understanding of how these have an impact on our lives today.

### **Civics**

**Grade:** 9-11

**Prerequisite:** None

**NCAA Clearinghouse:** Approved

**Credit:** 1

**Semester:** Spring

**Required:** No

#### **Course Description**

About people and how they govern themselves. Includes biographical information on politics, citizenship, government, the constitution, civil rights, political parties, elections, and current social problems, as well as current events.

### **\*Geography**

**Grade:** 9-12

**Prerequisite:** None

**NCAA Clearinghouse:** Approved

**Credit:** 1

**Semester:** Fall or Spring

**Required:** No

#### **Course Description**

In this course, students will study the physical geography and human characteristics of the Earth and how they interact with each other. A major focus will be on US geography and map skills.

### **\*Law & Society**

**Grade:** 10-12

**Prerequisite:** None

**NCAA Clearinghouse:** Not approved

**Credit:** 1

**Semester:** Spring

**Required:** No

#### **Course Description**

A course in practical law that is of use in everyday life. This course is designed to provide you with an understanding of your legal rights and responsibilities, a knowledge of every-day legal problems, and the ability to analyze, evaluate, and , in some situations, resolve legal disputes. During the course of the semester, we will address general problems in the areas of criminal and juvenile justice, torts, consumer, family, housing, and law.

### **\*American Government**

**Grade:** 12

**Prerequisite:** None

**NCAA Clearinghouse:** Approved

**Credit:** 1

**Semester:** Fall or Spring

**Required:** Yes

#### **Course Description**

Deals with the institutions man as developed to secure maintenance of order, an essential funion for the survival of society. A brief look at world governments and ideologies as followed by an in-depth study of American government from the development of the constitution to the highly sophisticated relationships between all levels of government agencies that exist today. The citizen's role in government and basic civil rights are also covered.

### **\*Consumer Economics**

**Grade:** 12

**Prerequisite:** None

**NCAA Clearinghouse:** Approved

**Credit:** 1

**Semester:** Fall or Spring

**Required:** Yes

#### **Course Description**

Deals with such economic matters as: insurance, banking, credit, income taxes, consumer decision-making, and other aspects of economics that are absolutely essential for survival in today's society.

## Family & Consumer Science Course Numbers

Class	Semester 1	Semester 2	Year/Sem. Credits	Available
Foods I	61S1	61S2	Semester 1	9-12
Foods II	62S1	62S2	Semester 1	9-12
Clothing Design & Construction	NA	63S2	Semester 1	10-12
Child Development I/II	70S1	70S2	Year 2	10-12
Family Health	71S1		Semester 1	10-12
Homes and Interiors	NA	65S2	Semester 1	10-12

### **\*Foods I**

**Grade:** 9-12

**Prerequisite:** None

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Fall

**Required:** No

#### **Course Description**

This course includes classroom and laboratory experiences needed to develop a knowledge and understanding of food science principles. Main topics covered include nutrition, safety and sanitation, proper equipment use, recipe reading, meal planning, and basic cooking skills. Food labs with preparation and evaluation of various foods will be approximately once a week.

### **\*Foods II**

**Grade:** 9-12

**Prerequisite:** Foods I or Teacher Approval

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Spring

**Required:** No

#### **Course Description**

This course is a continuation of Foods I. Main topics covered include menu design, culinary careers, cake decorating, ethnic foods, and advanced cooking skills. Also, lab experiences will occur approximately once a week.

### **\*Clothing Design & Construction**

**Grade:** 9-12

**Prerequisite:** None

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Spring

**Required:** No

#### **Course Description**

This course is designed for students to learn basic hand and machine sewing skills. Students will complete various assignments throughout the semester, finishing with their own independent project. We will also investigate careers related to textiles and clothing. Students will be required to provide their own materials for portions of this course.

### **\*Child Development I**

**Grade:** 9-12

**Prerequisite:** None

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Fall

**Required:** No

#### **Course Description**

This course takes a closer look at human development. Main topics covered include theories of development, pregnancy and prenatal development, labor and delivery, and infant development (physical, intellectual, social, emotional, and moral).

### **\*Child Development II**

**Grade:** 9-12

**Prerequisite:** Child Development I

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Spring

**Required:** No

#### **Course Description**

Continuation and expansion of topics discussed in Child Development I, focusing on human development from birth to age 6. Main topics include parenting skills and responsibilities, discipline, child abuse, toy safety, and children's literature. Students will continue to gain experience by working with children at the districts preschool.

### **\*Family Health**

**Grade:** 11-12

**Prerequisite:** Health

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Fall

**Required:** No

#### **Course Description**

Students will try to better understand themselves and will study healthy life styles. Some units covered: mental health, mental disorders, stress, self-concepts, values, nutrition, general health, family systems, marriage and parenthood, and the life cycle (birth to death). This course will include a lot of large/small group discussion.

### **\*Homes and Interiors**

**Grade:** 10-12

**Prerequisite:** None

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Spring

**Required:** No

#### **Course Description**

This class covers a wide variety of topics in the housing area. Some of the areas include: the need for housing, renting, buying, construction basics, landscaping, remodeling, architectural design, using design elements and principles, furniture styles, lighting choices and floor plans. A final project consists of a house plan and student chosen interiors. In addition, class may include possible field trips to homes and businesses and guest speakers from the industry. Careers in each area are also explored.

# Business Course Numbers

Class	Semester 1	Semester 2	Year/Sem. Credits	Available
General Business	101S1	NA	Semester 1	9-10
Banking & Finance	NA	102S2	Semester 1	9-10
Accounting I	104S1	104S2	Year 2	10-12
Accounting II	105S1	105S2	Year 2	11-12
Marketing	106S1	106S2	Year 2	10-12

### **\*General Business**

**Grade:** 9-10

**Prerequisite:** None

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Fall

**Required:** No

#### **Course Description**

This course concentrates heavily on a broad overview of business, a large unit of entrepreneurship in which students will have to create their own business, and career development. This is meant to be an introductory class for students interested in business and also a key class for students looking towards vocational trades.

### **\*Banking & Finance**

**Grade:** 9-10

**Prerequisite:** None

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Spring

**Required:** No

#### **Course Description**

This course will concentrate on banking, money, finance, investing, and a unit on business law. This is meant to be an introductory class for students interested in business and also a key class for students looking towards vocational trades.

### **\*Accounting I**

**Grade:** 10-12

**Prerequisite:** None

**NCAA Clearinghouse:** Not Approved

**Credit:** 2

**Semester:** Year

**Required:** No

#### **Course Description**

Study the principles of double entry accounting, including journalizing, posting, and preparing financial statements.

### **\*Accounting II**

**Grade:** 11-12

**Prerequisite:** Accounting I

**NCAA Clearinghouse:** Not Approved

**Credit:** 2

**Semester:** Year

**Required:** No

#### **Course Description**

This is a full year course offered only to students that have passed both semesters of Accounting 1. This class is designed to go deeper into the world of accounting and should only be taken by students who are interested in a career in business. The class will cover departmentalized accounting, accounting control systems, general accounting adjustments, corporate accounting, management accounting and cost accounting. Students will also complete a large accounting business scenario in which they will be responsible for all of the financial records of a company throughout a month.

### **\*Marketing**

**Grade:** 10-12

**Prerequisite:** None

**NCAA Clearinghouse:** Not Approved

**Credit:** 2

**Semester:** Year

**Required:** No

#### **Course Description**

This course will cover the movement of goods and services from the producer to the consumer. All of the different areas of the marketing functions such as purchasing, selling, product or service planning, promotion, pricing, marketing research, financing, physical distribution, and risk management are also covered.

## Technology Course Numbers

Class	Semester 1	Semester 2	Year/Sem. Credits	Available
Computer Applications I*	26S1	26S2	Semester 1	9
Computer Applications II*	18S1	18S2	Semester 1	10
Advanced Computers	NA	28S2	Semester 1	10-12
Web Page Design	99S1	NA	Semester 1	10-12

\*These courses are required for graduation.

## **\*Computer Applications I**

**Grade:** 9

**Prerequisite:** None

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Fall or Spring

**Required:** Yes

### **Course Description**

The course will focus on PC computer applications which students will be expected to use in their high school classes. Emphasis will be on Microsoft Office 2000 applications such as Microsoft Word, Excel, Access, and Power Point. The course will include the use of on-line resources such as the internet and career software for research purposes. Portfolio creation will begin, and a review of keyboarding, letters, and reports will also be covered.

## **\*Computer Applications II**

**Grade:** 10

**Prerequisite:** Computer Applications I

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Fall or Spring

**Required:** Yes

### **Course Description**

The course will focus on PC computer applications which students will use in later high school course, the workplace, and college. Emphasis will be on Microsoft Office 2000 software applications such as Microsoft Word, Excel, Access, and Power Point. Students will be updated on available on-line resources and retrieval techniques. Students will be working to build overall computer skill, therefore, a review of keyboarding, formatting letters, reports, and presentations will be included. Student portfolios will be continued along with a career exploration unit and a job shadow experience.

## **\*Advanced Computers**

**Grade:** 10-12

**Prerequisite:** Computer Applications I & II

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Spring

**Required:** No

### **Course Description**

This course is designed to explore the digital media world using the Mac IIlife series of software. You will learn how to use iPhoto, iMovie, iDVD, iTunes, Safari and Garage Band on the schools new Emac's. Students will complete a series of projects and gain a better understanding of how to use digital camera's, scanners, and digital video to create slideshows and DVD movies. Students will also get the opportunity to convert old VHS tapes into digital video to create DVD projects.

## **\*Web Page Design**

**Grade:** 11-12

**Prerequisite:** Advanced Computers or Computer Applications II with instructor approval

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Fall

**Required:** No

### **Course Description**

The course is an introduction to the theory and application of web page design using FrontPage. Students will produce several different types of web pages. This hands-on course will cover the purpose, design concepts and creation of web pages. Students will learn about the role web pages play in society. Students will learn the do's and don'ts of web design through analyzing a variety of documents and through creating web pages. A major focus will be to update the Collins-Maxwell web page and keep it current.

## Agriculture Course Numbers

Class	Semester 1	Semester 2	Year/Sem. Credits	Available
Intro to Agriculture	180S1	NA	Semester 1	9-12
Animal Care & Production	NA	183S2	Semester 1	9-12
Animal Science	NA	117S2	Semester 1	10-12
Natural Resources I	116S1	NA	Semester 1	10-12
Natural Resources II	NA		Semester 1	10-12
Innovations in Ag	NA	182S2	Semester 1	10-12
Plant Science	181S1	NA	Semester 1	10-12
Ag Welding	132S2	NA	Semester 1	10-12

### **\*Introduction to Agriculture**

**Grade:** 9-12

**Prerequisite:** None

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Fall

**Required:** No

#### **Course Description**

Opportunities for employment in areas of agriculture including: business, sales and service, production agriculture, horticulture, natural resources, mechanics, and products and processing are explained through practical, hands-on experiences, trips, and activities.

### **\*Animal Care & Production**

**Grade:** 9-12

**Prerequisite:** Introduction to Agriculture

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Spring

**Required:** No

#### **Course Description**

Care, nutrition, handling, and nomenclature of domestic livestock and pets comprise this course. Meat evaluation, nomenclature, and quality are explored.

### **\*Animal Science**

**Grade:** 10-12

**Prerequisite:** Animal Care & Production

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Spring

**Required:** No

#### **Course Description**

This class is an in-depth course for people interested in farm animals. Anatomy of beef, swine, poultry, horses, and other animals will be covered. Advanced animal nutrition, and animal health and production will also be discussed.

### **\*Natural Resources I and II**

**Grade:** 10-12

**Prerequisite:** None

**NCAA Clearinghouse:** Not Approved

**Credit:** 2

**Semester:** Fall and Spring

**Required:** No

#### **Course Description**

This class will cover the basics of defining natural resources and how to properly manage them. Emphasis will be placed on how to care for land and preserve the environment. Other areas covered include: hunting, trapping, aquaculture, taxidermy, building wildlife nesting structures, and forestry.

### **\*Innovations in Agriculture**

**Grade:** 10-12

**Prerequisite:** None

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Spring

**Required:** No

#### **Course Description**

Use of technologies involved with soil structures, erosion control, testing, and fertility are incorporated into lab experiences. A natural resources unit discusses aquaculture and wildlife. Modern livestock techniques in embryo transfer and artificial insemination are explained. Mechanical innovations are also explored.

### **\*Plant Science**

**Grade:** 10-12

**Prerequisite:** None

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Fall

**Required:** No

**Course Description**

Propagation of plants and the functions of their parts are instructed through hands-on labs. Care and maintenance of plants in home and greenhouse structures is discussed and applied to lab situations. Students also experience floriculture and terrariums. Landscape design and implementation, lawn care, pruning and grafting trees, and fruit and vegetable gardening provide hands-on activities for this course.

**\*Ag Welding**

**Grade:** 10-12

**Prerequisite:** None

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Fall

**Required:** No

**Course Description**

Students will learn the fundamentals of SMAW, GMAW, oxy-fuel cutting, and Plasma Arc Cutting. Students will also learn about business aspects of the welding business.

# FINE ARTS

## Art Course Numbers

Class	Semester 1	Semester 2	Year/Sem. Credits	Available
Art I	30S1	30S2	Semester 1	9-12
Art II	34S1	34S2	Semester 1	9-12
Art III	33S1	33S2	Semester 1	10-12
Art IV	31S1	31S2	Semester 1	10-12
Art V	32S1	32S2	Semester 1	11-12
Art VI	35S1	35S2	Semester 1	11-12
Advanced Art Seminar			Semester 1	12

## Music Course Numbers

Class	Semester 1	Semester 2	Year/Sem. Credits	Available
Vocal Music	155S1	155S2	Year 1	9-12
Instrumental Music	157S1	157S2	Year 1	9-12

## **\*Art I**

**Grade:** 9-12

**Prerequisite:** None

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Fall/Spring

**Required:** No

### **Course Description**

Students are offered the opportunity to explore various visual art forms and techniques in an introductory level course through the elements and principles of art and design. Students will be introduced to a variety of media through two-dimensional and three-dimensional approaches to creating and responding to visual arts. Students will be responsible for weekly sketchbook entries and art history research. Students will analyze, interpret and discuss works created by artists throughout history and throughout the world. Students will begin creating a digital art portfolio that will be a requirement for their quarterly portfolio review and will be a portion of the semester test.

## **\*Art II**

**Grade:** 9-12

**Prerequisite:** Successful completion of Art I

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Fall/Spring

**Required:** No

### **Course Description**

Students will continue to explore various visual art forms and techniques through the elements and principles of art and design. Students will continue to build and apply their skills, knowledge, and methodology to a variety of media through instructional activities that will develop and shape a visual arts foundation. Students will be responsible for weekly sketchbook entries and art history research. Students will analyze, interpret and discuss works created by artists throughout history and throughout the world. Students will continue creating a digital art portfolio that will be a requirement for their quarterly portfolio review and will be a portion of the semester test.

## **\*Art III**

**Grade:** 10-12

**Prerequisite:** Art II and Instructor Approval

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Fall/Spring

**Required:** No

### **Course Description**

Students will continue to explore various visual art forms and techniques but will now begin to focus on specific media that they find intriguing. Students will continue to build and apply their skills, knowledge, and methodology to a variety of media through instructional activities that are based more upon their own personal choices. Students will be responsible for weekly sketchbook entries and art history research. Students will analyze, interpret and discuss works created by artists throughout history and throughout the world. Students will continue creating a digital art portfolio that will be a requirement for their quarterly portfolio review and will be a portion of the semester test.

## **\*Art IV**

**Grade:** 10-12

**Prerequisite:** Art III and Instructor Approval

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Fall/Spring

**Required:** No

### **Course Description**

Students will continue to explore various visual art forms and techniques, focusing on specific media that they find intriguing. Students will continue to build and apply their skills, knowledge, and methodology to a variety of media through instructional activities that are based more upon their own personal choices. Students will be responsible for weekly sketchbook entries and art history research. Students will analyze, interpret and discuss works created by artists throughout history and throughout the world.

Students will continue creating a digital art portfolio that will be a requirement for their quarterly portfolio review and will be a portion of the semester test.

### **\*Art V-VI**

**Grade:** 11-12

**Prerequisite:** Art IV/Art V and Instructor Approval

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Fall/Spring

**Required:** No

#### **Course Description**

Students will expand their knowledge of visual art forms and techniques, focusing specifically on media that they have experience with, and desire to know more about. Students will continue to build and apply their skills, knowledge, and methodology to this media through self directed activities and projects. Students will be responsible for weekly sketchbook entries and art history research. Students will analyze, interpret and discuss works created by artists throughout history and throughout the world. Students will continue creating a digital art portfolio and will now begin preparing it with college admission guidelines in mind. The portfolio will still be a requirement for their quarterly review and will be a portion of the semester test.

### **\*Advanced Art Seminar**

**Grade:** 12

**Prerequisite:** Art IV/Art V and Instructor Approval

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Fall or Spring

**Required:** No

#### **Course Description**

The student will spend a yearlong quest of one subject or concentration focus with an in-depth approach through media exploration and technique. A minimum of 20 original works will be completed by April. Students will also create a variety of pieces exhibiting experiences in the formal, technical and expressive means available to show expertise and exploration. Students will be responsible for weekly sketchbook entries and art history research. Students will analyze, interpret and discuss works created by artists throughout history and throughout the world.

The student will perfect and finalize their digital portfolio, preparing it with professional goals and college admission guidelines in mind. The portfolio will still be a requirement for their quarterly review and will be a portion of the semester test.

### **\*Vocal Music**

**Grade:** 9-12

**Prerequisite:** None

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Year

**Required:** No

#### **Course Description**

Mixed choir with opportunities for small group and solo work. Students are required to perform in the Lasagna Dinner, two concerts, large group contest, and the musical chorus. Class requirements include private lessons, concert attendance, class work, etc. There will be some required rehearsals outside the school day. Honor and festival choir opportunities are available.

### **\*Instrumental Music**

**Grade:** 9-12

**Prerequisite:** MS Band or Instructor Approval

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Year

**Required:** No

#### **Course Description**

This course will teach music through study and performance. Students will develop performance skills on their various wind or percussion instruments, get acquainted with music theory/history, and how history

and musical composition relate to students' lives and musical experience. Students will participate in concert, marching and pep bands. Students are required to perform in three concerts and at large group contest. Attendance is required at all home football and basketball games. All students will have a weekly lesson in which they develop their skills individually through lesson books. Opportunities to participate in honor bands and Solo and Ensemble contest will be available.

## World Language Course Numbers

Class	Semester 1	Semester 2	Year/Sem. Credits	Available
Spanish I	7S1	7S2	Year 2	9-12
Spanish II	8S1	8S2	Year 2	10-12
Spanish III	9S1	9S2	Year 2	11-12
Spanish IV	10S1	10S2	Year 2	12

*\*Colleges have different admission requirements regarding world language and students should check on specific college requirements. Most two year colleges do not require world language while most four year colleges require two to three years of the **same** world language in high school.*

## **\*Spanish I**

**Grade:** 9-12

**Prerequisite:** None

**NCAA Clearinghouse:** Approved

**Credit:** 2

**Semester:** Year

**Required:** No

### **Course Description**

Spanish I is a fun, rigorous program designed around interesting stories that enhance acquisition and fluency by introducing grammar and vocabulary in context. Students will play games and fun activities designed to enhance their written, verbal, comprehensive, and reading skills. Students will also learn key culture components. Students in Spanish I will learn vocabulary about school, telling time, days of the week, months, clothes, food, shopping, sports, and numbers. Students will also learn about plurals, gustar/encantar, present tense conjugation and more!

## **\*Spanish II**

**Grade:** 10-12

**Prerequisite:** C or higher in Spanish I

**NCAA Clearinghouse:** Approved

**Credit:** 2

**Semester:** Year

**Required:** No

### **Course Description**

Spanish II is a continuation of the fun and intense program designed to enhance acquisition and fluency in the Spanish language. Students will also learn key culture components. Students in Spanish II will master knowledge about the human body, stores and buildings, animals, large numbers, chores, and household items. Students will also develop grammar skills by learning present tense and past tense verb changes, prepositions, tener expressions, possessive adjectives, stressed adjectives and saber/conocer.

## **\*Spanish III**

**Grade:** 11-12

**Prerequisite:** C or higher in Spanish II

**NCAA Clearinghouse:** Approved

**Credit:** 2

**Semester:** Year

**Required:** No

### **Course Description**

Spanish III expands upon the strong foundation presented in Spanish I and II. Students in Spanish III will continue their fluency of the language. They will learn vocabulary about travel, nutrition, exercise, nationalities and more! Students will also learn key culture components. Students will master the future and conditional tenses along with comparatives, demonstrative adjectives, reflexive verbs, and direct/indirect pronouns.

## **\*Spanish IV**

**Grade:** 12

**Prerequisite:** C or higher in Spanish III

**NCAA Clearinghouse:** Approved

**Credit:** 2

**Semester:** Year

**Required:** No

### **Course Description**

Spanish IV is designed to prepare students for the real world as well as complete the grammar necessary to be a Spanish speaker. Emphasis will be placed on learning about participles and the subjunctive tense. Students will also learn key culture components. Students will also be engaged in literature by Spanish speaking

## Health & Physical Education Course Numbers

*PE required every semester*

Class	Semester 1	Semester 2	Year/Sem. Credits	Available
Monday/Wednesday OR Tuesday/Thursday PE	141 142	141 142	Year .5	9-12
Weight & Speed	143	143	Year 1	9-12
Health*	150	150	Semester 1	9
Family Health	71	NA	Semester 1	11-12

\*This course is required for graduation.

**\*Monday/Wednesday or Tuesday/Thursday PE**

**Grade:** 9-12

**Prerequisite:** None

**NCAA Clearinghouse:** Not Approved

**Credit:** .5

**Semester:** Year

**Required:** No

**Course Description**

This class will focus on team building and fitness activities. The classes will use team activities like football, volleyball, basketball, wrestling, and softball. We will also do fitness testing. In this class, students will learn how to maintain a healthy lifestyle. Activities will include fitness testing, disc golf, aerobics, dance, weight training, and other activities that can be done after graduation.

**\*Weight & Speed PE**

**Grade:** 9-12

**Prerequisite:** None

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Year

**Required:** No

**Course Description**

Students will focus on increasing strength, power, agility, and speed. The students will weight train on Monday, Wednesdays and Fridays. Tuesdays and Thursdays would consist of speed and agility training. The class will be based on the Bigger, Faster, Stronger Program. Students would spend five days a week in PE.

**\*Health**

**Grade:** 9

**Prerequisite:** None

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Fall or Spring

**Required:** No

**Course Description**

This class will provide information to high school students so they can make decisions based on health information. Areas to be covered include wellness, personal grooming, nutrition, drugs, sexually transmitted diseases, human reproduction, alcohol, safety, and emergency care.

**\*Family Health**

**Grade:** 11-12

**Prerequisite:** Health

**NCAA Clearinghouse:** Not Approved

**Credit:** 1

**Semester:** Fall

**Required:** No

**Course Description**

Students will try to better understand themselves and will study healthy life styles. Some units covered: mental health, mental disorders, stress, self-concepts, values, nutrition, general health, family systems, marriage and parenthood, and the life cycle (birth to death). This course will include a lot of large/small group discussion.

## Miscellaneous Course Numbers

Class	Semester 1	Semester 2	Year/Sem. Credits	Available
Driver's Education	140	140	Summer .5	9-12
Work Experience	145	145	Semester 1	11-12

**\*Driver's Education**

**Grade:** 12

**Prerequisite:** None

**NCAA Clearinghouse:** Not Approved

**Credit:** .5

**Semester:** Summer

**Required:** No

**Course Description**

Consists of 36 hours. There are 30 hours of classroom instruction and 6 hours of behind the wheel actual driving. A student must successfully complete both phases. Student fee is \$265.

**\*Work Experience**

**Grade:** 12

**Credit:** 1

**Prerequisite:** Teacher and Counselor Approval, successful pre-placement interview, chosen career pathway position availability, job shadow experience, own transportation

**Semester:** Fall or Spring

**NCAA Clearinghouse:** Not Approved

**Required:** No

**Course Description**

Students will experience actual working conditions in an occupation within their chosen career pathway. Placement will be coordinated by the school and will be with non-family members or relatives. Current employment will not be considered. The experience will be during the school day for a minimum of one hour. However, additional time may be arranged with the employer. Students will have to sign and abide by a "Student Agreement," prior to and during this work experience. Additional documentation will be required. The work experience can count as one of the five required academic classes for the semester.

## DMACC Online Career Academy Classes

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Juniors may register for one online course per semester. Seniors may register for two online courses per semester. Students will be required to have a 3.5 GPA and 21 ACT composite score to enroll in Liberal Arts and Sciences courses or a teacher/counselor recommendation.

High school students will have their own DMACC instructors. Instructors will have weekly contact with the student. Quarterly updates are reported to the school counselor.

### **ACC111 - Intro to Accounting**

**Credits:** 3

An introductory course in accounting fundamentals and procedures. Includes capturing and analyzing business data and financial statement preparation.

### **BUS 102 - Introduction to Business**

**Credits:** 3

An overview of the ever-changing world of business. Provides information in the areas of ownership, management, marketing, insurance, economic systems and finance, as well as the role of government.

### **BUS 148 - Small Business Management**

**Credits:** 3

Examines introductory business applications and strategies needed to start and operate a small business. Topics include entrepreneurship preparation, idea feasibility, business plan content, introductory marketing, and management and finance concepts for small business.

### **BCA 212 –Intro Computer Business Applications**

**Credits:** 3 (includes lab)

The focus of this course is to use computer hardware and software as business productivity tools. Training includes a hands-on introduction to computer applications vital in today's business and industry. Course covers operating system, e-mail, internet, word processing, spreadsheet, database and presentation applications.

### **CRJ100 – Intro to Criminal Justice**

**Credits:** 3

An in-depth examination of the three components of the criminal justice system and the roles they play in society.

### **CRJ111 –Police and Society**

**Credits:** 3

An examination of the role of the police and corrections in American society, and a discussion of prominent issues. The course will examine the various eras of policing and correctional agencies. The structure and style of various policing and correctional agencies will also be covered. Agency application of internal and ethical issues including

use of force will be examined. Strategies and policies to improve policing and correctional work environment will also be discussed.

### **DRA101 – Intro to Theatre**

**Credits:** 3

A survey of the elements and techniques of theatre with emphasis on acting, directing and playwriting. Attendance at dramatic production encouraged.

### **ECE 103 – Intro to Early Childhood Ed**

**Credits:** 3

Gives students a historical and philosophical foundation of the field of early childhood education. Includes an overview of assessment and trends that influence best practices. Explores careers in the field. Addresses influences of families and diversity.

### **ECE 133 – Child Health, Safety and Nutrition**

**Credits:** 3

Provision of a safe and healthy environment for young children in a group setting. Specifically covered are nutrition analysis, menu planning, indoor and outdoor safety principles and assessments, health assessments and policies, and the care of children with chronic health problems.

### **ECN 120 – Principles of Macroeconomics**

**Credits:** 3

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

### **ECE 130 – Principles of Microeconomics**

**Credits:** 3

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

### **ENG 105 - Composition I**

**Credits:** 3

Designed to help students read and write effectively. Exploration of the relationship of audience to writer and material. Emphasis on developing concrete detail to support main ideas. Prerequisite: Satisfactory writing skills

### **ENG 106 - Composition II**

**Credits:** 3

Expository and persuasive writing developed through critical reading. The course explores structure, style, research and documentation. Prerequisite: ENG 105

**FIN 121 - Personal Finance****Credits:** 3

This course emphasizes family financial planning including financial statements, budgeting, taxes, risk management and retirement.

**GEO 111 – Intro to Geography****Credits:** 3

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

**HIS 112 - West Civ: Ancient to Early Mod****Credits:** 4

The student surveys the great civilizations from Greece and Rome through the rise of Christianity, to Europe in the Middle Ages, the Renaissance and Reformation, the modern state, the new science and the secular outlook, parliamentary government in England and political absolutism in France and Eastern Europe.

**HIS 113 - West Civ: Early Modern to Pres****Credits:** 4

Survey of political, economic, social and intellectual developments from the 18th century to the present. Enlightenment, revolutions and reactions, national unifications, national rivalries, world wars and post-war developments.

**HIS 150 - U.S. History to 1877****Credits:** 4

A survey of main themes of American history from 1492 to 1877 with emphasis on the political, social, economic, religious and intellectual aspects of the presettlement, Colonial, Revolutionary, Antebellum Civil War and Reconstruction eras.

**HIS 153 - U.S. History since 1877****Credits:** 4

A survey of main themes of American history from 1877 to the present with emphasis on political, social, economic, religious and intellectual aspects of the Gilded Age, the Progressive Era, WWI, the Roaring Twenties, the Great Depression, WWII and post WWII Era.

**HSC 120 - Medical Terminology I****Credits:** 3

Builds a medical vocabulary through an understanding of anatomic roots for words denoting body structures, prefixes, suffixes and body functions.

**HSC 121 - Medical Terminology II****Credits:** 3

Continues to build a medical language vocabulary by studying body systems such as

musculoskeletal, endocrine, nervous and integumentary systems. Prerequisite: HSC 120 with a grade of "C-" or better.

### **HUM116 – Encounters in Humanities**

**Credits:** 3

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

### **LIT 101 - Intro to Literature**

**Credits:** 3

Introduction to the study and appreciation of poetry, fiction and drama. Basic critical approaches are emphasized, and a broad range of authors from a variety of cultural and ethnic groups and a wide span of historical periods is presented.

### **MAT 110 – Math for Liberal Arts**

**Credits:** 3

The student will begin to think critically by studying logic, sets and statistical reasoning. The student will examine problem solving and decision making by studying probability, application of statistical data, modeling, and financial mathematics. The student will become aware of possible abuses of mathematics. Finally the student will understand the broad usefulness of mathematics by studying history of mathematics and application of mathematics in art, music, business and/or politics. Prerequisite: 1 year of high school algebra or MAT 064

### **MAT 141 - Finite Math**

**Credits:** 4

A general education course in practical mathematics for those students not majoring in mathematics or science. This course will include such topics as set operations and applications, methods of counting, probability, systems of linear equations, matrices, geometric linear programming and an introduction to Markov chains. Prerequisite: One year H.S. Algebra or MAT 063.

### **MAT 157 - Statistics**

**Credits:** 4

Tabular and graphical presentation, measures of central tendency and variability, standard elementary procedures involving the binomial, normal, student's T, chi-square and F distributions, correlation, regression, analysis of variance and several nonparametric procedures. Students will not receive credit for both MAT 157 and BUS 211 Prerequisite: Two years H.S. Algebra, department permission or MAT 073

**MKT110 – Principles of Marketing****Credits:** 3

Marketing effectively and efficiently results in better customer loyalty, higher share of customers, relief from margin erosion, and higher customer satisfaction. Explore strategies used to get, keep, and grow customers. Theoretical concepts blend with real world applications in the areas of planning, decision-making, consumer behavior, ethics, product, price, distribution, promotion, service and international marketing.

**MKT140 - Selling****Credits:** 3

Emphasizes the "consultative style" of personal selling. Covers the importance of establishing good relationships, finding prospect needs, providing a solution to these needs, and closing a high percentage of sales interviews.

**PHI101 – Introduction to Philosophy****Credits:** 3

Exploration of basic questions in epistemology, metaphysics and ethics. Emphasis on western philosophy tradition.

**PHI105 – Introduction to Ethics****Credits:** 3

Comparative study of different traditional moral theories. Application of moral theories to different contemporary moral problems.

**PEH190 – Sports Nutrition****Credits:** 2

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

**POL 111 – American National Government****Credits:** 3

A study of the American political system and how and why the citizenry relate to the government as they do. Emphasis is placed upon the organization and functioning of the presidential, legislative and judicial subsystems.

**PSY 111 - Introduction to Psychology****Credits:** 3

A survey of psychology including theoretical and experimental findings and applications from areas such as neurobiology, learning, memory, personality, social, abnormal, and therapy.

**PSY 121 - Developmental Psychology**

**Credits:** 3

The study of factors that affect human development from conception to death, with emphasis on topics such as physical, cognitive, and social changes, methods of study and current issues.

**SOC 110 - Introduction to Sociology**

**Credits:** 3

The study of human interaction, groups and society. Topics included are culture, socialization, organizations, deviance, inequality, institutions, health, population, ecology, social change and research methods.

**SOC 115 – Social Problems**

**Credits:** 3

An analysis of the nature, dimensions, causes, and characteristics of selected social problems of major interest. Consideration is given to theories, research and programs for prevention and treatment.

# DMACC Career Academy Classes

All classes take place at the Hunziker Center in Ames unless otherwise noted. Students will need to find their own transportation to and from the center. Three class periods a day will be blocked out of their schedule to allow for transportation and class times.

## 2016-2017 Courses

### **\*Auto Collision**

**Grade:** 11-12

**Prerequisite:** None

**College:** DMACC- Hunziker Center

**Credit:** 4

**Semester:** Year

**Required:** No

### Course Description

Introduces students to the highly technological auto collision industry. Students gain experience in the areas of basic shop operations and procedures, welding, painting, and shop safety. Students can earn up to 15 DMACC credits.

Year 1: Basic Shop Safety (CRR150)/#550	1 credit (1 <sup>st</sup> Sem)
Sheet Metal Fundamentals (CRR325)/#551	5 credits (1 <sup>st</sup> Sem)
Sheet Metal Welding (CRR101)/#552	2 credits (2 <sup>nd</sup> Sem)
Principles of Refinishing (CRR841)/#553	5 credits (2 <sup>nd</sup> Sem)
Estimating Theory (CRR742)/#554	2 credits (2 <sup>nd</sup> Sem)
Year 2: Refinishing Applications (CRR877)/#555	7 credits (Year)
Plastic Repair (CRR202)	3 credits (Year)
Advanced Estimating (CRR760)	2 credits (Year)

### **\*Auto Technology**

**Grade:** 11-12

**Prerequisite:** None

**College:** DMACC- Hunziker Center

**Credit:** 4

**Semester:** Year

**Required:** No

### Course Description

Designed to prepare students for employment in the high technology automotive service industry. Students gain experience with shop tools, automotive engines, brakes, suspension and alignment. Students can earn up to 13 DMACC credits.

Year 1: Shop Fund. & Minor Service (AUT114)	4 credits (1 <sup>st</sup> Sem)
Auto Electricity/Electronics (AUT615)	4 credits (1 <sup>st</sup> /2 <sup>nd</sup> Sem)
Automotive Engine Repair (AUT163)	3 credits (2 <sup>nd</sup> Sem)
Year 2: Basic Suspension/Steering (AUT404)/#560	4 credits (2 <sup>nd</sup> Sem)
Auto Brake System & Service (AUT524)	4 credits (1 <sup>st</sup> Sem)
Advanced Auto Electric (AUT652)/#563	3 credits (2 <sup>nd</sup> Sem)

### **\*Career Work Experience**

**Grade:** 11-12

**Prerequisite:** None

**College:** DMACC- Ames

**Credit:** 4

**Semester:** Year

**Required:** No

#### **Course Description**

Students will explore different career options, learn about job placement procedures and participate in seminar that examines current work trends and issues. All students are given the opportunity to receive work experience (minimum of 10 hours/week) in various industries and businesses. Nine DMACC credits are available upon completion of all DMACC Career Academy offerings.

Career Exploration (SDV130)/#564	1 credit (1 <sup>st</sup> Sem)
Occupational Experience (ADM936)	3 credits (1 <sup>st</sup> Sem)
Career Development Skills (ADM221)	2 credit (1 <sup>nd</sup> Sem)
Professional Development (ADM259)	3 credits (2 <sup>nd</sup> Sem)
CO-OP Career Seminar (SDV212)	1 credit (2 <sup>nd</sup> Sem)
CO-OP Career Seminar (SDV224)	3 credits (2 <sup>nd</sup> Sem)

### **\*Building Trades**

**Grade:** 11-12

**Prerequisite:** None

**College:** DMACC- Ames

**Credit:** 4

**Semester:** Year

**Required:** No

#### **Course Description**

This program allows students to work with an emphasis in the area of construction trades and carpentry. Students work on a job site to complete the construction of a house. Students can earn up to 15 DMACC credits.

Year 1: Care/Use Hand/Power Tools (CON336)/#568	1 credit (1 <sup>st</sup> Sem)
Construction Blueprint Reading (CON337)/#569	1 credit (1 <sup>st</sup> Sem)
Materials/Const. Theory (CON333)#570	5 credits (2 <sup>nd</sup> Sem)
Materials Takeoff (CON338)/#571	1 credit (2 <sup>nd</sup> Sem)
Concrete System & Framing (CON346)/#572	4 credits (2 <sup>nd</sup> Sem)
Year 2: Construction Techniques (CON334)#573	7 credits (2 <sup>nd</sup> Sem)
Construction Drafting & Design (CON341)#574	2 credits (2 <sup>nd</sup> Sem)

### **\*Certified Nurse Assistant**

**Grade:** 12

**Prerequisite:** None

**College:** DMACC Nevada and Ames

**Credit:** 2

**Semester:** Fall or Spring

**Required:** No

#### **Course Description**

This is a semester-long certification program for students interested in becoming a CNA. 6 DMACC Credits are available from the courses Nurse Aid 75 Hours and Advanced Nurse Aid.

Nurse Aide 75 hours (HSC172)/#575.....3 credits    Advanced Nurse Aide(HSC 182)/#576.....3 credits

### **\*Fashion Design (APP260)/#577**

**Grade:** 11-12

**Prerequisite:** None

**College:** DMACC- Ames HS

**Credit:** 2

**Semester:** Fall

**Required:** No

#### **Course Description**

Emphasis is on how the fashion business works, from concept to consumer. Students will learn the basics of buying supplies, creating and developing a new product, and marketing the product. Focus is on analyzing styles and creating and implementing the principles of design into product development as well as researching past and present designers to understand their contribution to fashion.

### **\*Criminal Justice**

**Grade:** 11-12

**Prerequisite:** None

**College:** DMACC- Ames

**Credit:** 4

**Semester:** Year

**Required:** No

#### **Course Description**

Students will explore the criminal justice system and the roles it plays in society; learn techniques, principles, problems, sources of information and evidentiary processes of criminal investigation; examine ethical uses of discretion; analyze officer stress and popular perceptions of the criminal justice system; and work in a lab to gain experience with fingerprinting and crime scene investigation.

Year 1: Intro to Criminal Justice (CRJ100)/#578	3 credits (1 <sup>st</sup> Sem)
Criminal Investigation (CRJ141)/#579	3 credits (1 <sup>st</sup> Sem)
Theories of Interviewing (CRJ109)/#580	3 credits (2 <sup>nd</sup> Sem)
Criminal Law (CRJ130)/#581	3 credits (2 <sup>nd</sup> Sem)
Crime Scene Investigation (CRJ195)/#582	4 credits (Year)

### **\*Culinary Arts**

**Grade:** 11-12

**Prerequisite:** None

**College:** DMACC- Hunziker Center

**Credit:** 4

**Semester:** Year

**Required:** No

#### **Course Description**

Through hands-on experience, students are introduced to the scientific principles used in food preparation, the hospitality industry, and fundamentals of dining and sanitation. DMACC credits are earned in the following courses:

Year 1: Food Preparation I (HCM143)/#588	3 credits (1 <sup>st</sup> Sem)
Food Preparation I Lab (HCM144)/#589	3 credits (1 <sup>st</sup> Sem)
Food Preparation II (HCM152)/#590	2 credits (2 <sup>nd</sup> Sem)
Food Preparation II Lab (HCM153)/#591	2 credits (2 <sup>nd</sup> Sem)
Sanitation & Safety (HCM100)	2 credits (2 <sup>nd</sup> Sem)

### **\*Health Occupations**

**Grade:** 11-12

**Prerequisite:** None

**College:** DMACC- Mary Greeley Hospital Ames

**Credit:** 4

**Semester:** Year

**Required:** No

#### **Course Description**

This year long program will provide students the opportunity to explore careers in health care and work toward CAN training. \*Courses require extended lab time in the evening.

Year 1: Medical Terminology (HSC120)/#593	3 credits (1 <sup>st</sup> Sem)
Survey of Health Careers (HSC105)/#594	1 credit (1 <sup>st</sup> Sem)
Intro to Health Careers (HSC109)/#595	3 credits (1 <sup>st</sup> Sem)
Emergency Care (HSC102)/#596	1 credit (1 <sup>st</sup> Sem)
*Nurse Aide 75 Hours (HSC172)/#575	3 credits (2 <sup>nd</sup> Sem)
*Advanced Nurse Aide (HSC182)/#576	3 credits (2 <sup>nd</sup> Sem)

### **\*Information Technology/Network Administration**

**Grade:** 11-12

**Prerequisite:** Computer Applications I & II

**College:** DMACC- Hunziker Center

**Credit:** 4

**Semester:** Year

**Required:** No

#### **Course Description**

Students are provided with a foundation in the basic technologies of computer networking and will work with the beginning coursework in hardware and software maintenance.

Year 1: CISCO Networking (NET213)/#597	4 credits (2 <sup>nd</sup> Sem)
Digital/Computer Electronics (NET144)/#598	3 credits (1 <sup>st</sup> Sem)
Computer Hardware Basic (NET123)/#599	4 credits (1 <sup>st</sup> Sem)
Linux Networking Admin (NET402)	3 credits (2 <sup>nd</sup> Sem)

### **\*Teacher Academy**

**Grade:** 11-12

**Prerequisite:** None

**College:** DMACC- Hunziker Center

**Credit:** 4

**Semester:** Year

**Required:** No

#### **Course Description**

Students will experience an introduction to the education field through in-class learning and on-site field experiences at the elementary, middle school, and high school level.

Year 1: Introduction to Education (EDU213)/#536	3 credits (1 <sup>st</sup> Sem)
Career Exploration (SDV130)/#535	1 credit (1 <sup>st</sup> Sem)
Initial Field Experience (EDU218)/#534	2 credits (2 <sup>nd</sup> Sem)
Electronic Portfolio Development (SDV164)/#533	2 credits (2 <sup>nd</sup> Sem)

### **\* Textiles (APP211)/#532**

**Grade:** 11-12

**Prerequisite:** None

**College:** DMACC- Ames HS

**Credit:** 2

**Semester:** Spring

**Required:** No

#### **Course Description**

Focus will be on application-oriented study of natural and manufactured fibers. Popular weaves, technologies used to produce, qualities achieved, and costs incurred will be analyzed. Printing and dyeing processes, in addition to the finishes available today, will be studied.

### **\*Visual Communications (Graphic Design/Web)**

**Grade:** 11-12

**Prerequisite:** Computer Applications I & II

**College:** DMACC- Hunziker Center

**Credit:** 4

**Semester:** Year

**Required:** No

#### **Course Description**

Students will learn the basics of creating a web page along with computer graphics using multiple software packages.

Year 1: Communication Design I (GRD403)	3 credits (1 <sup>st</sup> Sem)
Photoshop (GRD463)	3 credits (1 <sup>st</sup> Sem)
Introduction to HTML and CSS (WDV101)	3 credits (1 <sup>st</sup> Sem)
Interactive Media I (GRD470)	3 credits (2 <sup>nd</sup> Sem)
Interactive Media II (GRD471)	3 credits (2 <sup>nd</sup> Sem)

\*\*\*Regent info page!!