

# **REGINA JUNIOR SENIOR HIGH SCHOOL**

## **COURSE DESCRIPTION GUIDE 2017-2018**

(Updated 2-11-17)



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# GENERAL INFORMATION

## 2-DAY CYCLE, 8-PERIOD DAY

The daily school schedule works as follows. Each day is lettered an A or B day. On Monday, Tuesday, and Friday all 8 classes meet. On Wednesday and Thursday, we use a block schedule. On Wednesday periods 1, 3, 5, 7 meet and on Thursday periods 2, 4, 6, 8 meet for longer periods of time. See the schedule below for more details.

Period	M-T-F	■	Period	Wednesday	■	Period	Thursday
1	8:20-9:05	■	1	8:20-9:38	■	2	8:20-9:38
2	9:09-10:00	■	3	9:42-11:04	■	4	9:42-11:04
3	10:04-10:49	■	JH Lunch	11:04-11:26	■	JH Lunch	11:04-11:26
4	10:53-11:38	■	JH 5th	11:30- 12:52	■	JH 6th	11:30- 12:52
JH Lunch	11:38-12:00	■	HS 5th	11:08-12:30	■	HS 6th	11:08-12:30
JH 5th	12:04-12:52	■	HS Lunch	12:30-12:52	■	HS Lunch	12:30-12:52
HS 5th	11:38-12:30	■	7	12:56-2:10	■	8	12:56-2:10
HS Lunch	12:30-12:52	■	Mass	2:15-3:10	■		
6	12:56-1:38	■			■		
7	1:42-2:24	■			■		
8	2:28-3:10	■			■		

## SEVEN CREDITS PER YEAR

Every student must be registered for a minimum of 3.5 credits each semester. Two one-semester courses that meet every day are equal to one year long course. All students are required to be enrolled in academic course work seven periods out of the eight-period day, both semesters. Students may enroll in classes for eight periods, thus increasing their course offerings and credits earned.

## REQUIRED COURSES

All students are required to take certain classes each year. These classes are required for graduation from Regina and may not completely fulfill any college requirements.

## **REGINA GRADE SCALES**

Grading System: All regular academic courses at Regina are graded on an A, B, C, D, F, I, S, U, W, P scale.

Grades 7 through 12: Letter grades are assigned the following values:

A: 4.00	B: 3.00	C: 2.00	D: 1.00	F: .00	I - none
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"Incompletes" are only given for extreme emergencies (illness, death in family, accidents, etc.).

Regina AP Grade Scale: AP Letter grades are assigned the following values:

A: 4.50	B: 3.25	C: 2.10	D: 1.00	F: 0.00	I: none
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All grades below a C- will receive credit based on the non-weighted grading scale.

## **Regina Honor Roll**

Blue Honor Roll      3.5-3.74

Gold Honor Roll      3.75 +

## **National Honor Society Qualifications**

Selection of students for admission to National Honor Society is based on the guidelines established by the national chapter of the National Honor Society. Students securing a 3.5 cumulative grade point average after the first semester of their sophomore year and have completed at least two semesters at Regina may be eligible to apply for NHS.

Any students who achieve this academic standard during their junior or senior year, and are not already in NHS, are also eligible to apply for membership. The scholarship aspect is one of four factors considered when accepting students to NHS. The other three components are service, leadership, and character. All eligible students will receive an application form from the NHS Faculty Advisor. Each candidate is responsible for returning the materials by the established and publicized deadline.

Applications will be reviewed by Regina's NHS Faculty Council. After reviews, students will be sent an acceptance or denial letter. Student may apply or reapply each year (Sophomore--Senior year) as long as the 3.5 GPA remains in place.

## ACADEMIC REQUIREMENTS GRADES 9-12

### REGINA GRADUATION REQUIREMENTS (Starting with the class of 2017)

**MINIMUM** credits for graduation is 26 total unit credits. This requirement is in effect for the graduating class of 2017 and beyond. All students are required to carry at least 7 credits per academic year.

### REQUIRED COURSES

Department	Course	Units prior to 2016	Units	Total Units
<b>Religion</b>	Theology 9, 10, 11, 12	.66	1.0 each	4.0
<b>English</b>	English 9, 10, 11, 12	1.0 Each	1.0 Each	4.0
<b>Social Studies</b>	9: World History	1.0	1.0	3.0
	11: US History	1.0	1.0	
	12: Economics/Government	1.0	1.0	
<b>Mathematics</b>	See possible sequences	1.0 Each	1.0 Each	3.0
<b>Science</b>	See possible sequences	1.0 Each	1.0 Each	3.0
<b>Physical Ed</b>	Physical Education 9, 10, 11, 12	.33 Each	.5 Each	2.0
<b>Fine Arts</b>	Must take in grades 9-12	.5	.5	.5
<b>Health</b>	9th Grade Requirement	.5	.5	.5
<b>Personal Finance</b>	10th Grade Requirement	1.0	.5	.5
<b>Speech</b>	11th Grade Requirements	1.0	.5	.5
<b>Senior Seminar</b>	12th grade Requirement	0	.5	.5
<b>Electives</b>	Various	.5-1 Each	.5-1 Each	4.5
<b>Total Units Required for Graduation</b>				<b>26</b>

### **College Admission Standards**

Including the classes that Regina requires for graduation, there are other courses students may need to prepare for their future. Because many Regina students are interested in furthering their education after high school, we encourage students to add other core courses to their schedule as their schedule allows. Below are the admission requirements at Iowa's three state universities, which may be similar at other colleges and universities around the state and nation. It is recommended that students look carefully at the admission standards for all colleges and universities they may be considering.

Admissions Requirements at Regents Institutions:

UNIVERSITY OF NORTHERN IOWA - Cedar Falls, Iowa

IOWA STATE UNIVERSITY - Ames, Iowa

UNIVERSITY OF IOWA - Iowa City, Iowa

<b>Core Course Dept.</b>	<b>Optimum requirements for admission</b>
<b>English</b>	4 years with an emphasis on the communication skills of writing, reading, and listening, and the analysis and interpretation of literature.
<b>Mathematics</b>	4 Years, one in each year of high school. This must include two years of Algebra and one of Geometry. It is highly recommended to gain an understanding of Trigonometry and/or Calculus.
<b>Natural Science</b>	4 years, one each year of high school. To be really well prepared a minimum of one year of Biology, Chemistry and Physics.
<b>Social Studies</b>	3 years, one year of World and US History. Additional courses in Economic, Government and Psychology will give the incoming student an advantage.
<b>Foreign Language</b>	2 Years of a single foreign language is required for admission to the College of Liberal Arts at The University of Iowa and Iowa State University. No foreign Language is required for Admission to The University of Northern Iowa. 4 Years of a single foreign language is the optimum recommendation.

### **The Regents Admissions Index (RAI) Calculation for non-ranking schools**

3x ACT composite +  
30x High School GPA +  
5x High School Core Courses =  
The RAI Score

A resulting score of 245 or greater — along with completion of the minimum required courses — would guarantee an Iowa student admission to any of the regent universities. Universities could conduct individual reviews of applicants whose RAIs are less than 245.

### **High School Rank**

Regina High School does not report rank on the high school transcript and report cards. Many universities and colleges will base their admission decision on a holistic review of student application materials. Therefore, it will be a good idea for students to continue to take challenging courses that are a good fit for them. It will also be a beneficial to keep an accurate personal record of extracurricular activities, volunteer experience, and accomplishments for grades 9-12. Rank may be given when it is necessary for college admission or scholarship qualification, with parent permission.

### **High School Transfer Credit Grading Policy**

When a student transfers to Regina during their 9th through 12th grade year (or takes a high school credit at another accredited high school institution), Regina will work with that student to transfer existing credit from his or her high school. Regina will grant credit towards graduation, using Carnegie units as an equivalency measurement. **The student's transfer grades will not be figured into a student's cumulative grade point average.** Regina High School only has jurisdiction over grading and class procedures for classes it sponsors and not for other high school institutions. Therefore, grades received from off-campus coursework, not specifically offered by Regina High School, will not be considered in the student's cumulative grade point average (GPA).

### **Other Off-Campus Classes Credit Info**

The following classes are examples of typical coursework which may be credited and appear on the student's transcript, but will not be considered in the computation of the student's grade point average:

- Post Secondary Educational classes from colleges or universities.
- Off-Campus High School Credits. A maximum of two courses may be taken off campus and applied toward the credits needed for graduation. These courses may be taken as remedial work due to failure of a course or because of scheduling conflicts.
- Internships or Career Academy Programs offered through an accredited institution or Kirkwood Edge Program.
- Online High School Courses/High School Correspondence Courses outside of the Regina approved digital curriculum.

### **Physical Education Waiver**

Physical activity and healthy decisions are important components for every student. The Regina Jr./Sr. High School requires our students to complete 2.0 credits (.25 credits per semester) of Physical Education (PE). Students must enroll in physical education each year. Under certain conditions, students may be exempted from physical education classes. See the School Counselor for the waiver forms. According to Iowa Code 256.11. 281 – IAC 12.4(5)f, PE waivers can apply to the following:

**Grades 1-12: Religious Exemption** – Physical education and health exemption. A pupil shall not be required to enroll in either physical education or health courses if the pupil's parent or guardian files a written statement with the school principal that the course conflicts with the pupil's religious beliefs.

**Grade 12: Athletic and Academic Exemptions** -- A 12th grade student may be excused from the physical education requirement by the principal of the school in which the student is enrolled under one of the following circumstances:

1. The student is enrolled in a cooperative, work study, or other educational program authorized by the school which requires the student's absence from the school's premises during the school day.

2. The student is enrolled in an academic course not otherwise available.
3. An organized or supervised athletic program which requires at least as much participation time per week as one-eighth unit of physical education (120 minutes).

**Grades 9–11:**

- Students in grades 9-11 may be excused from the physical education requirement to enroll in academic courses not otherwise available to the student if the authorities in charge of the school determine that the students from the school may be permitted to be excused from the physical education requirement.
- A student may be excused by the principal of the school in which the student is enrolled, in consultation with the student's counselor, for up to the equivalent of a semester, per year if the parent or guardian of the student requests in writing that the student be excused from the physical education requirement. The student seeking to be excused from the physical education requirement must, at some time period during which the excuse is sought, be a participant in an organized athletic program which requires at least as much time of participation per week as one-eighth unit of physical education (120 minutes). The student's parent or guardian must request the excuse in writing. The principal shall inform the authority that the student is excused.

**Credit Recovery Policy**

If a high school student fails a core class required to graduate, the student, parent and school counselor/administrator need to work collaboratively to make a plan to recover the needed graduation credit. The type of credit recovery course options may be limited to the type of course needed, among other factors. Typical credit recovery options include:

1. Retake the course at Regina during the following school year, or the next time it is offered. This course will be graded, added to the transcript, and included in GPA.
2. Take the course through Iowa Learning Online, a program of the Iowa Department of Education. This option can be done during the school year or during the summer term 2017. The cost for an ILO course is \$250 per course per semester. An ILO course will be graded, added to the transcript, and included in GPA.
3. Take the course through APEX learning online during the next semester or school year. An APEX course is \$100 per semester. An APEX course will be graded, added to the transcript, and included in GPA.

Enrollment plans should be made through the counselor or an administrator as soon as possible.

\*Please note, if a high school student is in an activity or sport, a failed course may result in time that a student cannot participate in that sport. See the Regina athletic department or the K-12 Student Handbook for more information.



### **Student Learning Center**

The Student Learning Center is designed to provide educational support in a variety of different ways. It can range from organizational skills to re-teaching of core concepts. It is an opportunity for students to receive individualized assistance geared toward their special needs.

#### Criteria:

I. Students should be referred when they have a diagnosed learning disability or exhibit a consistent learning need that impairs one or more areas of academics.□

II. The first step to admittance is the student, parent, or teacher consult with the Learning Center teacher□.

The second step is completion of a referral form stating the reasons for the referral and detailing accommodations and interventions already attempted.

The third step is if after this procedure, it is deemed appropriate by the counselor, teachers, parents, and student, the students will be admitted upon availability in the Student Learning Center.

### **TAG Program**

**Talented and Gifted (TAG)** - Educational programming is available to qualified students in the area of gifted education. This programming is designed to provide academic challenge to students in the regular education classroom setting as well as special activities designated only for identified students. This is available to all qualified students in grades 7 - 12. For questions regarding qualifications, please contact the counselor, principal or TAG coordinator.

# Advanced Placement Courses

## WHAT IS AP?

The Advanced Placement (AP) program offers high school students the opportunity to take more challenging coursework and possibly receive university credit while still in high school. The determination of college credit given is determined by each post-secondary institution. There are over 35 AP courses offered throughout the nation. Students who enroll in these courses are required to take the AP exam in May. See department specific course descriptions for more details about each course. For more information about AP Courses, visit <https://www.collegeboard.org/>

## AP COURSES AT REGINA BY REGINA TEACHERS

- Biology
- Calculus AB
- Calculus BC
- English Language & Composition
- English Literature & Composition
- Psychology
- Studio Art: 2D
- Studio Art: 3D
- Studio Art: Drawing
- US History
- World History

## AP COURSES ONLINE BY OUTSIDE COLLEGE INSTRUCTORS

- Chemistry
- Computer Science A
- Computer Science Principles
- Macroeconomics
- Microeconomics
- Spanish
- Statistics
- US Government & Politics

## AP INDEPENDENT STUDY COURSES

(Students are allowed a “study hall” time during the school day to prepare for the AP exam; no Regina high school credit is given)

- European History
- Human Geography
- (Open to other AP options)

## REGINA AP GRADE WEIGHTING

Regina AP classes receive grade weighting. Rationale: the quantity of work and the quality of Regina AP classes or online AP classes are very demanding as compared to the grade level counterpart class. Regina AP Grade Scale: AP Letter grades are assigned the following values:

A: 4.50	B: 3.25	C: 2.10	D: 1.00	F: 0 .00	I: none
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All grades below a C- will receive credit based on the non-weighted grading scale.

Each college or university may have a different AP credit policy based on course and student score. You can research the AP credit policies on the College Board Website:

<http://collegesearch.collegeboard.com/apcreditpolicy/index.jsp>

## AP EXAMS

Students who take an AP course are expected to take the national AP Exam in May. The cost of the exam changes from year to year. For the 2017 exams, it is approximately \$94 per exam.

Scholarships are available. **Students who are enrolled in the AP course and do not take the AP exam will not receive the weighted grade for the AP course.**

In addition, students may elect to take an AP Exam without enrolling in the course. Special permission is needed from administration in this case.

## ADVANCED PLACEMENT COURSES ONLINE

Advanced Placement courses taken online are available to students. Students who are successful in their online AP classes need to be independent learners and very motivated to spend time working on their course. It is recommended students be Juniors or Seniors to participate in AP online classes. Students must attain the approval of the TAG coordinator, school counselor, and their parents to enroll in an AP online course. A student must have a free period during the day to work on their online course. Regina grading guidelines are followed for AP online courses. Apex Learning, which has a College Board approved AP curriculum, is used for Regina's AP online coursework. The cost for an online course will vary per year (approximately \$100 per course).

# Course List by Department

<b>Art</b>	7 t h	8 t h	9 t h	1 0 t h	1 1 t h	1 2 t h	Required	Cred it	RAI Or NCAA	Fees	College Credit Available
JH Art 1	x	x						0.25			
JH Art 2	x	x						0.25			
Art 1			x	x	x	x		0.50			
Art 2			x	x	x	x		0.50			
3-D Forms				x	x	x		0.50			
Photography				x	x	x		0.50			
Advanced Art Studio						x		0.50			
Illustrator I				x	x	x		0.50		\$100	Yes
Digital Imaging				x	x	x		0.50		\$100	Yes
AP Studio Art: Drawing					x	x		1.00		\$94	Yes
AP Studio Art: 2D					x	x		1.00		\$94	Yes
AP Studio Art: 3D					x	x		1.00		\$94	Yes

<b>Business &amp; Technology</b>	7 t h	8 t h	9 t h	1 0 t h	1 1 t h	1 2 t h	Required	Cred it	RAI Or NCAA	Fees	College Credit Available
Computer Applications	x	x					Yes	0.50			
Personal Finance				x			Yes	0.50			
Business Law			x	x	x	x		0.50			
Marketing			x	x	x	x		0.50			

Intro to Web Programming				x	x	x		0.50		\$100	Yes
Accounting 1			x	x	x	x		0.50			
Accounting 2			x	x	x	x		0.50			
Microsoft Office Specialist			x	x	x	x		0.50			
AP Computer Science Principles				x	x	x		1.00		\$94	Yes
AP Computer Science A				x	x	x		1.00		\$94	Yes
Senior Seminar						x	Yes	0.50			

<b>English</b>	7 t h	8 t h	9 t h	1 0 t h	1 1 t h	1 2 t h	Required	Cred it	RAI Or NCAA	Fees	College Credit Available
English 7	x						Yes	1.00			
Language Arts 7	x						Yes	0.50			
English 8		x					Yes	1.00			
Language Arts 8		x					Yes	0.50			
I-Ready Reading	x	x						.25- 1.00			
JH Speech	x	x						0.25			
English 9			x				Yes	1.00	Both		
English 10				x			Yes	1.00	Both		
English 11					x		Yes	1.00	Both		
AP English Language & Comp.					x		Yes*	1.00	Both	\$94	Yes
English 12						x	Yes	1.00	Both		
AP English Literature and Comp.						x	Yes*	1.00	Both	\$94	Yes
Creative Writing			x	x	x	x		0.50	Both		
Journalism			x	x	x	x		0.50	Both		

Yearbook			x	x	x	x		0.50			
Speech						x	Yes	0.50	Both		
Acting I			x	x	x	x		0.50			
Acting II			x	x	x	x		0.50			

<b>Family &amp; Consumer Science</b>	7 t h	8 t h	9 t h	1 0 t h	1 1 t h	1 2 t h	Required	Cred it	RAI Or NCAA	Fees	College Credit Available
Family & Consumer Science I	x	x						0.25			
Family & Consumer Science II	x	x						0.25			
Foods I			x	x	x	x		0.50		\$50	
Foods II			x	x	x	x		0.50		\$50	

<b>Mathematics</b>	7 t h	8 t h	9 t h	1 0 t h	1 1 t h	1 2 t h	Required	Cred it	RAI Or NCAA	Fees	College Credit Available
Math 7	x						Yes	1.00			
Pre-Algebra	x	x					Yes	1.00			
I-Ready Math	x	x						.25- 1.00			
Algebra I	x	x	x	x			Yes	1.00	Both		
Algebra IA			x				Yes*	1.00	No		
Algebra 1B				x			Yes*	1.00	Both		
Geometry			x	x	x	x	Yes	1.00	Both		
Algebra II			x	x	x	x	Yes	1.00	Both		
Discrete Math I					x	x		0.50	Both		

Discrete Math II					x	x		0.50	Both		
Pre-Calculus			x	x	x	x		1.00	Both		
Calculus					x	x		1.00	Both		
AP Calculus AB				x	x	x		1.00	Both	\$94	Yes
AP Calculus BC					x	x		1.00	Both	\$94	Yes
AP Statistics Online					x	x		1.00	Both	\$94	Yes

<b>Music</b>	7 t h	8 t h	9 t h	1 0 t h	1 1 t h	1 2 t h	Required	Cred it	RAI Or NCAA	Fees	College Credit Available
Junior High Chorus	x	x					Yes*	0.50			
Junior High Band	x	x					Yes*	1.00			
Junior High Orchestra	x	x					Yes*	1.00			
General Music	x	x					Yes*	0.50			
Concert Choir			x	x	x	x		1.00			
High School Band			x	x	x	x		1.00			
High School Orchestra			x	x	x	x		1.00			

<b>Physical Education &amp; Health</b>	7 t h	8 t h	9 t h	1 0 t h	1 1 t h	1 2 t h	Required	Cred it	RAI Or NCAA	Fees	College Credit Available
Junior High PE	x	x					Yes	0.50			
PE 9-12			x	x	x	x	Yes	0.50			
Fitness & Wellness			x	x	x	x		0.50			
Health			x				Yes	0.50			
Health & Human Development			x	x	x	x		0.50			

<b>Project Lead the Way</b>	7 t h	8 t h	9 t h	1 0 t h	1 1 t h	1 2 t h	Required	Cred it	RAI Or NCAA	Fees	College Credit Available
PLTW Intro to Engineering Design			x	x	x	x		1.00		\$100	Yes
PLTW Biomedical Science				x	x	x		1.00		\$100	Yes
PLTW Human Body Systems					x	x		1.00		\$100	Yes

<b>Science</b>	7 t h	8 t h	9 t h	1 0 t h	1 1 t h	1 2 t h	Required	Cred it	RAI Or NCAA	Fees	College Credit Available
Life Science 7	x						Yes	1.00			
Physical Science 8		x					Yes	1.00			
Core Science			x				Yes*	1.00	Both		
Biology			x	x			Yes	1.00	Both		
Chemistry			x	x	x	x		1.00	Both		
Anatomy & Physiology				x	x	x		1.00	Both		
Physics					x	x		1.00	Both		
PLTW Biomedical Science				x	x	x		1.00		\$100	Yes
PLTW Human Body Systems					x	x		1.00		\$100	Yes
AP Biology					x	x		1.00	Both	\$94	Yes
AP Chemistry Online					x	x		1.00	Both	\$94	Yes



<b>Social Studies</b>	7 t h	8 t h	9 t h	1 0 t h	1 1 t h	1 2 t h	Required	Cred it	RAI Or NCAA	Fees	College Credit Available
World Geography	x						Yes	1.00			
American History		x					Yes	1.00			
World History			x				Yes	1.00	Both		
U.S. History				x	x		Yes	1.00	Both		
AP U.S. History				x	x	x	Yes*	1.00	Both	\$94	Yes
Psychology			x	x	x	x		0.50	Both		
Abnormal Psychology			x	x	x	x		0.50	Both		
AP Psychology				x	x	x		1.00	Both	\$94	Yes
AP World History				x	x	x		1.00	Both	\$94	Yes
American Government					x	x	Yes	0.50	Both		
AP U.S. Government & Politics Online					x	x	Yes*			\$94	Yes
Economics						x	Yes	0.50	Both		
AP Macroeconomics Online						x	Yes*	0.50	Both	\$94	Yes
AP Microeconomics Online						x	Yes*	0.50	Both	\$94	Yes

<b>Theology/Religion</b>	7 t h	8 t h	9 t h	1 0 t h	1 1 t h	1 2 t h	Required	Cred it	RAI Or NCAA	Fees	College Credit Available
Via de Cristo	x	x					Yes	2.00			
Theology 9			x				Yes	1.00			
Theology 10				x			Yes	1.00			

Theology 11					x		Yes	1.00			
Theology 12						x	Yes	1.00			

<b>World Religions</b>	7 t h	8 t h	9 t h	1 0 t h	1 1 t h	1 2 t h	Required	Cred it	RAI Or NCAA	Fees	College Credit Available
Spanish I		x	x	x	x	x		1.00	Both		
Spanish II			x	x	x	x		1.00	Both		
Spanish III				x	x	x		1.00	Both		
Spanish IV					x	x		1.00	Both		
Spanish V						x		1.00	Both		
AP Spanish Language Online						x		1.00	Both	\$94	Yes

# Course Descriptions by Department

## Art Department

COURSE TITLE: JH Art 1 ELECTIVE  
PREREQUISITE: None GRADES: 7, 8  
SEMESTER CREDIT: .25  
ALTERNATE DAYS

COURSE DESCRIPTION: In Junior High Art 1 students will be exploring a variety of processes and media as well as being introduced to art history, visual cultures and art criticism. Students will create an Artist's Journal with 15 small artworks and are encouraged to experiment with a variety of media and processes such as drawing, painting, collage, and printmaking and to use alternative materials. Students work on their journals throughout the semester and they are due on the last day of class. Class projects are on a two-year rotation and include: value grid self portraits, surrealism stippling drawings, Run for the Schools brand identity designs (technology project), Pre-Columbian tapas, symbolic oil crayon and tempera resists, linoleum cut line designs (printmaking process), pop art paintings, clay and glass mosaic mirrors or boxes, vegetable head portraits, analytical cubist paintings, synthetic cubist collages, altered books, soda can sculptures, stop motion animation, kaleidoscope word designs, Peter Max paintings, vintage circus poster collages, perspective drawings, paper maché masks or puppets and various group and individual clay projects.

COURSE TITLE: JH Art 2 ELECTIVE  
PREREQUISITE: None GRADES: 7, 8  
SEMESTER CREDIT: .25  
ALTERNATE DAYS

COURSE DESCRIPTION: In Junior High Art 2 students will complete a second Artist's Journal, however the focus is on quality and cohesion (as opposed to quantity, variety and experimentation in Art 1 journals). Art 2 students are required to have 10 small artworks in their journals, and their journals must have a binding theme that ties all the work together. Themes can be concept based, process based or text-based (center around a story, collection of poems, songs, rhymes, etc.). Students work on their journals throughout the semester and they are due on the last day of class. Class projects are on a two-year rotation and include: value grid self portraits, surrealism stippling drawings, Run for the Schools brand identity designs (technology project), Pre-Columbian tapas, symbolic oil crayon and tempera resists, linoleum cut line designs (printmaking process), pop art paintings, clay and glass mosaic mirrors or boxes, vegetable head portraits, analytical cubist paintings, synthetic cubist collages, altered books, soda can sculptures, stop motion animation, kaleidoscope word designs, Peter Max paintings, vintage circus poster collages, perspective drawings, paper maché masks or puppets and various group and individual clay projects

COURSE TITLE: Art I ELECTIVE  
PREREQUISITE: None GRADES: 9,10,11,12  
SEMESTER CREDIT: .50  
DAILY

COURSE DESCRIPTION: In Art I students will learn the basics of drawing with black & white media. During the Semester they will complete projects in pencil, charcoal, pen & ink, scratchboard and Caricature drawing. They will also be introduced to printmaking and pottery.

COURSE TITLE: Art II ELECTIVE  
PREREQUISITE: Art I GRADES: 9,10,11,12  
SEMESTER CREDIT: .50  
DAILY

COURSE DESCRIPTION: In Art II students will transition to the use of color. Color theory and mixing are a major part of the course. Projects in color pencil, watercolor, and acrylic painting will be completed by students. Students will also create a T-shirt design and apply it to clothing using the silkscreen process. The course will end with a stained glass project.

COURSE TITLE: 3-D Forms ELECTIVE  
PREREQUISITE: Art I & II GRADES: 10, 11, 12  
SEMESTER CREDIT: .50  
DAILY

COURSE DESCRIPTION: 3-D Forms students will complete a number of clay projects along with other 3-D art forms. Some of these will include: plaster casting, candle making, sculpture and metal cast jewelry. Students will also take a field trip to pit-fire pottery in the ground.

COURSE TITLE: Photography ELECTIVE  
PREREQUISITE: Art I & II GRADES: 10, 11, 12  
SEMESTER CREDIT: .50  
DAILY

COURSE DESCRIPTION: In Photography, students will begin with a simple pinhole camera, and will move up to using film cameras. They will learn the art of Black & White film photography and darkroom developing techniques. The second half of the semester will be dedicated to Digital Photography, and learning to edit photos with Adobe Photoshop.

COURSE TITLE: Advanced Art Studio (Sr. Art) ELECTIVE  
PREREQUISITE: Art I & II, 3-D Forms, Photography GRADES: 12  
SEMESTER CREDIT: .50  
DAILY

COURSE DESCRIPTION: This is a class only for seniors who have completed all of the other Art courses. Students will propose the projects they wish to complete through a preliminary conference with the instructor. They will work on these projects throughout the Semester, but will also be a part of group projects to be led by the instructor. This course will also include a field trip to be announced.

COURSE TITLE:	<u>Illustrator I</u> (Formerly Digital Drawing)	ELECTIVE--DUAL CREDIT
PREREQUISITE:	None	GRADES: 11, 12
SEMESTER		CREDIT: .50
DAILY		

This course introduces Adobe Illustrator and its applications in graphic communication. Class activities include projects to explore the Adobe Illustrator tools as they apply to object (vector) based files, as well as Adobe Illustrator filters and layers. Students practice basic drawing and tracing techniques, create line art, logos and learn to simplify art work through stylizing. Creative use of type is also explored. Students learn to set up color for reproduction, and also learn to save and manage files, and how files interact with page layout and paint (raster) programs.

\$100 Fee.

GRA-127 Illustrator I

3 Kirkwood College Credits

COURSE TITLE:	<u>Digital Imaging</u> (Formerly Photoshop)	ELECTIVE--DUAL CREDIT
PREREQUISITE:	None	GRADES: 11, 12
SEMESTER		CREDIT: .50
DAILY		

This course introduces electronic image editing software using Photoshop. Concepts covered include basic scanning techniques for grayscale and line art images, proper manipulation procedures required for various output sources, including input and output resolutions, file size, multiple file saving formats, simple image enhancements and creating duo-tones, and other creative applications of Photoshop.

\$100 Fee.

GRA-140 Digital Imaging

3 Kirkwood College Credits

COURSE TITLE:	<u>AP Studio Art: Drawing</u>	ELECTIVE
PREREQUISITE:	Art I & II or teacher recommendation	GRADES: 11, 12
SEMESTER		CREDIT: 1.00
DAILY		

Course Description: Explore drawing issues including line quality, light and shade, rendering of form, composition, surface manipulation, the illusion of depth and mark-making through a variety of means, such as painting, printmaking or mixed media. Be an informed and critical decision-maker as you develop a portfolio that is personal to your individual talents and interests, while demonstrating mastery of drawing principles. Explore your creativity and become an independent thinker in your contributions to art and culture. Unlike other AP courses, there is no AP exam at the end of the year. Instead students will submit a portfolio of work to the AP College Board for assessment.

Required: AP Project/Portfolio Review Fee (around \$94). Scholarships available.

COURSE TITLE: AP Studio Art: 2D ELECTIVE  
PREREQUISITE: Art I & II or teacher recommendation GRADES: 11, 12  
SEMESTER CREDIT: 1.00  
DAILY

Course Description: Students will produce two dimensional art to include drawing, painting, collage, digital design, and photography. Unlike other AP courses, there is no AP exam at the end of the year. Instead students will submit a portfolio of work to the AP College Board for assessment.

Required: AP Project/Portfolio Review Fee (around \$94). Scholarships available.

COURSE TITLE: AP Studio Art: 3D ELECTIVE  
PREREQUISITE: Art I & II or teacher recommendation GRADES: 11, 12  
SEMESTER CREDIT: 1.00  
DAILY

Course Description: Students will produce three dimensional art. Unlike other AP courses, there is no AP exam at the end of the year. Instead students will submit a portfolio of work to the AP College Board for assessment.

Required: AP Project/Portfolio Review Fee (around \$94). Scholarships available.

See the Digital Curriculum list for additional course offerings in this subject.

# Business and Technology Department

COURSE TITLE: Computer Applications  
PREREQUISITE: None  
YEAR  
ALTERNATE DAYS

REQUIRED  
GRADES: 7 or 8  
CREDIT: .5

COURSE DESCRIPTION: Computing is an important part of everyday life in the twenty-first century. This course introduces students to the fundamentals of computing, components of computers, and operating systems. This course also shows students how to connect, browse, navigate the internet along with using searching engines and exchanging emails. Students will also gain confidence in computing by explaining the risks and threats to computer security and privacy. Finally, students will learn how to use the most common productivity software applications, including; word, powerpoint, excel.

COURSE TITLE: Personal Finance  
PREREQUISITE: None  
YEAR  
ALTERNATE DAYS

REQUIRED  
GRADES: 10  
CREDIT: .50

COURSE DESCRIPTION: This course gives students a consistent framework for thinking through financial choices in order to improve their well-being. Decisions require action. Throughout the course, students will learn: goals/values, investing in themselves (human capital), present/future self, time value of money, compound interest, opportunity cost/trade off, risk/return, insurance, credit report, spending plan, and budgeting.

COURSE TITLE: Business Law  
PREREQUISITE: None  
SEMESTER  
DAILY

ELECTIVE  
GRADES: 9, 10, 11, 12  
CREDIT: .50

COURSE DESCRIPTION: This is a one semester class designed to give students an understanding of business and personal law. Topics to be discussed include: understanding the law and our legal system, entering contracts, understanding consumer law, being an agent and getting a job, starting a business, and planning for the future. The first quarter of the class will focus on ethics, the court system, contracts, consumer and product liability and employment law. During the second quarter, study will focus on different forms of business, personal property, retirement/wills, marriage and divorce. A field trip is planned to hear and witness actual court cases.

COURSE TITLE: Marketing  
PREREQUISITE: Personal Finance or Business Law  
SEMESTER  
DAILY

ELECTIVE  
GRADES: 10, 11, 12  
CREDIT: .50

COURSE DESCRIPTION: Marketing introduces students to the processes and functions involved in transferring business products or services to a consumer. Students will recognize the customer oriented nature of marketing and analyze the impact of marketing activities on the individual, business, and society. Students will analyze the characteristics, motivations, and behaviors of consumers. Students will analyze the elements of marketing mix, their interrelationships, and how they are used in the marketing process. Students will analyze the role of marketing research in decision-making. Students will also describe the elements, design, and purposes of a marketing plan.

COURSE TITLE: Computer Coding and App Development (INACTIVE) ELECTIVE  
PREREQUISITE: None GRADES: 9, 10, 11, 12  
SEMESTER CREDIT: .50  
DAILY

COURSE DESCRIPTION: The course will introduce students to the breadth of the field of computer science. The course is designed to focus on the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems. The goal of the course is to develop in students the computational practices of algorithm development, problem solving and programming within the context of problems that are relevant to their lives. Students will also be introduced to topics such as interface design, limits of computers, societal and ethical issues, and app development.

COURSE TITLE: Fundamentals of Web Programming (Formerly Web Design)  
ELECTIVE - Dual Credit  
PREREQUISITE: None GRADES: 10, 11, 12  
SEMESTER CREDIT: .50  
DAILY

COURSE DESCRIPTION: Use various software programs to create, update, and manage professional quality websites using graphics and programming skills. This course will be offered as a dual credit with Kirkwood.

\$100 Fee.

Eligible to earn 3 Kirkwood College Credits



COURSE TITLE: Accounting 1  
PREREQUISITE: None  
SEMESTER  
DAILY

ELECTIVE  
GRADES: 9, 10, 11, 12  
CREDIT: .5

COURSE DESCRIPTION: This is an introductory course designed to give the student a basic understanding of accounting rules and principles and the accounting cycle. Double entry bookkeeping is employed to instruct the use and understanding of ledgers, balance sheets, posting journals, compiling worksheets, opening and closing entries, and various financial statements. Business simulations will be incorporated into the course in order to provide the student with an understanding of the different types of on-the-job activities that are required of entry level accounting positions

COURSE TITLE: Accounting 2 (INACTIVE)  
PREREQUISITE: Accounting 1  
SEMESTER  
DAILY

ELECTIVE  
GRADES: 9, 10, 11, 12  
CREDIT: .50

COURSE DESCRIPTION: This is a course designed to build on the knowledge students received in Accounting 1. Business simulations will be incorporated into the course in order to provide the student with an understanding of the different types of on-the-job activities that are required of entry level accounting positions.

COURSE TITLE: Microsoft Office Specialist Course  
PREREQUISITE: None  
SEMESTER  
DAILY

ELECTIVE  
GRADES: 9, 10, 11, 12  
CREDIT: .50

COURSE DESCRIPTION: This elective course will walk students through tools and features of Powerpoint, Word and Excel that go beyond the basics to cover advanced skills tested over in the Microsoft Certification tests. Using a combination of textbook skills and Regina based content, this course prepares students to take the official Microsoft Office Specialist Certification exams.

COURSE TITLE: Senior Seminar  
PREREQUISITE: None  
YEAR  
ALTERNATE DAYS

REQUIRED  
GRADES: 12  
CREDIT: .50

COURSE DESCRIPTION: Senior Seminar is a required course for all seniors. The course will focus on developing students' plans, skills, and problem solving as they prepare to move beyond high school. A team of Regina teachers and administrators is currently developing this course with a focus on collaboration, leadership skills, life planning. There will also be a senior project included within the course. The course will meet opposite days of physical education. Coursework will include: To work on something that they are truly passionate about; Basic skills – car, life skills, laundry, living on their own 101; Review of Microsoft Skills; Research assistant – mentor that is not the teacher.

COURSE TITLE: AP Computer Science Principles  
PREREQUISITE: None  
YEAR  
DAILY

ELECTIVE  
GRADES: 9,10, 11, 12  
CREDIT: 1.00

AP Computer Science Principles (CSP) is a full-year, vigorous, entry-level course that introduces high school students to the foundations of modern computing. The course covers a broad range of topics that make up computing such as programming, algorithms, the Internet, big data, digital privacy and security, and the societal impacts of computing.

The course is designed around the AP Computer Science Principles Framework and prepares students to take the AP exam and to complete the AP Performance Tasks. This course seeks to provide students with a “future proof” foundation in computing principles so that they are adequately prepared with both the knowledge and skills to live and meaningfully participate in our increasingly digital society, economy, and culture.

The Internet and Innovation provide a narrative arc for the course, a thread connecting all of the units. The course starts with learning about what is involved in sending a single bit of information from one place to another and ends with students considering the implications of a computing innovation of their own design. Along the way students learn:

- How the Internet works and its impacts on society.
- How to program and rapidly prototype small JavaScript applications both to solve problems and to satisfy personal curiosity.
- How to collect, analyze and visualize data to gain insight and knowledge.
- How to evaluate the beneficial and harmful effects to people and society brought on by computing innovations.

All students who enroll will be charged a fee, which will be applied to the mandatory College Board AP exam. The results of this exam and individual college and university policies will determine if students receive college credit.

Required: AP Exam (fee around \$94 - scholarships available)

COURSE TITLE: AP Computer Science A  
PREREQUISITE: None  
YEAR  
DAILY

ELECTIVE  
GRADES: 10, 11, 12  
CREDIT: 1.00

AP Computer Science A is equivalent to a first-semester, college level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities.

The assumed prerequisites for entering the AP Computer Science A course include knowledge of basic English and algebra. A student in the AP Computer Science A course should be comfortable with functions and the concepts found in the uses of function notation, such as  $f(x) = x + 2$  and  $f(x) = g(h(x))$ . It is important that students and their advisers understand that any significant computer

science course builds upon a foundation of mathematical reasoning that should be acquired before attempting such a course.

All students who enroll will be charged a fee, which will be applied to the mandatory College Board AP exam. The results of this exam and individual college and university policies will determine if students receive college credit.

Required: AP Exam (fee around \$94 - scholarships available)

See the Digital Curriculum list for additional course offerings in this subject.

# English Department

COURSE TITLE:	<u>Language Arts 7</u>	REQUIRED
PREREQUISITE:	None	GRADES: 7
ALL YEAR		CREDIT: .50
ALTERNATE DAYS		

COURSE DESCRIPTION: This course emphasizes the development of students' grammar, writing, vocabulary, and spelling. Students will focus on developing content, organization, grammar, and basic mechanics in written assignments, Grammar will be addressed almost daily. Students will also study the basic parts of speech and begin to develop a vocabulary for analyzing and discussing literature through the study of literary terms and their applications. Poetry, drama, short stories, and nonfiction will provide the background through which these terms will be studied.

COURSE TITLE:	<u>I-Ready Reading 7/8</u>	SUPPLEMENT
PREREQUISITE:	Teacher Recommendation/IA Assmnt. scores	GRADES: 7/8
ALL YEAR		CREDIT: .25
DAILY OR ALTERNATE DAYS		

COURSE DESCRIPTION: In this course, students will learn reading skills and strategies for reading and comprehending across the curriculum. The Reading program is based on the I-Ready Reading and Diagnostic online program. Students take a diagnostic placement test and the computer designs an individualized set of lessons for each student. These lessons are based on the Iowa Core Standards. Students will continue to work with the teacher, individually, and in small groups, on specific lessons. This course is a supplement to the regular curriculum, with student placement for as long as needed.

COURSE TITLE:	<u>English 7</u>	REQUIRED
PREREQUISITE:	None	GRADES: 7
ALL YEAR		CREDIT: .50
DAILY		

COURSE DESCRIPTION: This course focuses on the critical reading and discussion of literature. Students will use a variety of approaches to develop comprehension, critical thinking, and inquiry skills. The primary texts will be novels *Fever 1794* and *The Outsiders*, and *The Giver* as well as other material selected by the teacher. Students will also utilize the school library for reading, projects, and research. This course is centered around student discussion and literature circles.

COURSE TITLE: English 8  
PREREQUISITE: None  
ALL YEAR  
DAILY

REQUIRED  
GRADES: 8  
CREDIT: 1.00

COURSE DESCRIPTION: English 8 will largely consist of reading literature, short nonfiction works, short stories, poetry, and drama. We will also read novels such as *The Hobbit*, *To Kill a Mockingbird*, and *The Hound of the Baskervilles*. We will also read at least one nonfiction book, *Before Columbus: The Americas of 1491* and/or *Sugar Changed the World: A Story of Magic, Spice, Slavery, Freedom and Science*. In Literature 8, students will practice applying the literary terms and concepts they are introduced to as they read novels and nonfiction books. The novels the students read are selected to introduce them to classic literature before they encounter the more rigorous reading demands of high school. Some of the skills emphasized in English 8 are comparing and contrasting information in nonfiction and literary elements in fiction, synthesizing information to formulate a main idea, sequencing information and identifying key concepts and details, evaluating evidence in nonfiction and style in fiction, identifying author's purpose, and tracking a text's structure and theme across the entire work. Students will practice these skills through class discussions and a wide variety of assignments including written assignments, graphic organizers, and projects. In English 8 students will also study the academic vocabulary needed to understand literature and analysis of literature, and they will have regular lists of vocabulary words taken from the readings done in class.

COURSE TITLE: Language Arts 8  
PREREQUISITE: None  
ALL YEAR  
ALTERNATE DAYS

REQUIRED  
GRADES: 8  
CREDIT: .50

COURSE DESCRIPTION: In Language Arts 8, students study grammar, writing, and Greek and Latin prefixes/suffixes/roots. Students will write a variety of short and long (for 8<sup>th</sup> grade) writing assignments that will help them develop skills in formulating claims and backing claims with quality evidence and support. The types of writing students generally do in 8<sup>th</sup> grade are creative writing, literary analysis, persuasive writing, research, and personal narrative. Writing is emphasized as a process, and prewriting, drafting, peer reviewing, and revision are all part of the writing process used in 8<sup>th</sup> grade. It is important to remember that there is a wide variety of skill in writing in 8<sup>th</sup> grade. Students develop skills at different rates and individual growth is taken into account. Writing assignments generally range from one paragraph to three typed, double-spaced pages. Grammar concepts covered in Language Arts 8 are capitalization, punctuation, mood of verbs, verbals, passive/active voice, subject-verb agreement and more. Grammar instruction is a blend of direct instruction and application of learned concepts in writing.

COURSE TITLE: JH Speech  
PREREQUISITE: None  
SEMESTER  
ALTERNATE DAYS

ELECTIVE  
GRADES: 7, 8  
CREDIT: .25

COURSE DESCRIPTION: This course is an introductory speech communication class. The students will learn how to converse and interview, make introductions, communicate verbally and nonverbally, listen and critique speeches, and to speak confidently in formal and informal situations. They will learn how to prepare, research, outline, deliver, and evaluate speeches. Students will learn how to reason logically, present arguments, and persuade an audience. They will prepare and give an introductory speech, a persuasive or informative speech, and an oral reading. Speaking, reading, and drama activities will be stressed.

COURSE TITLE: English 9  
PREREQUISITE: None  
ALL YEAR  
DAILY

REQUIRED  
GRADES: 9  
CREDIT: 1.00

COURSE DESCRIPTION: This course encompasses the reading, analysis and comparison of short fiction and nonfiction, poetry and drama. The major works studied by the class will be selections from *The Odyssey*, *Romeo and Juliet*, *Lord of the Flies*, *My Antonia*, *Fahrenheit 451*, *The Time Machine*, and *A Christmas Carol*. The students study a mix of classic, contemporary, and multicultural works. The course will move students toward a formal study of literature and analysis of literature based on textual evidence for meaning as demonstrated through analytical essays. Students continue to study the elements of literature, such as the parts of a plot line, characterization, symbolism, and setting. Students will also study vocabulary, continue to learn about the parts of speech and grammar/mechanics, and the form and mechanics of writing.

COURSE TITLE: English 10  
PREREQUISITE: None  
ALL YEAR  
DAILY

REQUIRED  
GRADES: 10  
CREDIT: 1.00

COURSE DESCRIPTION: This course continues the study of literature, focusing on world literature, short stories, and poetry. Generally, the major works studied are: *A Separate Peace*, *Great Expectations*, *Dracula*, *Of Mice and Men*, *Night*, *Julius Caesar*, and *Tuesdays with Morrie*. Students continue to study vocabulary, parts of speech and grammar/mechanics in addition to formal writing.

COURSE TITLE:	<u>Speech 11</u>	REQUIRED	
PREREQUISITE:	None	GRADES:	11
YEAR		CREDIT:	.5
ALTERNATE DAYS			

COURSE DESCRIPTION: This course is a continuation of Speech class from the students' Junior High years. Students will delve deeper into researching strategies, conversational techniques, and the intricacies of speech creating and making. This class will focus further into the different genres of speech communications. This includes but is not limited to the following: argumentation and debate, group decision-making, interpersonal, intrapersonal, storytelling, political, media, and multi-cultural communications. Focus will also continue on the general styles of speech giving: informative, persuasive, impromptu, demonstrative, commemorative.

COURSE TITLE:	<u>English 11</u>	REQUIRED	
PREREQUISITE:	None	GRADES:	11
ALL YEAR		CREDIT:	1.00
DAILY			

COURSE DESCRIPTION: This course is designed to prepare students for the communication skills and literary knowledge necessary for success in college. We believe that students not bound for college will also benefit as well from this practical liberal arts approach. The emphasis in the course is developing writing skills (especially exposition and argument) and vocabulary. Grammar, syntax, and spelling will be reviewed as need arises. Public speaking is addressed in this course as well. Central to the curriculum is the survey of American Literature that is used to inspire writing and thinking. The curriculum will include, but not be limited to, the study of at least two novels (TBD), a Shakespeare play (generally Macbeth), sundry short stories, and poetry.

COURSE TITLE:	<u>English 12</u>	REQUIRED	
PREREQUISITE:	None	GRADES:	12
ALL YEAR		CREDIT:	1.00
DAILY			

COURSE DESCRIPTION: This course is designed to have students ready for the rigors of college communication, especially writing. We believe that students not bound for college will also benefit as well from the practical liberal arts design of the course. The emphasis in the course is further developing and honing the writing and speaking skills learned in English 11. There is still a great deal of time spent on vocabulary; however, more reading will be required than in English 11 as students survey British literature from Beowulf to Orwell. The course includes the study of Hamlet and at least three novels (TBD). Some American literature and Dante's Inferno will be included in the curriculum. At least one college level paper requiring research and written to MLA specifications is required.

COURSE TITLE:	<u>Advanced Placement English 11/</u> <u>AP Language and Composition</u>	REQUIRED
PREREQUISITE:	Successful completion of English 9 & 10	GRADE: 11 CREDIT: 1.00

ALL YEAR  
DAILY

COURSE DESCRIPTION: This course is only for the serious, college-bound student. AP Language follows a curriculum approved by The College Board and is designed to prepare students for the rigors of writing beyond their freshman year in college. Students will engage in expository writing, creative writing, argument, persuasion, and synthesis. World literature, British literature (primarily from the 16<sup>th</sup> century onwards), and some American literature will serve as the focus of discussion and as inspiration for writing. Two college level writing texts provide further guidance and examples. All students who enroll will be charged a fee, which will be applied to the mandatory College Board AP exam. The results of this exam and individual college and university policies will determine if students receive college credit.

Required: AP Exam (fee around \$94 - scholarships available)

COURSE TITLE:	<u>Advanced Placement English 12/</u> <u>AP Literature and Composition</u>	REQUIRED
PREREQUISITE:	Successful completion of English 9 & 10	GRADE: 12 CREDIT: 1.00

ALL YEAR  
DAILY

COURSE DESCRIPTION: This course is only for the serious student of literature who is ready for the challenge of college-level course work. AP Language follows a curriculum approved by The College Board and is designed to prepare students for the study of literature in college. Ancient, medieval, renaissance, enlightenment, 19<sup>th</sup> century, modern, and postmodern works will be surveyed. Specific titles vary from year to year. The emphasis in the first semester is world literature in translation; in the second semester British and some American literature becomes the focus. A great deal of poetry is included throughout the year. Students will write extensively, honing skills developed in previous courses. All students who enroll will be charged a fee, which will be applied to the mandatory College Board AP exam. The results of this exam and individual college and university policies will determine if students receive college credit.

Required: AP Exam (fee around \$94 - scholarships available)



COURSE TITLE: Journalism (Formerly Newspaper Lab) ELECTIVE  
PREREQUISITE: None GRADES: 9,10,11,12  
SEMESTER CREDIT: .50  
DAILY

COURSE DESCRIPTION: Students enrolled in Newspaper will produce 6-7 issues of the Spectrum during the school year. Students will learn and practice reporting and writing skills as well as basic photojournalism techniques. Students must also take care of the financial end of running a publication through selling and designing advertisements for the paper. This course offers students the chance to use all of their communication skills: speaking, listening, recording, and writing. This course challenges students to stretch their thinking in all directions. Students are also challenged to be organized and responsible. They must arrange for interviews, be precise in note taking and compose articles, all within a relatively tight deadline period. This is a very hands-on course, giving students insight into the process of writing, communication, publishing and its role in our community. This class may be taken multiple times.

COURSE TITLE: Yearbook Lab ELECTIVE  
PREREQUISITE: None GRADES: 9,10,11,12  
SEMESTER CREDIT: .50  
DAILY

COURSE DESCRIPTION: Students enrolled in this semester long course will be involved with the planning and production of the Regina Crown and Scepter yearbook. Students will learn and practice reporting skills, writing skills, layout and design basics, photography basics, and advertising sales and production techniques. Grading will be based on both quality of work and deadline completion. This class may be taken multiple times.

COURSE TITLE: Topics in Literature (I & II) (INACTIVE) ELECTIVE  
PREREQUISITE: None GRADES: 9-12  
SEMESTER CREDITS: .50  
DAILY

COURSE DESCRIPTION: This is an elective English course offered with an emphasis on a different literature topic each semester of the school year (Contemporary, African American, British, Ethnic, Native American, Colonial, Science Fiction, etc.). This course would be an excellent option for students that would be considering an AP Literature course in their future. Those NOT considering AP are also HIGHLY encouraged to explore this option because you will have the opportunity to read subjects not taught in mainstream English classes. This survey course is student driven, largely based on discussion, with debate and project driven activities as opposed to quizzes, test and exams. This course is designed for those students who enjoy writing creatively, analytically, and applying real-world connections.

COURSE TITLE: Acting 1  
PREREQUISITE: None  
SEMESTER  
DAILY

ELECTIVE  
GRADES: 9-12  
CREDITS: .50

COURSE DESCRIPTION: Students will develop performance skills while analyzing the origins of theatre from the time of the ancient Greeks through to the modern literary period. They will analyze dramatic texts, work on vocal quality, create characters through movement, and perform dramatic scenes and monologues from several source plays. Such dramatic works will include Sophocles' *Oedipus Rex*, Shakespeare's *A Midsummer Night's Dream*, and another. The main emphasis of the class is to develop rehearsal techniques and analytical skills that will allow students to effectively understand theatrical conventions and the character building process.

COURSE TITLE: Acting 2 (INACTIVE)  
PREREQUISITE: Acting 1  
SEMESTER  
DAILY

ELECTIVE  
GRADES: 9-12  
CREDITS: .50

COURSE DESCRIPTION: Building off of Acting 1, students will further their knowledge of drama by designing and writing their own plays, with emphasis being on strengthening stage presence and ensemble work as well as creating original content. Students will collaborate on a final project with other students in the class to develop an overall work they will perform in front of a live audience of invited spectators.

COURSE TITLE: Creative Writing  
PREREQUISITE: None  
SEMESTER  
DAILY

ELECTIVE  
GRADES: 9-12  
CREDITS: .50

COURSE DESCRIPTION: Throughout this semester, students will be seeking to answer the question, "What does it mean to be creative and a writer?" To help discover an answer, students will be paired with a kindergarten buddy. These buddies will be their inspiration throughout the semester. With the guiding principle that in order to be a good writer, one must read and write a lot, this class will do just that. Students will work on personal narratives, visual journals, children's stories, poetry, and much more!

See the Digital Curriculum list for additional course offerings in this subject.

# Family & Consumer Sciences Department

COURSE TITLE: Family and Consumer Sciences I ELECTIVE  
PREREQUISITE: None GRADES: 7/8  
SEMESTER CREDIT: .25  
ALTERNATE DAYS

COURSE DESCRIPTION: Family and Consumer Sciences I is a course that is introductory in nature, and exploratory in activities. Emphasis is placed on food and nutrition, laundry, simple sewing tasks, as well as a basic understanding of money management, especially the importance of balancing a checkbook. Students will sew a pillow project. In food lab, through group activities, students will learn to work cooperatively. Basics in food preparation, nutrition, and sanitation are stressed. This is a lab-oriented class.

COURSE TITLE: Family and Consumer Sciences II ELECTIVE  
PREREQUISITE: Family and Consumer Science I GRADES: 7/8  
SEMESTER CREDIT: .25  
ALTERNATE DAYS

COURSE DESCRIPTION: In this course, junior high students will expand their knowledge in the areas of food and nutrition, safety and sanitation, and consumer education. Students will sew a project of their choice and will be introduced to textiles and clothing care.

COURSE TITLE: Foods I ELECTIVE  
PREREQUISITE: None; only offered 1st semester GRADES: 9,10,11,12  
SEMESTER CREDIT: .50  
DAILY

COURSE DESCRIPTION: This course is a study in basic food and nutrition. Students will learn about the importance of selecting, preparing, and consuming foods that are nutritious. By working in a lab setting, students improve communication, work skills, and time management. Students will explore career opportunities in food and nutrition. Emphasis is placed on safety, sanitation, nutrition, and an understanding of MyPyramid.  
LAB FEE: \$50.00

COURSE TITLE: Foods II  
PREREQUISITE: Foods I ; only offered 2nd semester  
SEMESTER  
DAILY

ELECTIVE  
GRADES: 9,10,11,12  
CREDIT: .50

COURSE DESCRIPTION: In this course, students will travel the world learning about exotic foods from different countries and how to prepare them. The goal is for students to become more independent in the kitchen, demonstrating and building upon the proper cooking techniques learned in Foods and Nutrition I, as well as discovering new recipes. Students will prepare up to three labs per week, along with other classroom projects and activities, and even learn “real-life cooking” through demonstrations from guest chefs. Students will learn budgeting and time management, while realizing the importance of working efficiently and effectively with their lab group.  
LAB FEE: \$50.00

COURSE TITLE: Parent Education (Inactive)  
PREREQUISITE: None  
SEMESTER  
DAILY

REQUIRED  
GRADES: 11  
CREDIT: .33

COURSE DESCRIPTION: This course is designed to extend the eleventh grade students' knowledge, understanding and skills in the area of childcare and development. Mental, emotional, social, and physical development of the child from conception to age three is studied. Specific areas studied include: biology of reproduction, prenatal care, pregnancy, birth, responsibilities and rewards of parenthood, care of the newborn, exploration of child oriented occupations, and topics of special interest to the students.

# Mathematics Department

COURSE TITLE: Math 7 REQUIRED \*  
PREREQUISITE: Teacher recommendation, IA Assmnt., GRADES: 7  
Iowa Algebra Readiness Assessment  
ALL YEAR CREDIT: 1.00  
DAILY

COURSE DESCRIPTION: This course continues preparation for Algebra. The students will study numbers, expressions, equalities and inequalities. Additional topics include graphing, formulas, and probability and statistics. This is a course designed around a 7<sup>th</sup> grade math curriculum and will focus on 7<sup>th</sup> grade math skills in preparation for Pre-Algebra and Algebra 1. A simple calculator like TI-30X IIS is required for this course.

COURSE TITLE: I Ready Math 7/8 SUPPLEMENT  
PREREQUISITE: Teacher Recommendation/IA Assmnt. Scores GRADES: 7/8  
ALL YEAR CREDIT: .25  
DAILY OR ALTERNATE DAYS

COURSE DESCRIPTION: In this course, students will learn math skills and strategies in four domains: Numbers and Operations, Algebra and Algebraic Thinking, Measurement, and Geometry. The Math program is based on the I-Ready Math and Diagnostic online program. Students take a diagnostic placement test and the computer designs an individualized set of lessons for each student. These lessons are based on the Iowa Core Standards. Students will continue to work with the teacher, individually, and in small groups, on specific lessons. This course is a supplement to the regular curriculum, with student placement for as long as needed.

COURSE TITLE: Pre-Algebra REQUIRED \*  
PREREQUISITE: Teacher recommendation, IA Assmnt., GRADES: 7, 8  
Iowa Algebra Readiness Assessment  
ALL YEAR CREDIT: 1.00  
DAILY

COURSE DESCRIPTION: This course continues preparation for Algebra 1. The students will study numbers, expressions, equalities and inequalities. Additional topics include graphing formulas, and probability and statistics. A simple calculator like TI-30X IIS is required for this course.

COURSE TITLE:	<u>Algebra 1A</u>	REQUIRED BASED ON PLACEMENT
PREREQUISITE:	Pre-Algebra	GRADES: 9
ALL YEAR		CREDIT: 1.00
DAILY		

COURSE DESCRIPTION: This offering stresses the further development of Pre-Algebra skills and introduction to Algebra. Emphasis is placed on problem solving and computation. Probability, statistics, and geometry are also studied. Together, Algebra 1A and Algebra 1B must be taken to cover the same materials as Algebra I.

A scientific calculator like TI-30X IIS is required.

COURSE TITLE:	<u>Algebra 1B</u>	REQUIRED BASED ON PLACEMENT
PREREQUISITE:	Algebra 1A	GRADES: 9, 10
ALL YEAR		CREDIT: 1.00
DAILY		

COURSE DESCRIPTION: This offering continues to stress the development of Algebra skills. Emphasis is placed on problem solving and computation. Together, Algebra 1A and Algebra 1B cover the same material as Algebra I. A scientific calculator like TI30X IIS is required.

COURSE TITLE:	<u>Algebra I</u>	REQUIRED
PREREQUISITE:	Pre-Algebra and Standardized Tests	GRADES: 7, 8, 9, 10
ALL YEAR		CREDIT: 1.00
DAILY		

COURSE DESCRIPTION: This course provides the student an opportunity to develop reasoning and deductive skills by applying them to the understanding of the basic structure of algebra. Topics include: number systems from natural to real (including irrational), exponents, graphing, problem solving, systems of equations, triangle trigonometry, and factoring polynomials.

Students who take Algebra I in grades 6, 7, or 8 should meet the following criteria:

- 1) have gained the knowledge presented in Pre-Algebra,
- 2) good work and study habits
- 3) 93 percentile or higher in Math (all three tests) of ITBS
- 4) performance on Algebra Aptitude Test as approved by Math department
- 5) recommendation of teacher.

A scientific calculator like TI30X IIS is required.

COURSE TITLE: Geometry REQUIRED  
PREREQUISITE: Algebra I or Algebra 1B GRADES: 8, 9, 10, 11  
ALL YEAR CREDIT: 1.00  
DAILY

COURSE DESCRIPTION: This course is designed to help the math student who is planning to attend college: 1) develop powers of deductive reasoning as well as spatial visualization, 2) appreciate the need for precision of language, 3) use and strengthen algebraic skills, and 4) experience satisfaction which comes from clear and creative thinking needed to understand and use the deductive method in society. Some topics: circles, proofs, congruent triangles, quadrilaterals, similar polygons, areas of polygons and circles, areas and volumes of solids.

A protractor, compass, and scientific calculator like TI30X IIS are required.

COURSE TITLE: Discrete Mathematics I ELECTIVE  
PREREQUISITE: Geometry GRADES: 11, 12  
SEMESTER (Semester 1 only) CREDIT: .50  
DAILY

COURSE DESCRIPTION: Discrete Mathematics covers a wide range of mathematical topics. This course introduces students and builds upon their prior work in the concepts of problem solving, set theory, logic, graph theory, number theory, and algebraic models. Applications and modeling are central to the course of this study. Students will use various forms of technology to enhance their understanding of the topics presented in this course.

COURSE TITLE: Discrete Mathematics II ELECTIVE  
PREREQUISITE: Geometry GRADES: 11, 12  
SEMESTER (Semester 2 only) CREDIT: .50  
DAILY

COURSE DESCRIPTION: Discrete Mathematics covers a wide range of mathematical topics. This course introduces students and builds upon their prior work in the concepts of consumer mathematics, geometry, voting and apportionment, counting, probability, and statistics. Applications and modeling are central to the course of this study. Students will use various forms of technology to enhance their understanding of the topics presented in this course.

COURSE TITLE: Algebra II REQUIRED  
PREREQUISITE: Algebra I and Geometry or consent of Math Department  
ALL YEAR GRADES: 8, 9, 10, 11, 12  
DAILY CREDIT: 1.00

COURSE DESCRIPTION: This offering is an advanced algebra course recommended for college-bound students. The emphasis is on teaching equation solving and its application. Topics covered include: review of algebra skills; quadratic functions; rational, irrational, and complex expressions; analytic geometry; matrices; and linear programming. A graphing calculator is required. Texas Instruments 83 or 84 is preferred.

COURSE TITLE: Pre-Calculus ELECTIVE  
PREREQUISITE: B- Average or better in Algebra II GRADES: 9, 10, 11, 12  
ALL YEAR CREDIT: 1.00  
DAILY

COURSE DESCRIPTION: This offering is recommended for college-bound students. The focus of the course is to prepare students for Calculus. Topics include: Algebra II review and extension, trigonometric equation and applications, vectors, and probability. Students earning less than a B- in Algebra 2 will lack basic skills required for success in this class. A graphing calculator is required. Texas Instruments 83 or 84 is preferred.

COURSE TITLE: Calculus ELECTIVE  
PREREQUISITE: B- average or better In Pre-Calculus GRADES: 11, 12  
ALL YEAR CREDIT: 1.00  
DAILY

COURSE DESCRIPTION: Calculus is a college-bound course available to students who have completed Pre-Calculus. Topics include polynomial, trigonometric and exponential functions; derivatives of polynomial, trigonometric exponential and composite functions; applications of the derivative - slope, maximum and minimum; inflection points; integration - change of variables, areas under curves; and Fundamental Theorem of Calculus.

The difference between High School Calculus and AP Calculus AB is if you are enrolled in this class, you are not required to take the AP Calculus AB exam at the end of the year for additional credit. It is not recommended to take this class if a student plans on taking the AP Calculus AB exam for the reason that topics will not be covered as thoroughly in this class and the student will have insufficient knowledge.

A graphing calculator is required. Texas Instruments 83 or 84 is preferred.



COURSE TITLE: AP Calculus AB  
PREREQUISITE: B- average or better  
in Pre-Calculus

ELECTIVE  
GRADES: 10, 11, 12

ALL YEAR  
DAILY

CREDIT: 1.00

COURSE DESCRIPTION: Calculus is a college-bound course available to students who have completed Pre-Calculus. Topics include polynomial, trigonometric and exponential functions; derivatives of polynomial, trigonometric exponential and composite functions; applications of the derivative - slope, maximum and minimum; inflection points; integration - change of variables, areas under curves; and Fundamental Theorem of Calculus.

A graphing calculator is required. Texas Instruments 83 or 84 is preferred.

Required: AP Exam (fee around \$94 - scholarships available)

*Students enrolling in AP Calculus AB are required to take the AP Calculus AB test in May and may receive college credit through their performance on the exam.*

COURSE TITLE: AP Calculus BC  
PREREQUISITE: B- average or better  
in AP Calculus AB

ELECTIVE  
GRADES: 11, 12

ALL YEAR  
DAILY

CREDIT: 1.00

COURSE DESCRIPTION: Calculus BC is a college-bound course available to students who have completed Calculus AB. Topics include sequences and series, parametric and polar forms of the derivative, advanced integration techniques, vector functions and separable differential equations.

A graphing calculator is required. Texas Instruments 83 or 84 is preferred.

Required: AP Exam (fee around \$94 - scholarships available)

*Students enrolling in AP Calculus BC are required to take the AP Calculus BC test in May and may receive college credit through their performance on the exam.*

COURSE TITLE:	<u>AP Statistics Online</u>	ELECTIVE	
PREREQUISITE:	B- average or better in Algebra II Recommended for qualified AP students	GRADES:	11, 12
ALL YEAR DAILY		CREDIT:	1.0

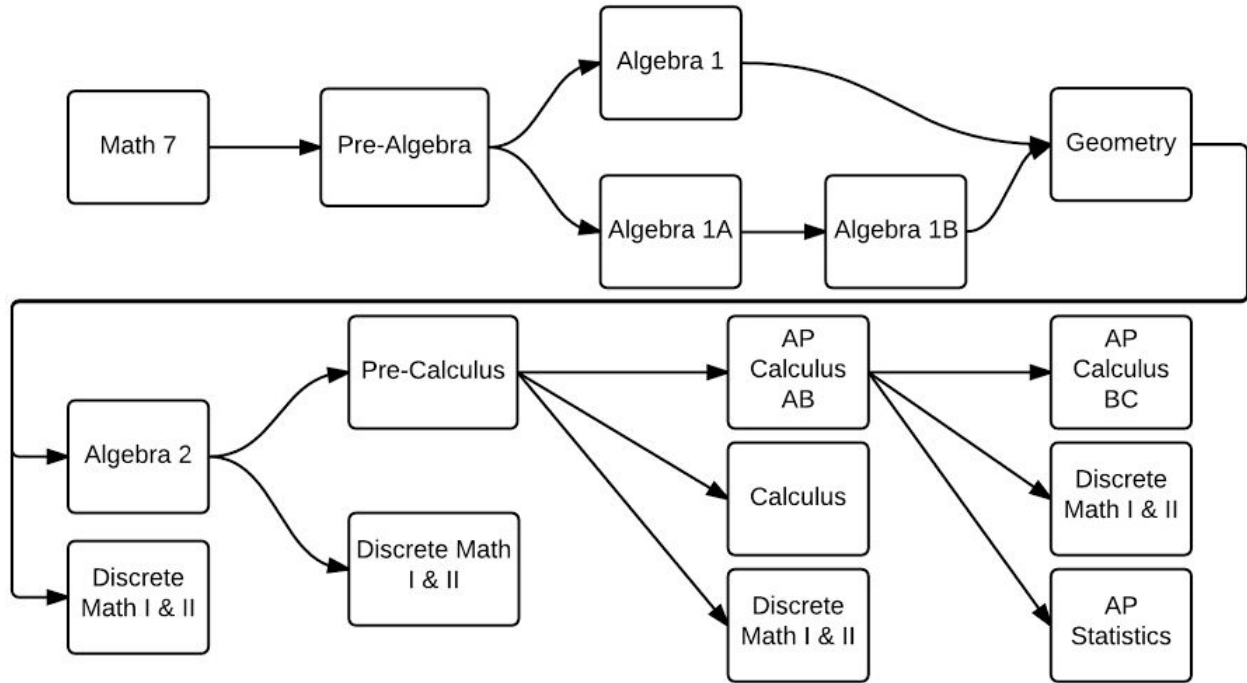
**COURSE DESCRIPTION:** AP Statistics gives students hands-on experience collecting, analyzing, graphing, and interpreting real-world data. They will learn to effectively design and analyze research studies by reviewing and evaluating real research examples taken from daily life. The next time they hear the results from another poll or study, they will know whether the results are valid. As the art of drawing conclusions from imperfect data and the science of real world uncertainties, statistics plays an important role in many fields. The equivalent of an introductory college-level course, AP Statistics prepares students for the AP Exam and for further study in science, sociology, medicine, engineering, political science, geography, and business. The content aligns to the scope and sequence specified by the College Board and to widely used textbooks.

Required: Online Classes Fee Applies (Approximately \$100 per class), unless IOAPA grant available.  
AP Exam (fee around \$94 - scholarships available)

*Students enrolling in AP Statistics are required to take the AP Statistics test in May and may receive college credit through their performance on the exam.*

## Possible Math Course Sequences

Basic Requirement: Math in grades 7, 8, 9, 10, 11, 12



\* Placement in Junior High Mathematics is based on classroom performance, Algebra Aptitude Test scores, IA Assessment test scores, and teacher recommendation. You will receive notification prior to the end of the school year of the math placement for your student.

# Music Department

*All students in Grades 7 and 8 are REQUIRED to take one of the following courses each semester: Chorus, Band, Orchestra, or General Music.*

COURSE TITLE:        7<sup>th</sup> Grade Chorus/8<sup>th</sup> Grade Chorus                      CREDIT: .25 per semester  
PREREQUISITE:        None    GRADES: 7, 8  
ALL YEAR or SEMESTER  
ALTERNATE DAYS

COURSE DESCRIPTION: In Junior High, Chorus focuses on the continued development of vocal techniques and builds individual skills that contribute to ensemble singing. Critical listening, aesthetic sensitivity, and creativity are developed in singers as a means of personal assessment and in comparatively judging all music. A variety of repertoire from our culture and others, as well as music from representative eras of music history, is employed as the means of teaching these skills. Music history and theory concepts are reinforced through the literature studied by the ensemble. Mastery of these skills is shown through performance at cumulative concerts at the end of each semester, quarterly examinations, as well as through participation at school religious services and community events.

REQUIREMENTS: Attendance is required at all rehearsals, lessons and performances.  
Fees will be incurred for lost or damaged music/materials as needed.

COURSE TITLE:        Junior High Band    CREDIT: .50 per semester  
PREREQUISITE:        5<sup>th</sup> and 6<sup>th</sup> Grade Band or Private Lessons    GRADES: 7, 8  
ALL YEAR  
DAILY

COURSE DESCRIPTION: The objective of Junior High Band is music education through performance. Through performance, students develop aesthetic awareness and sensitivity, critical listening, and higher-order thinking skills that lead to creativity and intuitive judgment. A wide variety of literature is studied, enabling the student to develop an awareness of major composers for wind band, music history and theory, and other cultures. Their music education will be enough that they feel comfortable to pursue music further, as a career or hobby. Students will learn that the success of the ensemble is achieved through collaboration and responsibility, and must therefore be both physically and mentally prepared.

JR. HIGH BAND REQUIREMENTS:

- Attendance at rehearsals.
- Attendance at small group and/or individual lessons.
- All music performances and festivals.

COURSE TITLE: Junior High General Music CREDIT: .25 per semester  
PREREQUISITE: None GRADE: 7, 8  
ALL YEAR  
ALTERNATE DAYS

This class is designed for 7th and 8th grade students who wish to supplement their performing arts with an academic music class, and for students who wish to use an academic class as their music credit instead of a performing arts class. The course explores in alternate years either the history of American Pop Music/Culture from 1900–Present or world music and culture.

COURSE TITLE: JH Orchestra CREDIT: .5 per semester  
PREREQUISITE: 4-6th Grade Orchestra or Private Lessons GRADES: 7, 8  
ALL YEAR  
DAILY

COURSE DESCRIPTION: Junior High Orchestra fosters discipline, teamwork, and aesthetic appreciation as students develop skills of musicianship and string instrument technique. Through performances and the preparation required therein, students gain exposure to the major composers for orchestra as well as the wide variety of musical genres for strings.

COURSE TITLE: Concert Choir ELECTIVE  
PREREQUISITE: None GRADES: 9,10,11,12  
ALL YEAR or SEMESTER CREDIT: 1.00  
DAILY

COURSE DESCRIPTION: Concert Choir focuses on the refinement of vocal technique and builds individual skills that contribute to ensemble singing. Critical listening, aesthetic sensitivity, and creativity are developed in singers as a means of personal assessment and in comparatively judging music. A variety of repertoire from our culture and others, as well as music from representative eras of music history, is employed as the means of teaching these skills. Music history and theory concepts are reinforced through the literature studied by the ensemble. Mastery of these skills is shown through performance at cumulative concerts at the end of each semester, quarterly examinations, as well as through participation at school religious services and community events. Greater focus is given to the student as a soloist and individual vocal techniques are promoted in weekly one-on-one or small group lessons. All students' grades 9 through 12 are expected to participate in state solo and ensemble contests and have the opportunity to participate in many honor choir festivals that arise throughout the year.

**REQUIREMENTS:**

Attendance is required at all rehearsals, scheduled lessons and performances. Uniform care - the school will provide a clean robe and accessories. The student is responsible for making sure the uniform is clean and wrinkle free before each performance. Fees will be incurred for lost or damaged music/materials.

COURSE TITLE: High School Band  
PREREQUISITE: Jr. High Band or private lessons  
ALL YEAR  
DAILY

ELECTIVE  
GRADES: 9, 10, 11, 12  
CREDIT: 1.00

COURSE DESCRIPTION: The objective of Senior High Band is music education through performance. Through performance, students develop aesthetic awareness and sensitivity, critical listening and higher order thinking skills that lead to creativity and intuitive judgment. A wide variety of literature is studied, enabling the student to develop an awareness of major composers for wind band, music history and theory, and other cultures. Their music education will be enough that they feel comfortable to pursue music further, as a career or hobby. Students will learn that the success of the ensemble is achieved through collaboration and responsibility, and must therefore be both physically and mentally prepared.

REQUIREMENTS:

- Attendance at rehearsals.
- Attendance at small group or individual lessons and scheduled Pep Band performances.
- Participation in annual trips to festivals, competitions, and Solo-Ensemble contests.

COURSE TITLE: High School Orchestra  
PREREQUISITE: JH Orchestra or Private Lessons  
ALL YEAR  
DAILY

ELECTIVE  
GRADES: 9, 10, 11, 12  
CREDIT: .5 per semester

COURSE DESCRIPTION: High School Orchestra fosters discipline, teamwork, and aesthetic appreciation as students develop skills of musicianship and string instrument technique. Through performances and the preparation required therein, students gain exposure to the major composers for orchestra as well as the wide variety of musical genres for strings.

See the Digital Curriculum list for additional course offerings in this subject.

# Physical Education & Health Department

COURSE TITLE:	<u>Junior High Physical Education</u>	REQUIRED
PREREQUISITE:	None	GRADES: 7, 8
ALL YEAR		CREDIT: .50
ALTERNATE DAYS		

COURSE DESCRIPTION: The Regina Physical Education program is designed to provide students with the knowledge and skills needed to engage in a physically active and healthy lifestyle throughout their life. Area of study may include: strength training, volleyball, badminton, soccer, softball, pickleball, basketball, ultimate frisbee, dance and rhythm activities and other activities to meet required standards.

Expectations:

1. Students are expected to participate to the best of their ability and maintain good attendance to achieve maximum benefits from the program.
2. Students are expected to demonstrate positive attitudes as well as know and abide by all class and activity rules.
3. Students are expected to have PROPER DRESS consisting of their PE Uniform with last name permanently marked on the back in large, visible lettering. Students **MUST** have proper footwear (tennis shoes - not UGGS, Sperrys, Boots, etc..) to participate. Students should also keep an appropriate sweatshirt and sweatpants in their locker for outside activities when the weather is cooler.

COURSE TITLE:	<u>Physical Education 9-12</u>	REQUIRED
PREREQUISITE:	None	GRADES: 9,10,11,12
ALL YEAR		CREDIT: .5
ALTERNATE DAYS		

COURSE DESCRIPTION: The Regina Physical Education program includes a variety of activities throughout the year. There is a balance of team sports, individual and dual sports, along with conditioning activities. Area of study: weight training, volleyball, badminton, basketball, softball, bowling, pickleball, archery, lacrosse, soccer, wiffleball, dodgeball, snow skiing and various team activities.

Expectations:

1. Students are expected to maintain a good attendance record and to achieve the maximum benefits from the program.
2. Students will develop desirable recreational attitudes and interests that will be valuable in current and future recreational pursuits.

COURSE TITLE: Fitness & Wellness ELECTIVE  
PREREQUISITE: None GRADES: 9, 10, 11, 12  
ALL YEAR CREDIT: 0.50

ALTERNATE DAYS

COURSE DESCRIPTION: Different from the traditional PE class, this class is designed to allow students to explore and experience a variety of cardio, strength, toning and flexibility activities. Individual and group activities will help students plan for lifetime fitness. The importance of understanding fitness components and nutritional choices will also be emphasized to promote making physical activity and exercise a priority to maintain a healthy, active lifestyle while reducing the risk for injury, illness and disabilities that may develop with age.

COURSE TITLE: Health REQUIRED  
PREREQUISITE: None GRADES: 9  
ALL YEAR CREDIT: 0.50

ALTERNATE DAYS

COURSE DESCRIPTION: This year-long course (held every other day) will introduce many health related issues relating to physical, social, mental/emotional and spiritual health. Units include: self-esteem, personal and interpersonal relationships, stress management, mental disorders and suicide, nutrition, the reproductive system and sexually transmitted infections, substance use/abuse, consumer and environmental issues.

COURSE TITLE: Health and Human Development ELECTIVE  
PREREQUISITE: None GRADES: 9, 10, 11, 12  
ALL YEAR CREDIT: 0.50

ALTERNATE DAYS

This course will cover the life cycle from birth to death. Discussions will include child development skills, young adult transitions, prenatal care, parenting concerns, lifelong health management, and end of life care. Other topics include substance abuse, everyday budgeting, planning for the future and costs of raising a family.

See the Digital Curriculum list for additional course offerings in this subject.



# Project Lead the Way

## [Pre-Engineering Courses]

COURSE TITLE: PLTW Introduction to Engineering Design

PREREQUISITE: Algebra 1

ALL YEAR

DAILY

COURSE DESCRIPTION: This is the first course offering in the high school pre-engineering curriculum, Project Lead the Way. It is a perfect class for students considering a career in engineering or even for those who just want to find out more about it. The focus of the class will revolve around learning and using the design process. Many skills and concepts such as sketching, measurement, geometry, drafting, statistics and 3-D Modeling with Autodesk Inventor, are tools used by students while working through a variety of individual and cooperative design projects. The goal is to help them develop the skills most engineering students lack when entering college and to learn to work in groups on multiple design projects that can model the real world working place.

Required \$100 Fee.

Eligible to earn 6 Kirkwood College Credits

ELECTIVE

GRADES: 9, 10, 11, 12

CREDIT: 1.00

COURSE TITLE: PLTW Biomedical Science

PREREQUISITE: Biology (or currently taking)

ALL YEAR

DAILY

In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

*Note: Regents schools (ISU, UI, UNI) are not recognizing this course toward the Regents Admission Index as a science credit. Regina does count this course as a science credit toward high school graduation. Some colleges may allow the college credit based on the end of the year exam score. Please check with your post-secondary institution for admissions requirements.*

Required \$100 Fee.

ELECTIVE

GRADES: 9, 10, 11, 12

CREDIT: 1.00

COURSE TITLE: PLTW Human Body Systems

PREREQUISITE: PLTW Principles of Biomedical Science

ALL YEAR

DAILY

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis in the body. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

*Note: Regents schools (ISU, UI, UNI) are not recognizing this course toward the Regents Admission Index as a science credit. Regina does count this course as a science credit toward high school graduation. Some colleges may allow the college credit based on the end of the year exam score. Please check with your post-secondary institution for admissions requirements. Required \$100 Fee.*

ELECTIVE

GRADES: 10, 11, 12

CREDIT: 1.00

# Science Department

COURSE TITLE: Life Science 7 REQUIRED  
PREREQUISITE: None GRADES: 7  
ALL YEAR CREDIT: 1.00  
DAILY

COURSE DESCRIPTION: 7th grade Life Science class is an introduction to the study of living organisms. Students will learn to be problem solvers, design experiments, use lab equipment, and keep a lab notebook. The curriculum will cover human biology systems - to include human reproduction, cellular structure and function, an introduction to organic chemistry, basic classification systems, genetics and heredity, and basic plant structure.

COURSE TITLE: Physical Science 8 REQUIRED  
PREREQUISITE: Life Science or equivalent GRADES: 8  
ALL YEAR CREDIT: 1.00  
DAILY

COURSE DESCRIPTION: Physical Science for 8<sup>th</sup> grade will spend the first semester learning about basic chemistry concepts. All students will be expected to maintain a lab notebook for future reference. The second semester will focus on a basic introduction to physics and include many hands-on labs. This course will provide the foundation for understanding physics and chemistry at the high school level.

COURSE TITLE: Core Science REQUIRED BASED ON PLACEMENT  
PREREQUISITE: None GRADE: 9  
ALL YEAR CREDIT: 1.00  
DAILY

COURSE DESCRIPTION: Core Science is assembled from three inquiry-based STEM programs: Earth & Space Science, Chemistry, and Physics, and it meets Iowa Core requirements for high school science. This course is an essential prerequisite for all future science courses. The Chemistry component will focus on the nature of matter, atomic structure, the periodic table, and chemical reactions. During the Physics component, students will study motion, forces, energy, and waves. Finally, Earth and Space Science will allow students to explore the physical constitution of Earth and its atmosphere, Earth's natural resources, the solar system, and the universe. Experiments will be used throughout the year to introduce and illustrate important principles in every major topic area. A scientific calculator of any type is required.

COURSE TITLE: Biology  
PREREQUISITE: None  
ALL YEAR  
DAILY

REQUIRED  
GRADES: 9, 10  
CREDIT: 1.00

COURSE DESCRIPTION: In Biology, students learn about many different kinds of living organisms, how they interact with each other and their environments, and what makes them work. Topics include the structure and function of cells, chemical processes in living organisms, animal structure and function, plant structure and function, genetics and evolution. There are multiple hands-on labs and activities designed to get the students to use the material learned in class such as debates, designing experiments, growing/testing bacteria, and dissections.

COURSE TITLE: PLTW Biomedical Science  
PREREQUISITE: Biology (or currently taking)  
DAILY

ELECTIVE  
GRADES: 9, 10, 11, 12  
CREDIT: 1.00

In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

*Note: Regents schools (ISU, UI, UNI) are not recognizing this course toward the Regents Admission Index as a science credit. Regina does count this course as a science credit toward high school graduation. Please check with your post-secondary institution for admissions requirements.*

Required \$100 Fee.

COURSE TITLE: Chemistry  
PREREQUISITE: Biology  
ALL YEAR  
DAILY

ELECTIVE  
GRADES: 10, 11, 12  
CREDIT: 1.00

COURSE DESCRIPTION: Chemistry is the study of the nature of matter and changes in its composition. Experiments introduce and illustrate important principles and acquaint students with chemistry usefulness in daily living. Among topics studied are atomic theory, the periodic law, chemical bonding, types of chemical reactions, solutions, phases of matter, and acids, bases and salts. Students will use their knowledge of algebra for problem solving.

*In order to enroll in second semester Chemistry, students must have a grade of a C or better in first semester Chemistry and teacher approval. Any student with a grade lower than a C must obtain the teacher's approval for continuation in the course. A scientific calculator is required. The teacher will recommend the type.*

COURSE TITLE: PLTW Human Body Systems  
PREREQUISITE: PLTW Principles of Biomedical Science  
ALL YEAR  
DAILY

ELECTIVE  
GRADES: 10, 11, 12  
CREDIT: 1.00

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis in the body. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

*Note: Regents schools (ISU, UI, UNI) are not recognizing this course toward the Regents Admission Index as a science credit. Regina does count this course as a science credit toward high school graduation. Please check with your post-secondary institution for admissions requirements.*

Required \$100 Fee.

COURSE TITLE: Anatomy and Physiology  
PREREQUISITE: C+ or better in Biology,  
ALL YEAR or teacher recommendation  
DAILY

ELECTIVE  
GRADES: 10, 11, 12  
CREDIT: 1.00

COURSE DESCRIPTION: The course is designed to familiarize students thoroughly with the physiology (functioning) of the human body, important topics in elementary biochemistry, and some of the unresolved problems in biomedical and biotechnological advances. Laboratory work includes detailed dissection of the fetal pig, and other experiments in physiology. A previous or concurrent course in chemistry is helpful, but not required if instructor consents.

Recommended: set of 10-12 colored pencils.

COURSE TITLE: Physics  
PREREQUISITE: B- or better in Algebra II and  
ALL YEAR instructor approval  
DAILY

ELECTIVE  
GRADES: 11, 12  
CREDIT: 1.00

COURSE DESCRIPTION: In Physics, students will study forces, motion, electricity, thermodynamics, optics, and modern physics. The class is designed for students who are interested in pursuing a degree in science or a science-related field. Algebra skills will be used extensively throughout the course. A scientific calculator is required. The teacher will recommend the type.

COURSE TITLE: AP Biology ELECTIVE  
PREREQUISITE: Biology (B or better) GRADES: 11, 12  
Chemistry  
Anatomy and Physiology (strongly suggested)  
Teacher recommendation

ALL YEAR CREDIT: 1.00  
DAILY

COURSE DESCRIPTION: The Advanced Placement Biology course is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year. Students take this AP Biology course after their successful (B or better) completion of a first year course in high school biology and preferably one in chemistry as well. This course aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Topics include: Molecules and Cells (25%), Heredity and Evolution (25%), and Organisms and Populations (50%). Twelve recommended biology laboratories include: diffusion and osmosis, enzymes and catalysts, mitosis and meiosis, plant pigments and photosynthesis, cell respiration, molecular biology, genetics of organism, population genetics and evolution, transpiration, physiology of the circulatory system, animal behavior, and dissolved oxygen and aquatic primary productivity. Preparation for the AP Exam will be included and students are expected to take the AP Exam in May.  
Required: AP Exam (fee around \$94 - scholarships available)

COURSE TITLE: AP Chemistry Online ELECTIVE  
PREREQUISITE: Chemistry and Algebra II GRADES: 10, 11, 12  
Recommended for qualified AP students

ALL YEAR CREDIT: 1.00  
DAILY

COURSE DESCRIPTION: AP Chemistry builds students' understanding of the nature and reactivity of matter. After studying the structure of atoms, molecules, and ions, students move on to solve quantitative chemical problems and explore how molecular structure relates to chemical and physical properties. Students will examine the molecular composition of common substances and learn to predictably transform them through chemical reactions. The equivalent of an introductory college-level chemistry course, AP Chemistry prepares students for the AP Exam and for further study in science, health sciences, or engineering. The content aligns to the scope and sequence specified by the College Board and to widely used textbooks.  
Required: Online Classes Fee Applies (Approximately \$100 per class) unless IOAPA grant available.  
AP Exam (fee around \$94 - scholarships available)  
*Students enrolling in AP Chemistry are required to take the AP Chemistry test in May and may receive college credit through their performance on the exam.*

*Students enrolling in AP Biology, AP Chemistry or AP Physics are required to take the AP exam and may receive college credit through their performance on the exam.*

*If students do not take the AP exam they will not receive the weighted grade for the course.*

## Possible Science Course Sequences

Basic Requirement: Biology + 2 years

9	10	11	12
Core Science	Biology	Chemistry	Physics
Core Science	Biology	Chemistry and Anatomy & Physiology	AP Biology
Biology	Chemistry	Anatomy & Physiology	Physics
Biology	Chemistry and PLTW Biomedical Science	Anatomy and PLTW Human Body Systems	AP Biology
Biology	Chemistry	Physics	AP Chemistry

Many 4-year universities, including The University of Iowa, Iowa State University, and University of Northern Iowa, require 3 years of lab science; including Biology and either Chemistry or Physics for college entry. This is not an all-inclusive list of science course sequence possibilities. Please see the school counselor with questions.

# Social Studies Department

COURSE TITLE:	<u>World Geography</u>	REQUIRED
PREREQUISITE:	None	GRADES: 7
ALL YEAR		CREDIT: 1.00
DAILY		

COURSE DESCRIPTION: This course offers each student the unique opportunity to understand/explore basic geographical concepts and facts of our world and our planet in space. Course content will include an in-depth study of Earth in regards to weather, climate, vegetation and resources. Basic map/globe and study skills will be incorporated into daily lesson outlines where feasible. The relationship of man/woman to their global/regional environment shall also be discussed.

COURSE TITLE:	<u>American History</u>	REQUIRED
PREREQUISITE:	None	GRADES: 8
ALL YEAR		CREDIT: 1.00
DAILY		

COURSE DESCRIPTION: This course serves as an introduction to the study of American History. The student begins in the 8<sup>th</sup> grade with a survey of American History (the birth and early development of our Nation). Major events beginning with the Age of Exploration and ending with the Civil War and Reconstruction will be examined. Subject topics for this course will include: a) discovery and colonization of the United States; b) causes (direct and indirect) of the American Revolution; c) the War for Independence; d) Articles of Confederation; e) The Constitution and the Young Republic; f) slavery; g) Civil War - causes, effects and aftermath. Throughout the year students will be examining the basic meaning of citizenship in relation to our home, school and community. State and local governments' primary functions and responsibilities will conclude this brief course of study in civics, government and citizenship.

COURSE TITLE:	<u>World History</u>	REQUIRED
PREREQUISITE:	None	GRADE: 9
ALL YEAR		CREDIT: 1.00
DAILY		

COURSE DESCRIPTION: History of the world enables the student to unlock and search past events in order to understand our present world and to possibly predict the world order and events of the 21<sup>st</sup> century. The course will offer a comprehensive account of the achievements of people throughout the world from ancient times to the present. The students will be able to point to the links that connect the past and their own life at present (Connections between cultures, societies, nations - also between geography, history and literature). A study of political systems, social structures, economic organizations, and religious-philosophical systems, will also be addressed as an integral part of our changing world.

COURSE TITLE:	<u>United States History</u>	REQUIRED	
PREREQUISITE:	None	GRADES:	11
ALL YEAR		CREDIT:	1.00
DAILY			

COURSE DESCRIPTION: As John F. Kennedy said, "The world is very different now for man holds in his mortal hands the power to abolish all forms of human poverty and all forms of human life." Beginning with an initial review of 18<sup>th</sup> and 19<sup>th</sup> century American history, this course will place major emphasis on 20<sup>th</sup> century America. Specific areas of study will include: a) the Progressive era and the Age of Modern Industrialism, b) the rise of America as a world power and World War I, c) prosperity, Roaring 20's and the Great Depression, d) global conflict - World War II, e) Cold War and the rise of Communism, f) Civil Rights Movement, days of protest and the Vietnam conflict, and g) final days of the Twentieth Century. "Let us together rediscover the strengths of the American people and apply them to the problems of a new age. The 21<sup>st</sup> Century." -William M. Agee

COURSE TITLE:	<u>AP US History</u>	ELECTIVE	
PREREQUISITE:	Instructor's permission	GRADE:	11, 12
ALL YEAR		CREDIT:	1.00
DAILY			

COURSE DESCRIPTION: This is a two-semester course, which is offered during the sophomore or junior year; but may be taken as an elective by seniors (room permitting). The AP US History course may be taken in lieu of the regular US History course required of all students. The goal of this course is to increase the student's understanding of United States history from exploration to the present, with the goal of having each student pass the AP Examination. The course is divided into two semesters. The first semester will cover from exploration through Reconstruction Era. The second semester will start with the Gilded Age and continue to the present. This course will be taught at the college level. The major differences between a high school and college history course are the amount of reading and the focus. Most high school history courses stress "What happened?" intending to provide enough background to ensure good citizenship. College history courses stress "Why and how" things happen as well as the consequences of actions. In addition, college writing skills will be stressed and all students will be expected to write weekly.

Students enrolling in AP US History are required to take the AP US History test and can receive college credit through their performance on the exam.

Required: AP Exam (fee around \$94 - scholarships available)



COURSE TITLE: American Government REQUIRED  
PREREQUISITE: None GRADES: 12  
SEMESTER CREDIT: .50  
DAILY

COURSE DESCRIPTION: In order to be an intelligent citizen, students must understand the basic processes of government, as well as their own rights and responsibilities. With this knowledge, students will be able to identify the roles that government plays in their life at the federal, state, and local levels. By examining the three branches, political parties, elections, pressure groups, and voting procedures, it is hoped that students will become influential and responsible citizens.

COURSE TITLE: AP U.S. Government and Politics Online ELECTIVE  
PREREQUISITE: U.S. History GRADES: 11, 12  
Recommended for qualified AP students  
SEMESTER CREDIT: .50  
DAILY

COURSE DESCRIPTION: AP U.S. Government and Politics studies the operations and structure of the U.S. government and the behavior of the electorate and politicians. Students will gain the analytic perspective necessary to critically evaluate political data, hypotheses, concepts, opinions, and processes. Along the way, they will learn how to gather data about political behavior and develop their own theoretical analysis of American politics. They will also build the skills they need to examine general propositions about government and politics, and to analyze the specific relationships between political, social, and economic institutions. The equivalent of an introductory college-level course, AP U.S. Government and Politics prepares students for the AP Exam and for further study in political science, law, education, business, and history. The content aligns to the scope and sequence specified by the College Board and to widely used textbooks. Students enrolling in AP U.S. Government & Politics are required to take the AP U.S. Government & Politics test in May and may receive college credit through their performance on the exam. Required: Online Classes Fee Applies (Approximately \$100 per class) unless IOAPA grant available. AP Exam (fee around \$94 - scholarships available)

COURSE TITLE: Economics REQUIRED  
PREREQUISITE: None GRADES: 12  
SEMESTER CREDIT: .50  
DAILY

COURSE DESCRIPTION: In this course students will study the American market economy (the economy in which they live and work). At the end of the course, they will understand how economics works in their lives as: employees, employers, savers, investors, consumers and citizens. Students will be taught a step-by-step method of decision making, because this is the most fundamental skill in economics

COURSE TITLE: Psychology ELECTIVE  
PREREQUISITE: None GRADES: 9, 10, 11, 12  
SEMESTER CREDIT: .50  
DAILY

COURSE DESCRIPTION: Why do we do the things we do? Where does imagination come from? How do we decide that boys wear blue and girls wear pink? Psychology is the science that studies the human mind. In psychology, students study human behavior. Topics include: learning, memory, human development, the brain, sensory perception and personality. This is an interactive and participative class.

COURSE TITLE: Abnormal Psychology ELECTIVE  
PREREQUISITE: C or better in Psychology GRADES: 9, 10, 11, 12  
SEMESTER CREDIT: .50  
DAILY

COURSE DESCRIPTION: "Normal is the setting on the dryer." This course is designed to help students gain insight into the mental illnesses as outlined in the DSM. Abnormal Psychology builds on the topics covered in Psychology and broadens the student's knowledge of various topics within the field of psychology. Topics include: anxiety disorders, phobias, depression, schizophrenia, eating disorders, OCD, mood disorders, addiction and personality disorders. Students will visit the original Johnson County Poor Farm (the first county mental asylum) and the Mental Health Institute in Independence. This class is interactive and participative.

COURSE TITLE: AP Psychology ELECTIVE  
PREREQUISITE: C or better in Psychology GRADES: 10-12  
SEMESTER CREDIT: 1.00  
DAILY

COURSE DESCRIPTION: AP Psychology provides an overview of current psychological research methods and theories. Students will explore the therapies used by professional counselors and clinical psychologists and examine the reasons for normal human reactions: how people learn and think, the process of human development and human aggression, altruism, intimacy, and self-reflection. They will study core psychological concepts, such as the brain and sense functions, and learn to gauge human reactions, gather information, and form meaningful syntheses. Along the way, students will also investigate relevant concepts like study skills and information retention. The equivalent of an introductory college-level survey course, AP Psychology prepares students for the AP exam and for further studies in psychology or life sciences.  
Required: AP Exam (fee around \$94 - scholarships available)

COURSE TITLE: AP World History  
PREREQUISITE: World History  
SEMESTER  
DAILY

ELECTIVE  
GRADES: 10-12  
CREDIT: 1.00

COURSE DESCRIPTION: This year-long course in world history will cover time periods beginning with the earliest human groups living in Africa to contemporary historical events. Students in AP World History will develop a greater understanding of these time periods by acquiring historical information and establishing the critical thinking skills necessary to analyze historical evidence. Students in this course will learn to view history thematically, with this course specifically focused on five themes, which will be the unifying principles throughout the course. The five themes include:

- 1 Interaction Between Humans and the Environment
  - 2 Development and Interaction of Cultures
  - 3 State-Building, Expansion, and Conflict
  - 4 Creation, Expansion, and Interaction of Economic Systems
  - 5 Development and Transformation of Social Structures
- Required: AP Exam (fee around \$94 - scholarships available)

COURSE TITLE: AP Macroeconomics Online  
PREREQUISITE: Algebra II (or Math Analysis)  
Recommended for qualified AP students  
SEMESTER  
DAILY

ELECTIVE  
GRADES: 10, 11, 12  
CREDIT: .50

COURSE DESCRIPTION: AP Macroeconomics students learn why and how the world economy can change from month to month, how to identify trends in our economy, and how to use those trends to develop performance measures and predictors of economic growth or decline. They will also examine how individuals, institutions, and influences affect people, and how those factors can impact everyone's life through employment rates, government spending, inflation, taxes, and production. The equivalent of a 100-level college class, this course prepares students for the AP Exam and for further study in business, political science and history. The content aligns to the scope and sequence specified by the College Board and to widely-used textbooks.

Required: Online Classes Fee Applies (Approximately \$100 per class)  
AP Exam (fee around \$94 - scholarships available)

Students enrolling in AP Macroeconomics are required to take the AP Macroeconomics test in May and may receive college credit through their performance on the exam.

COURSE TITLE:	<u>AP Microeconomics Online</u>	ELECTIVE	
PREREQUISITE:	Algebra II Recommended for qualified AP students	GRADES:	10, 11, 12
SEMESTER		CREDIT:	.50
DAILY			

COURSE DESCRIPTION: AP Microeconomics studies the behavior of individuals and businesses as they exchange goods and services in the marketplace. Students will learn why the same product costs different amounts at different stores, in different cities, at different times. They will also learn to spot patterns in economic behavior and how to use those patterns to explain buyer and seller behavior under various conditions. Microeconomics studies the economic way of thinking, understanding the nature and function of markets, the role of scarcity and competition, the influence of factors such as interest rates on business decisions, and the role of government in promoting a healthy economy. The equivalent of a 100-level college course, AP Microeconomics prepares students for the AP Exam and for further study in business, history, and political science. The content aligns to the scope and sequence specified by the College Board and to widely used textbooks.

Required: Online Classes Fee Applies (Approximately \$100 per class)

AP Exam (fee around \$94 - scholarships available)

Students enrolling in AP Microeconomics are required to take the AP Microeconomics test in May and may receive college credit through their performance on the exam.

See the Digital Curriculum list for additional course offerings in this subject.

# Theology Department

The objective of the Theology Department at Regina is to provide instruction and opportunity for students to deepen their understanding of the Catholic Faith and to strengthen their Christian commitment. This is done not only through the classroom curriculum but also through communal liturgies, retreat experiences, community service projects, individualized research and projects. Each student at Regina must be enrolled in theology class both semesters each year.

For graduation the following requirements must be met:

Theology 9 by end of Freshman year.

Theology 10 by end of Sophomore year.

Theology 11 by end of Junior year.

Theology 12 by end of Senior year.

COURSE TITLE: Via de Cristo

ALL YEAR

DAILY

REQUIRED

GRADES: 7 and 8

CREDIT: 1.00

COURSE DESCRIPTION: Via de Cristo is the Junior High religion/advisory program. Each student is assigned to one homeroom teacher. They are part of a group that consists of 7th & 8th graders and they will remain with their Religion/Advisory teacher throughout junior high. Classes meet daily in order to better meet the needs of the students. The students have a two-year, rotating content, that prepares the student for the rigors of the high school religion program and helps them transition from elementary school to high School. In the two year period, for religion content, students will cover: Catholic symbols and rituals, understanding the liturgy, an in-depth study of the meaning of the sacraments, morality and the 10 Commandments, prayers of the Church and writing devotions, the Church as a visible sign of faith, and liturgical seasons. The advisory portion of the program will cover: character building, study skills, health and media, healthy relationships, and service activities. The instruction for the advisory portion is directly tied to the Catholic values, moral, and teaching benchmarks of the Church.

COURSE TITLE: Theology 9

ALL YEAR

DAILY

REQUIRED

GRADE: 9

CREDIT: 1.00

COURSE DESCRIPTION: This course is required of all freshmen. The primary aim of this course is to connect Catholic Christianity with the lives of the students. From the course's beginning, which focuses on adolescents' experiences in developing their identity, students can recognize themselves in the readings and activities. They can see how their own longings for happiness and fulfillment are part of the great longing of every human being for God (Chapter 1). From that insight, students will go on to consider what it means to have faith in God (Chapter 2). After gaining a basic understanding of faith, students will then explore the beliefs and practices of Catholic Christianity (Chapters 3-12) presented in a way that shows the connections with their lives. Topics include: Judaism, Jesus, the Church, Scripture, Tradition, Sacraments, Liturgical Year, Spirituality, Prayer and Christian Morality.

COURSE TITLE: Theology 10  
ALL YEAR  
DAILY

REQUIRED  
GRADE: 10  
CREDIT: 1.00

COURSE DESCRIPTION: This course consists of two separate semester courses of study.

1) HEBREW SCRIPTURE - The first semester course of study concentrates on the Hebrew Scriptures, also known as the Old Testament. The course will include practical discussions of the ancient writings of Israel. It will discuss each of the books of the Hebrew Scriptures, the important stories and passages from them, the teachings, prayers and poems. The historical setting and the literary purpose of the books will be considered. Assignments will call on the students to wrestle with the concerns expressed in the scriptures and attempt to relate the scriptures to our life today. Research projects will augment our understanding of the Bible.

2) CHRISTIAN SCRIPTURE - The second semester course of study concentrates on the Christian Scriptures, also known as the New Testament. The course will include an overview of each of the books of the Christian Scriptures. Lectures will explain as fully as possible the authorship, purpose and origins of the books. The Gospels will be treated during the third academic quarter and then the Acts, Letters and Revelation will be covered during the fourth quarter. Activities and assignments will involve reading the Bible and searching the Biblical texts for answers to our personal questions as well as deeper understandings of the texts themselves. Research projects will supplement the course materials.

COURSE TITLE: Theology 11 (Formerly Morality)

REQUIRED

ALL YEAR  
DAILY

GRADES: 11  
CREDIT: 1.00

COURSE DESCRIPTION: Juniors cover two different units.

1) Foundations of Catholic Morality- Includes the study of making moral decisions, sin and forgiveness, respect for life and for the gift of sexuality, justice and truth, and the values of Jesus. Students are challenged to examine their own personal morality and gain a deeper knowledge of their life in Christ.

2) Vocations-This will include the Sacraments of Holy Orders and Marriage. Students will learn about what their vocation is, how to recognize it and options for acting upon this.

COURSE TITLE: Theology 12 (formerly History & Justice)  
ALL YEAR  
DAILY

REQUIRED  
GRADES: 12  
CREDIT: 1.00

COURSE DESCRIPTION: Seniors cover two topics.

1) Sacraments - seeks to help students understand that they can encounter Christ today in a full and real way in and through the sacraments. Students will examine each of the sacraments in detail; they will also study in depth the Holy Mass.

2) Church History & Creating a World of Peace and Justice - seeks to explore and examine Catholic Church history and the development of Catholic Social Teaching aims at helping students understand what it means to be a socially conscious Catholic in today's world. Special attention is given to Catholic Social Teaching principles. Students look at contemporary issues in light of CST. Topics reflect current world affairs and may include the following topics: war, immigration, life issues (abortion, death penalty, stem cells), racism, poverty, genocide, discrimination. A wide variety of resources is offered, from novels to music to film to guest lecturers.

# World Languages Department

World Language classes at Regina are planned to coordinate with the National Standards for Foreign Language Learning that have been developed by ACTFL (American Council on the Teaching of Foreign Languages).

These goals/standards are as follows:

GOAL 1: Communication: Communicate in Languages Other than English

GOAL 2: Cultures: Gain Knowledge and Understanding of Other Cultures

GOAL 3: Connections: Connect with Other Disciplines and Acquire Information

GOAL 4: Comparisons: Develop Insight into Own Language and Culture

GOAL 5: Communities: Participate in Multilingual Communities at Home & Around the World

COURSE TITLE:	<u>Spanish I</u>	ELECTIVE	
PREREQUISITE:	None	GRADES:	8- 12
For Junior high students to start: based on recommendation and scores			
ALL YEAR		CREDIT:	1.00
DAILY			

COURSE DESCRIPTION: Spanish I is an introductory language program. Student activities include speaking, listening, writing and reading in Spanish. By the end of Spanish I, students will communicate in Spanish about their family, school, community, and interests in the present time. Students will compare and contrast the Spanish language and its cultures with those of their own community. Students will identify how Spanish is used in the real world. Students will also explore cultural aspects of a variety of Spanish-speaking communities and countries, including holidays and traditions. Tests and projects are oral and written in Spanish. The current text is En Espanol! Uno published by McDougal-Littell.

COURSE TITLE:	<u>Spanish II</u>	ELECTIVE	
PREREQUISITE:	Grade of C or better in Spanish I and/or recommendation of instructor	GRADES:	9-12
ALL YEAR		CREDIT:	1.00
DAILY			

COURSE DESCRIPTION: Spanish II is a continuation of Spanish I and all Spanish I material is relevant. Student activities include speaking, reading, writing and listening in Spanish. By the end of Spanish II, students will communicate in the past tense about a variety of topics, give descriptive narratives of their childhood, give commands and advice related to health and well-being, and more. Students also discuss travel, the news, as well as family relationships and celebrations. They will explore cultural aspects of Spanish-speaking communities in the United States, Puerto Rico, Mexico, and Spain. Tests are oral and written in Spanish. The current textbook is En Espanol! Dos published by McDougal-Littel.



COURSE TITLE:	<u>Spanish III</u>	ELECTIVE	
PREREQUISITE:	Completion of Spanish II with a C average and/or teacher recommendation	GRADES:	9-12
ALL YEAR		CREDIT:	1.00
DAILY			

COURSE DESCRIPTION: This course is a direct continuation of Spanish II and has the same goal of teaching towards the national standards. All of the material from Spanish I and II is relevant to this course. Continued proficiency of the language, both verbal and written, is the primary goal of this course, with cultural competency being emphasized as well. Spanish III is a very grammar-intense course but also provides many opportunities for the students to learn about Hispanic culture through the study of famous people, places and events. Units of study include (but are not limited to) fashion, household chores, wildlife/ecology, taking care of our community and world, holiday traditions and celebrations in Spanish-speaking countries, and more. Students are encouraged to use Spanish as much as possible and the majority of instruction is in Spanish. Text: En Espanol 3 (1<sup>st</sup> half, units 1-3)

COURSE TITLE:	<u>Spanish IV</u>	ELECTIVE	
PREREQUISITE:	Completion of Spanish III with a C average and/ or teacher recommendation	GRADES:	10-12
ALL YEAR		CREDIT:	1.00
DAILY			

COURSE DESCRIPTION: This course is a direct continuation of Spanish III and has the same goal of teaching towards the national standards. Extra attention is paid to developing writing and conversational skills. Grammatical concepts and skills previously taught in levels 1-3 are reviewed and polished in Spanish IV. Cultural elements are emphasized as well by continuing to study a variety of people, places, and contributions from the Spanish-speaking world with an emphasis on Spain and South America. Some units of study in Spanish 4 include art, literature, film, television, technology, pre-Columbian civilizations, careers, fields of study, and industries. Students are encouraged to use Spanish as much as possible and the majority of instruction is in Spanish. Text: En Espanol 3 (2<sup>nd</sup> half, units 4-6)

COURSE TITLE: Spanish V ELECTIVE  
PREREQUISITE: Completion of Spanish IV GRADES: 10-12  
with a C+ average and/ or  
teacher recommendation

ALL YEAR CREDIT: 1.00  
DAILY

The main goal for Spanish 5 students will be to apply and improve the Spanish language skills that they have acquired during previous levels. Spanish 5 will be very student centered; students will play a large role in deciding which skills they would like to review and practice, what types of projects they will complete, and what cultural topics they would like to explore. Grammar will *not* be the main focus of Spanish 5. Instead, grammar will mostly be addressed as it applies to the various projects and assignments that students complete. Much time will be spent practicing conversational skills in relaxed settings, although some formal oral presentations will also be required. Students should expect to hear and speak more Spanish than in previous levels. In addition, students will work on their writing skills through a weekly journal as well as other assignments and projects. Finally, students will improve their reading skills by through a variety of texts such as short stories, articles, poems, song lyrics, and more.

COURSE TITLE: AP Spanish Language Online ELECTIVE  
PREREQUISITE: Completion of Spanish IV GRADES: 10-12  
with a C+ average and/ or  
teacher recommendation

ALL YEAR CREDIT: 1.00  
DAILY

AP Spanish Language students practice perfecting their Spanish speaking, listening, reading, and writing skills. They study vocabulary, grammar, and cultural aspects of the language, and then apply what they learn in extensive written and spoken exercises. The course addresses the broad themes of Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. By the end of the course, students will have an expansive vocabulary, a solid, working knowledge of all verb forms and tenses, strong command of other language structures, and an ability to use language in many different contexts and for varied purposes. The equivalent of a college-level language course, AP Spanish Language prepares students for the AP exam and for further study of Spanish language, culture, or literature.

Required: Online Classes Fee Applies (Approximately \$100 per class).

AP Exam (fee around \$94 - scholarships available)

*Students enrolling in AP Spanish Language are required to take the AP Spanish Language test in May and may receive college credit through their performance on the exam.*

See the Digital Curriculum list for additional course offerings in this subject.

# Regina Digital Curriculum

Regina offers a variety of learning opportunities in order to customize a learning environment for the span of learners we have at Regina. Offerings include our digital curriculum, otherwise known as our online classes. Because much post-secondary education is delivered via online courses, having exposure to online learning with appropriate supports in place in high school will prepare Regina students for their future educational endeavors. We look at many products for our digital curriculum, but most often use three different platforms:

- Iowa Learning Online (ILO)
- APEX Learning Online
- APEX Learning Online through Iowa Online Advanced Placement Academy (IOAPA)

Each of these options are described below. Regina administration has the right to determine which platform is most appropriate, based on the calendar deadlines and student needs, for example.

## **Iowa Learning Online**

Iowa Learning Online (ILO) is an Iowa Department of Education initiative designed to help local Iowa school districts expand learning opportunities for their high school students through high quality, rigorous courses delivered online. Students are enrolled in ILO courses through Regina. All courses are taught by Iowa licensed and appropriately endorsed teachers. ILO courses run on a strict semester schedule and may not align with the Regina semesters. Students must be signed up to take these courses before the posted deadlines. Limited seats are available. The cost for ILO courses is \$250 per course per semester.

Since many of these courses are consistent with the Regina coursework, students may only enroll in them if allowed by Regina administration. Typical reasons why a student may use ILO include: taking a foreign language not offered at Regina, taking a course to recover credit, electing to take a course over the summer. Not all courses are offered each semester. For a full course description and current course offerings, visit [www.iowalearningonline.org](http://www.iowalearningonline.org).

## **APEX Learning**

Regina has entered into a partnership with Apex Learning to provide students with tools and classes that they will need to have to succeed in the future. A benefit to our partnership with Apex Learning is that having these courses allows students greater flexibility in the scheduling of their courses. Students who want to take a full slate of academic courses and a number of electives can now fit everything into their schedules.

Apex Learning courses allow students to gain different types of credit. Students can recover lost credits through the credit recovery program, take enrichment courses through the Honors curriculum, and experience AP courses through Apex. AP courses have been audited and approved by the College Board.

Critics of online programs will say that the courses can't be as good as traditional courses. Apex Learning has worked to dispel that notion, as it assembles experienced educational teams to develop a curriculum that is based on state and national content standards. With integrated assessment opportunities, learning supports, and Regina's commitment to find qualified teacher mentors to augment the curriculum, this program benefits those students who enroll. \$100 charge applies to each course. No more than \$200 per student per year will be assessed. Students planning to take AP courses are still required to take the AP exam and will be assessed the AP exam fee (around \$94). Scholarships are available.

For full course descriptions, visit <http://www.apexlearning.com/courses>

**APEX Online Through IOAPA**

Each year, the Belin Blank Center provides AP courses online to Regina at no costs. The courses offered through IOAPA are only AP courses that are not offered as a traditional classroom course at Regina, due to a small number of Regina students needing or wanting to take these courses. The traditional format of the APEX courses remains the same, but a certified AP instructor, hired through the Belin Blank Center, leads the course online.

The grant offered to Regina allows us to offer these courses free of charge to the student, if they apply by the posted deadline. Limited seats are available. Students planning to take the AP course are still required to take the AP exam and will be assessed the AP exam fee (around \$94).

Scholarships are available. Interested students in taking these courses should talk with a Regina School Counselor, TAG Coordinator, or Administration to sign up. The APEX IOAPA courses are indicated below with a “~” mark.

**Courses offered through APEX Online for 2017-2018**

<p><u>Electives/Career &amp; Technical:</u>          Art Appreciation          Music Appreciation          Business Applications          Introduction to Health Science          Intermediate Health Science          Principles of Health Science          Information Technology Applications          Principles of Information Technology          Principles of Business, Marketing &amp; Finance          Intro to Business &amp; Marketing          Intermediate Business &amp; Marketing          Intro to Business and Technology          Legal Environment of Business          Human Resources Principles</p>	<p><u>English:</u>          Creative Writing*          Media Literacy          AP Literature &amp; Composition*          AP Language &amp; Composition*</p>	<p><u>Social Studies:</u>          Multicultural Studies          Sociology          Psychology*          Geography &amp; World Cultures          Modern World History          AP Psychology*          AP US History*          AP World History*          AP Macroeconomics          AP Microeconomics          AP US Government~</p>
<p><u>Science:</u>          Earth Science          Environmental Science          Physical Science          AP Biology*          AP Chemistry~          AP Environmental Science</p>	<p><u>World Languages:</u>          AP Spanish~           Iowa Learning Online options:          Chinese, French, German,          Latin, Spanish 5</p>	<p><u>Mathematics:</u>          Liberal Arts Math          Probability and Statistics          AP Statistics~          AP Calculus AB*</p>

\*These classes are only available by permission if the traditional classroom course is unavailable.

~ These courses may be available without cost through the Iowa Online AP Academy Grant, if a student signs up before the IOAPA deadline.

These APEX courses below are offered only as credit recovery.

<u>Mathematics:</u> Math 7, 8 Pre-Algebra Algebra 1 Algebra 2 Geometry Pre-Calculus Mathematics of Personal Finance	<u>Social Studies:</u> Geography and World Cultures World History U.S. History U.S. Government & Politics U.S. and Global Economics
<u>Science:</u> Biology Chemistry Physics	<u>English:</u> English 7, 8, 9, 10, 11, or 12

Other World Languages are available through the Iowa Online Learning program. See [iowaonlinelearning.org](http://iowaonlinelearning.org) for more information.

# Off Campus Coursework and College Credit Opportunities

## Post-Secondary Enrollment Option Act

Students in grades eleven and twelve who are on track to graduate and have maintained above average GPAs, may take a college course for college and high school credit if it is NOT offered through the high school curriculum at Regina or Iowa City Schools. Tuition and books are paid by the Iowa City Community School district (ICCSA), through the Post-Secondary Enrollment Option (PSEO) Act, if the course is approved.

Regina H.S. students may consider post-secondary class options when they have fulfilled the standard high school curriculum and need more challenging material. On rare occasions, they may elect to substitute an appropriate college course for a comparable Regina offering because of scheduling limitations. However, it must be understood that these are no longer considered secondary educational classes. Students taking post-secondary classes are considered to be beginning a college transcript.

Transportation costs and incidental fees must be paid by the student. Should a student fail or drop a college course after the college's set deadline, a fee may be assessed, up to the entire tuition cost, will then be paid by the student paid to ICCSD.

In order to take a college course at the University of Iowa, students must maintain at or above a cumulative GPA of 3.5. They may require an ACT test or other placement tests to be admitted. Students must see the counselor and fill out the necessary paperwork before the posted deadline for each semester.

Regina High School only has jurisdiction over grading and class procedures for classes it sponsors and not for these off-site classes. **Students will be given graduation credit for the class when proof of completion is provided by the educational agency. Therefore, grades received from off-campus coursework, not specifically offered by Regina High School, will not be considered in the student's grade point average (GPA).**

The following classes are examples of typical coursework which may be credited and appear on the student's transcript, but will not be considered in the computation of the student's grade point average:

- Post Secondary Educational classes from colleges or universities.
- Off-Campus High School Credits. A maximum of two courses may be taken off campus and applied toward the credits needed for graduation. These courses may be taken as remedial work due to failure of a course or due to scheduling conflicts.
- Internships or Career Academy Programs offered through an accredited institution or Kirkwood Edge Program.
- Online High School Courses/High School Correspondence Courses outside of the Regina approved digital curriculum.

# Kirkwood Concurrent Courses at Regina

Regina High School partners with Kirkwood Community College and the Career Edge Department to offer courses on the Regina campus. Students electing to take these courses may earn 3-6 college credits in addition to the Regina High School credits. There will be a \$100 fee for these courses. It is the responsibility of the student to check with the college of their choice to see if these credits will be accepted at that particular college. Transcripts can be requested from the Kirkwood Community College Office of the Registrar.

Courses offered through Career Edge at Regina:

- Fundamentals of Web Programming
- Illustrator
- Digital Imaging
- Project Lead the Way: Intro to Engineering
- Project Lead the Way: Biomedical Science
- Project Lead the Way: Human Body Systems

See individual course descriptions for further details.

## Student Internships through Workplace Learning Connection

- Available for students in grades 11 and 12.
- Internship credit awarded per semester: .25 for a 45 hour placement or .50 credit for a 90 hour placement
- Grading will be Pass/Fail and will not factor into GPA

Regina partners with Workplace Learning Connection in order to offer valuable internship opportunities for high school students. The internship provides a unique opportunity for interactive learning that cannot be simulated in the classroom. Interns apply classroom knowledge in a real world setting; develop job skills and professional contacts as they gain insight to help them to make informed career decisions. Student interns work with and learn from professionals (supervisors, mentors, program coordinators) and develop essential skills like punctuality, reliability, and appearance. An internship experience provides a practical application of communication, teamwork, and problem solving, and goal setting skills. Students will work either 45 hours or 90 hours for an internship in a work situation of their choice. Students will also maintain a journal detailing their internship experiences and participate in three career development meetings with other interns. Internships can be completed for Spring, Summer or Fall.

**To apply, students must see the school counselor and do the following:**

1. Complete an internship application by the published deadline.
2. Participate in the interview process and be approved for participation by the Program Selection Committee through Workplace Learning Connection.

For more information, visit [www.workplace-learning.org](http://www.workplace-learning.org)

# Kirkwood Regional Academies

In cooperation with area school districts, high school students land in hands-on technical programs and arts and sciences classes. By partnering students now have access to highly technical state-of-the-art labs training students in areas which lead to high-skill, high-wage career opportunities. For more information, visit [Kirkwood Regional Center at the University of Iowa](#)

- Earn both high school and college credit at NO COST to their families.
- Explore specific career fields to help them make decisions about their future.
- Jump-start an applied science diploma, degree or technical certificate at Kirkwood.
- Earn fully transferrable credit they can take with them to a university.
- Access high tech companies and research centers on the University of Iowa campus such as the State Hygienic Laboratory, National Advanced Driving Simulator, University of Iowa Hospitals and Clinics, Iowa Institute for Hydraulics Research and Center for Computer Aided Design.
- Access opportunities to join in research projects with University of Iowa faculty.

## Instructions for Academy Courses for Fall 2017

1. Explore each Academy Program. Visit <http://www.kirkwood.edu/johnsonacademies>
2. Discuss your plans with your parent/guardian.
3. Discuss your plans with your high school counselor in Student Services.
4. Complete the pre-registration form online with your school counselor.
5. Enroll at Kirkwood to earn college credit in high school. Enroll at [www.kirkwood.edu/hscrcditapply](http://www.kirkwood.edu/hscrcditapply)
6. Complete the ICCSD Academy enrollment form
7. Attend the Kirkwood Academy orientation scheduled in the Spring.
8. Complete all paperwork requested by Kirkwood Staff and needed assessment/placement tests
9. Confirm with your school counselor that you will be attending an academy in the fall.

## Academies for 2017-2018

- Advanced Manufacturing/Engineering
- Arts & Science
- Business Exploration
- Computer Software Development
- Criminal Justice
- Education
- Emergency Medical Services: EMT
- Engineering
- Graphics, Media, Communication & Design
- Hotel/Hospitality
- Human Services
- Industrial Maintenance/Renewable Energy/Automation
- Information Technology
- Lab Science
- Patient Care (Nursing)
- Pharmacy Technician
- Pre-Professional
- Transportation



## Want to take a course at The University of Iowa?

1. Discuss your plans with your high school counselor. Obtain PSEO paperwork from counselor.
2. Apply to the University of Iowa right away. (It's free!)  
<http://www.uiowa.edu/admissions>
  - Fill out the online application for Undergraduate Nondegree Students still in high school. Students usually need a 3.5 high school GPA.
  - Ask your high school counselor for a transcript in a sealed envelope.
  - Take or send the sealed transcript to 108 Calvin Hall.
3. Call the Academic Advising Center 353-5700 as soon as possible.
  - Ask for Kathy Lafaurie.
  - Explain you are a high school student.
  - You will be assigned to an advisor based on your interests.
  - You will set up an appointment for February and March.
4. View course offerings online. No need to log in.  
<https://myui.uiowa.edu/my-ui/courses/dashboard.page>
  - Fall courses are posted on February 6.
  - Compile a list of options to discuss with your University advisor.
  - Check to be sure the times coordinate with your high school schedule.
5. Take placement tests online.  
<https://myui.uiowa.edu/my-ui/home.page>
  - Exams are on MyUI under Student Information at Admissions Profile.
  - Math placement is required for math and computer science courses.
  - Placement tests are also required for foreign language.
6. Meet with your University advisor at The Pomerantz Center on Market Street before March 30. (Park in the IMU ramp, level 4.). Bring the PSEO forms with you.
7. Prepare to become a University of Iowa student.  
Obtain a University of Iowa Student ID in 3 Jessup Hall (M-F; 8-4:30).
  - The University lends textbooks to PSEO students. Other students should locate their course materials at the University Bookstore or Iowa Book.
  - Take your immunization records to Student Health in 4189 Westlawn.
  - Set up your UI e-mail account at <https://myui.uiowa.edu/my-ui/home.page> Check it often!
8. Return all signed PSEO paperwork to your high school counselor by the posted deadline. The deadline for Fall 2017 classes is March 24th, 2017.

For your tuition to be covered under the Post Secondary Enrollment Options Act, your district must approve your course selection.

Stay in touch with your high school guidance counselor!