

REGINA JUNIOR SENIOR HIGH SCHOOL

PLAN OF STUDY COURSE DESCRIPTION GUIDE 2022-2023



Updated January 19, 2022

TABLE OF CONTENTS

General Information

- Required Classes / Class Cycles/ Periods
- Regina Grade Scale
- Academic Requirements (Grades 9-12)
- College Admission Standards
- Transfer Credit & Off-Campus Credit Info
- Student Learning Center
- Talented and Gifted (TAG)

Advanced Placement Information

Course List by Department

- Junior High course list
- High School course list

Course Descriptions by Department

- Art Department Courses
- Business Department Courses
- English Department Courses
- Family and Consumer Sciences Department Courses
- Mathematics Department Courses
- Music Department Courses
- Physical Education & Health Department Courses
- Project Lead the Way Courses
- Science Department Courses
- Social Studies Department Courses
- Theology Department Courses
- World Languages Department Courses

Regina Digital Curriculum

Off Campus Coursework & College Credit Opportunities

- Post Secondary Enrollment Option Act
- Kirkwood Career Edge Courses at Regina
- Student Internships
- Kirkwood Academies and PSEO Courses
- University of Iowa PSEO Credit

GENERAL INFORMATION

2-DAY CYCLE, 8-PERIOD DAY

The daily school schedule works as follows. Each day is lettered as 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.

Daily Schedules

<p>Monday, Tuesday, Friday</p> <p>8:20 - 9:05 1st Period 9:09 - 10:00 2nd Period 10:04 - 10:49 3rd Period 10:53 - 11:38 4th Period</p> <p>11:38 - 12:00 A Lunch (JH) 12:04 - 12:52 A 5th Period (JH)</p> <p>11:42 - 12:30 B 5th Period (HS) 12:30 - 12:52 B Lunch (HS)</p> <p>12:56 - 1:38 6th Period 1:42 - 2:24 7th Period 2:28 - 3:10 8th Period</p>	<p>Wednesday and Thursday</p> <p>8:20 - 9:30 1st Block (1st and 2nd Periods) 9:34 - 10:46 2nd Block (3rd and 4th Periods) 10:50 - 11:20 Intercession Time</p> <p>11:20 - 11:42 A Lunch (JH) 11:46 - 12:56 A 3rd Block (5th and 6th Periods)</p> <p>11:24 - 12:34 B 3rd Block (5th and 6th Periods) 12:34 - 12:56 B Lunch</p> <p>1:00 - 2:10 4th Block (7th and 8th Periods) 2:10/2:15 Thursday Dismissal/Mass in Gym 3:10 Wednesday Dismissal *If there is time after Mass on Wednesdays, students and teachers are expected to return to their 7th period class until 3:10.</p>
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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 coursework 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.

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: 0 .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 published deadline.

Applications will be reviewed by Regina's NHS Faculty Council. After reviews, students will be sent an acceptance or denial letter. Students 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

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 to stay on pace toward graduation.

REQUIRED COURSES

Department	Course	Units	Total Units
Religion	Theology 9, 10, 11, 12	1.0 each	4
English	English 9, 10	1.0 Each	4
	English 11 or AP Language (or equivalent)	1	
	English 12 or AP Literature (or equivalent)	1	
	World History or AP World History	1	
Social Studies	US History or AP US History	1	3.5
	Government or AP Government	0.5	
	Economics or AP Macro or Microeconomics	0.5	
	Psychology or AP Psychology (for class of 2022+)	0.5	
	11th Grade Requirement	0.5	
Mathematics	See possible sequences	1.0 Each	3
Science	Earth & Space Science (for class of 2022+)	1	3
	Science Electives, See possible sequences	1.0 Each	
Physical Ed	Physical Education 9, 10, 11, 12	.5 Each	2
Fine Arts	1 class taken in grades 9-12	0.5	0.5
Health	9th Grade Requirement	0.5	0.5
Personal Finance	10th Grade Requirement	0.5	0.5
Senior Seminar	12th grade Requirement	0.5	0.5
Electives	Various	.5-1 Each	4.5
Total Units Required for Graduation			26

Equivalent replacements for course requirements may be approved by the administration by request.

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

Core Course Dept.	Optimum requirements for admission
English	4 years with an emphasis on the communication skills of writing, reading, and listening, and the analysis and interpretation of literature.
Mathematics	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.
Natural Science	4 years, one each year of high school. To be really well prepared a minimum of one year of Biology, Chemistry and Physics.
Social Studies	3 years, one year of World and US History. Additional courses in Economic, Government and Psychology will give the incoming student an advantage.
Foreign Language	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 beneficial to keep an accurate personal record of extracurricular activities, volunteer experience, and accomplishments for grades 9-12. Rank may be provided when it is necessary for college admission or scholarship qualification, by individual request.

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 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 High School requires our students to complete 2.0 credits (.25 credits per semester) of Physical Education (P.E.), as required by the State of Iowa. Students must enroll in physical education each year. Under certain conditions, exemptions to physical education classes may be granted to students as written in Iowa Code 256.11. 281 – IAC 12.4(5)f.

All Grades

- Medical Exemption—Must file a statement signed by a physician or health care provider
- Conflict with Religious Belief—Must file a written statement to the Principal

Grades 9-11 (may only be considered for a waiver for one of two semesters per school year)

- Academic Course Not Otherwise Available—Example: to allow for a student to participate in Choir
- Organized & Supervised Athletic Program—Must be a school sanctioned and supervised sport

Grade 12 (may be considered for one or both semesters)

- Academic Course Not Otherwise Available
- Organized & Supervised Athletic Program
- Off-Campus Educational Program—Examples: Kirkwood Career Academy, UI courses, internship- A

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. No additional cost. It may replace the credit of the previous course, possibly improving their overall GPA.
2. Take the course through APEX Virtual School or Kirkwood High School Distance Learning. This option can be done during the school year or during the summer term. The cost for the class varies, based on the vendor and their fee structure each year. The course will be graded by the vendor's staff, added to the transcript, but not included in GPA. The previous course, grade and credit remains on the transcript.
3. Take the course through APEX learning online during the next semester or school year. An APEX course fee varies, \$60-\$130 per semester. An APEX course will be graded by Regina staff, added to the transcript, and included in GPA. The previous course, grade and credit remains on the transcript.

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

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

- 2-D Art & Design
- 3-D Art & Design
- Biology
- Calculus AB
- Calculus BC
- Chemistry
- Drawing
- English Language & Composition
- English Literature & Composition
- Psychology
- US Government & Politics
- US History
- World History: Modern

AP COURSES ONLINE BY OUTSIDE INSTRUCTORS

- Environmental Science
- Macroeconomics
- Microeconomics
- Physics C: Electricity and Magnetism
- Physics C: Mechanics
- Spanish
- Statistics

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. Students commit that time to using resources to learn material and prepare for the AP exam.

- Art History
- Comparative Government & Politics
- Computer Science
- European History
- Human Geography
- Music Theory
- Physics 1 & 2

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: 0.00
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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>

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 that students be Juniors or Seniors to participate in AP online classes. A student must have a free period during the day to work on their online course(s). 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 \$125 per course). In some cases, students may register for a course free of charge, from a generous grant from the Belin-Blank Center.

Course List by Department

Junior High Course List

Art	7th	8th	Required	Credit
JH Art 1	x	x	No	0.25
JH Art 2	x	x	No	0.25
Business				
Computer Applications	x	x	No	0.25
English				
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
JH Creative Writing	x	x	No	.25
I-Ready Reading	x	x	Based on scores	.25-0.50 per semester
JH Speech	x	x	No	0.25
Family and Consumer Science				
Family & Consumer Science I	x	x	No	0.25
Family & Consumer Science II	x	x	No	0.25
Mathematics				
Math 7	x		Based on scores	1.00
Pre-Algebra	x	x	Based on scores	1.00
I-Ready Math	x	x	Based on scores	.25-0.50 per semester
Algebra I	x	x	Based on scores	1.00
Geometry	x	x	Based on scores	1.00
Algebra II	x	x	Based on scores	1.00
Music				

Junior High Chorus	x	x	1 music required each year	.25 per semester
Junior High Band	x	x	1 music required each year	.50 per semester
Junior High Orchestra	x	x	1 music required each year	.50 per semester
JH General Music	x	x	1 music required each year	.25 per semester
Physical Education & Health				
Junior High PE	x	x	Yes	.50 per year
Science				
Integrated Science 7	x		Yes	1.00
Integrated Science 8		x	Yes	1.00
Social Studies				
Contemporary Global Studies	x		Yes	1.00
American History		x	Yes	1.00
Theology/Religion				
Via de Cristo	x	x	Yes	1.00 per year
World Language				
Spanish I		x		1.00

High School Course List by Department

Art	9	10	11	12	Required	Credit	RAI Or NCAA	Fees	College Credit Possible
Art 1	x	x	x	x		0.50			
Art 2	x	x	x	x		0.50			
3-D Forms	x	x	x	x		0.50			
Photo/Video Production	x	x	x	x		0.50			
Advanced Art Studio				x		0.50			

Illustrator I (Kirkwood)	x	x	x	x		0.50		\$100	Yes
Digital Imaging (Kirkwood)	x	x	x	x		0.50		\$100	Yes
AP Art: Drawing		x	x	x		1.00		\$96	Yes
AP Art: 2D		x	x	x		1.00		\$96	Yes
AP Art: 3D		x	x	x		1.00		\$96	Yes

Business & Technology	9	10	11	12	Required	Credit	RAI Or NCAA	Fees	College Credit Possible
Personal Finance		x			Yes	0.50			
Intro to Business	x	x	x	x		0.50			
The Art of Computer Science	x	x	x	x		0.50			
Senior Seminar				x	Yes	0.50			

English	9	10	11	12	Required	Credit	RAI Or NCAA	Fees	College Credit Possible
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	\$96	Yes
English 12				x	Yes	1.00	Both		
AP English Literature and Comp.				x	Yes*	1.00	Both	\$96	Yes
Creative Writing	x	x	x	x		0.50	Both		
Speech	x	x	x	x		0.50	Both		

Family & Consumer Science	9	10	11	12	Required	Credit	RAI Or NCAA	Fees	College Credit Possible
Culinary Arts 1	x	x	x	x		0.50		\$50	

Culinary Arts 2	x	x	x	x		0.50		\$50	
Intro to Family and Consumer Science	x	x	x	x		0.50		\$20	

Mathematics	9	10	11	12	Required	Credit	RAI Or NCAA	Fees	College Credit Possible
Algebra I	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		
Probability and Statistics			x	x		1.00	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	\$96	Yes
AP Calculus BC			x	x		1.00	Both	\$96	Yes
AP Statistics Online			x	x		1.00	RAI	\$96	Yes

Music	9	10	11	12	Required	Credit	RAI Or NCAA	Fees	College Credit Possible
High School Concert Choir	x	x	x	x		0.50-1.00			
High School Band	x	x	x	x		0.50-1.00			
High School Orchestra	x	x	x	x		0.50-1.00			

Physical Education & Health	9	10	11	12	Required	Credit	RAI Or NCAA	Fees	College Credit Possible
PE 9-12	x	x	x	x	Yes	0.50			

Health	x				Yes	0.50			
Topics in Health		x	x	x		0.50			

Science	9	10	11	12	Required	Credit	RAI Or NCAA	Fees	College Credit Possible
Earth & Space Science	x				Yes	1.00	Both		
Biology	x	x				1.00	Both		
Chemistry		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	Both	\$100	Yes
PLTW Human Body Systems			x	x		1.00	Both	\$100	Yes
AP Biology			x	x		1.00	Both	\$96	Yes
AP Chemistry			x	x		1.00	Both	\$96	Yes
AP Environmental Science online			x	x		1.00	RAI	\$96	Yes

Social Studies	9	10	11	12	Required	Credit	RAI Or NCAA	Fees	College Credit Possible
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	\$96	Yes
Psychology	x	x	x	x	Yes	0.50	Both		
Abnormal Psychology	x	x	x	x		0.50	Both		
AP Psychology		x	x	x	Yes*	1.00	Both	\$96	Yes
AP World History		x	x	x	Yes*	1.00	Both	\$96	Yes
American Government			x	x	Yes	0.50	Both		
AP U.S. Government & Politics			x	x	Yes*	0.50	RAI	\$96	Yes

Economics			x	x	Yes	0.50	Both		
AP Macroeconomics Online			x	x	Yes*	0.50	RAI	\$96	Yes
AP Microeconomics Online			x	x	Yes*	0.50	RAI	\$96	Yes

Theology/Religion	9	10	11	12	Required	Credit	RAI Or NCAA	Fees	College Credit Possible
Theology 9	x				Yes	1.00			
Theology 10		x			Yes	1.00			
Theology 11			x		Yes	1.00			
Theology 12				x	Yes	1.00			

World Language	9	10	11	12	Required	Credit	RAI Or NCAA	Fees	College Credit Available
Spanish I	x	x	x	x	No	1.00	Both		
Spanish II	x	x	x	x	No	1.00	Both		
Spanish III		x	x	x	No	1.00	Both		
Spanish IV			x	x	No	1.00	Both		
AP Spanish Language Online				x	No	1.00	RAI	\$96	Yes

* Indicates these course alternatives that may take the place of a course to meet the high school graduation requirement.

Course Descriptions by Department

Art Department

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

COURSE DESCRIPTION: Junior High Art 1 is an introductory course to the visual arts. The content covers a variety of concepts and drawing media, painting, printmaking, color theory, three-dimensional design, pottery, and techniques in perspective. In addition to gaining confidence and proficiency working with a variety of mediums, students will learn about the history, analysis, and interpretation of art.

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

COURSE DESCRIPTION: In Junior High Art 2 is designed to further develop the concepts and skills learned in Art I and is available for second level art students. Students will use the skills and techniques learned previously to enhance artwork in two and three-dimensional design using a variety of media. The two-dimensional media includes graphite, charcoal, pastels, color pencil, acrylic, watercolor, and ink techniques. Three-dimensional work explored in this class includes ceramics, and various sculpture materials. The student will develop an ability to make effective choices concerning media, techniques, subject matter, methods of interpretation, and compositional design. Students will further their understanding of the history, analysis, and interpretation of art.

Art I and Art II students will be provided with sketchbooks. Students will be asked to practice and plan with their sketchbooks. Sketch assignments and due dates for all projects will be clearly posted in Google Classroom.

Regina Junior High students have many opportunities throughout the year to showcase their work including: displays throughout the school, possible community service projects, The Hancher Guild Youth Art Show, and every student K-8 can display a piece in the Regina Spring Art Fair.

Junior High art classes meet during 7th and 8th period. The curriculum taught follows the National Core Standards, the Iowa Core Standards, and the Davenport Diocese standards for the visual arts.

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.

COURSE TITLE: 3-D Forms ELECTIVE
PREREQUISITE: Art I & II GRADES: 9, 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 & Video Production ELECTIVE
PREREQUISITE: Art I & II GRADES: 9, 10, 11, 12
SEMESTER CREDIT: .50
DAILY

COURSE DESCRIPTION: The semester begins with black and white film photography. From there we move on to digital photography and photo editing, using the Adobe Photoshop program. The second half of the semester will consist of producing and editing videos using Adobe's Premiere Pro software. Students will create a music video, commercial, short film and more.

COURSE TITLE: Advanced Art Studio (Sr. Art) ELECTIVE
PREREQUISITE: Art I & II, 3-D Forms 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: AP Art: 2D ELECTIVE
PREREQUISITE: Art I & II or teacher recommendation GRADES: 11, 12
YEAR 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 \$96). Scholarships available.

COURSE TITLE: AP Art: 3D ELECTIVE
PREREQUISITE: Art I & II or teacher recommendation GRADES: 11, 12
YEAR 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 \$96). Scholarships available.

See the Digital Curriculum list for additional subject course offerings.

Business and Technology Department

COURSE TITLE: Computer Applications
PREREQUISITE: None
YEAR
ALTERNATE DAYS

ELECTIVE
GRADES: 7 or 8
CREDIT: .25

COURSE DESCRIPTION: Since students come to this point with many levels of competency, our goal is to make sure they meet basic operation standards for Chromebooks, Google Classroom, and JMC. After the basics have been met various options will be explored by individuals, small groups and the whole class.

COURSE TITLE: Personal Finance
PREREQUISITE: None
YEAR
ALTERNATE DAYS

REQUIRED
GRADE: 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: Intro to Business
PREREQUISITE: None
SEMESTER
DAILY

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

COURSE DESCRIPTION: This course provides opportunities to learn and experience a variety of topics in the field of business. Students are exposed to entrepreneurship, management, marketing, business law, accounting and basic programming. Course activities involve students writing, problem-solving, demonstrating, and reporting. Skills taught will include communication, decision making, and ethics.

COURSE TITLE: The Art of Computer Science Online ELECTIVE
PREREQUISITE: None GRADE: 9-12
SEMESTER CREDIT: .50

COURSE DESCRIPTION: The course will introduce students to computer science concepts, such as: computer systems, computer hardware and software, algorithms, programming fundamentals, Boolean logic, data structures, looping, algorithm efficiency, functions and recursion, sorting and searching, text encoding and cryptography, databases and networking. The course is offered as an online course, offered by AEA Learning Online in coordination with Regina staff.

COURSE TITLE: Senior Seminar REQUIRED
PREREQUISITE: None GRADE: 12
YEAR CREDIT: .50
ALTERNATE DAYS

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: Microsoft Office Specialist (Inactive) ELECTIVE
PREREQUISITE: None GRADES: 9, 10, 11, 12
SEMESTER CREDIT: .50
DAILY

COURSE DESCRIPTION: This independent study course will guide students through tools and features of Powerpoint, Word and Excel that go beyond the basics to cover advanced skills tested in the Microsoft Certification tests. This course prepares students to take the official Microsoft Office Specialist Certification exams.

COURSE TITLE: Accounting 1 (INACTIVE) ELECTIVE
PREREQUISITE: None GRADES: 9, 10, 11, 12
SEMESTER CREDIT: .5
DAILY

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) ELECTIVE
PREREQUISITE: Accounting 1 GRADES: 9, 10, 11, 12
SEMESTER CREDIT: .50
DAILY

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: Business Law (INACTIVE)
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, the 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 (INACTIVE)
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 the 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: KCC Fundamentals of Web Programming (INACTIVE) ELECTIVE - Dual Credit
PREREQUISITE: None
SEMESTER
DAILY

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

COURSE DESCRIPTION: In this Kirkwood course, students will 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

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. 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, fiction 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: .25-1.00
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 individually to work with the teacher 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 chosen by the teacher, as well as other supplemental material (non-fiction articles, short stories, poems, etc). Students will also utilize the school library for reading, projects, and research. The course focuses on literary analysis and comprehension with supplements such as poetry analysis, academic essay writing, and more.

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

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:	<u>Language Arts 8</u>	REQUIRED	
PREREQUISITE:	None	GRADES:	8
ALL YEAR		CREDIT:	.50
ALTERNATE DAYS			

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 8th 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 8th 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 8th grade. It is important to remember that there is a wide variety of skills in writing in 8th 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:	<u>IH Speech</u>	ELECTIVE
PREREQUISITE:	None	GRADES: 7, 8
SEMESTER		CREDIT: .25
ALTERNATE DAYS		

COURSE DESCRIPTION: This course is an introductory speech communication class. The students will learn how to 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 different speeches including an introductory speech, a persuasive or informative speech, and an expository speech.

COURSE TITLE:	<u>IH Creative Writing</u>	ELECTIVE
PREREQUISITE:	None	GRADES: 7, 8
SEMESTER		CREDIT: .25
ALTERNATE DAYS		

COURSE DESCRIPTION: This is an introduction to the creative writing style and process. Throughout this semester, students will focus on the craft of story writing, practicing elements like dialogue, plot development, character creation and so forth. This will result in the final project of writing their own short story. Students will also review their work with peers in order to gain feedback on their strengths and areas of improvement with their own writing.

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

COURSE DESCRIPTION: The student is offered a program that enables him/her to speak, listen, read and write with increasing understanding. Literature is studied by theme, including short stories, drama, poetry, and novels. Literature-based analysis essays are written by each student as well as various shorter writing pieces and projects. Grammar is addressed throughout the year.

COURSE TITLE:	<u>English 10</u>	REQUIRED
PREREQUISITE:	None	GRADE: 10
ALL YEAR		CREDIT: 1.00
DAILY		

COURSE DESCRIPTION: This course builds on the language arts program introduced in English 9. The study of literature is by theme. Public speaking and written assessments place emphasis on the effective use of language as a tool of self-expression. Literature-based analysis essays are written by each student as well as various shorter writing pieces and projects. Grammar is addressed throughout the year which builds upon the previous years.

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 and career. Students will develop and refine their writing skills using the process approach to writing. Central to the curriculum is the survey of American Literature. In addition, students will review for the English section of the SAT/ACT exams focusing on critical reading and vocabulary.

COURSE TITLE:	<u>English 12</u>	REQUIRED	
PREREQUISITE:	None	GRADE:	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. Students will be expected to complete several writing assignments. At least one college level paper requiring research and written to MLA specifications is required. Emphasis will be on developing a student's ability to critique his/her own writing while improving writing skills. This course combines study of world literature that explores different cultures and worldviews.

COURSE TITLE:	<u>AP Language and Composition</u>	REQUIRED in place of English 11
PREREQUISITE:	Successful completion of English 9 & 10	GRADE: 11
ALL YEAR		CREDIT: 1.00
DAILY		

COURSE DESCRIPTION: 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 evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and document-based synthesis. Reading will include nonfiction texts from a range of disciplines and historical periods as well as analysis of current events. This course further emphasizes the development of critical reading skills and analytical writing skills based on literature. 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 \$96; scholarships available)

COURSE TITLE:	<u>AP Literature and Composition</u>	REQUIRED in place of English 12
PREREQUISITE:	Successful completion of English 9, 10, 11	GRADE: 12
ALL YEAR		CREDIT: 1.00
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 Literature follows a curriculum approved by The College Board and is designed to prepare students for the study of literature in college. Works surveyed include ancient literature, medieval literature, Renaissance and Enlightenment Literature, 19th century literature, and modern and postmodern literature. Specific titles vary from year to year. As they read, students consider a work's structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone. A great deal of poetry and drama 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 \$96; scholarships available)

COURSE TITLE:	<u>Speech</u>	ELECTIVE
PREREQUISITE:	None	GRADES:9,10,11,12
SEMESTER		CREDIT: .5
DAILY		

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. Focus will also continue on the general styles of speech giving: informative, persuasive, impromptu, and demonstrative. Students will also get the chance to develop the writing and communication skills that go into interviewing for jobs.

COURSE TITLE:	<u>Creative Writing</u>	ELECTIVE
PREREQUISITE:	None	GRADES: 9-12
SEMESTER		CREDITS: .50
DAILY		

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 given the chance to analyze and write different styles of writing creatively such as narratives, journaling, descriptive essays, memoirs, poetry, and much more! Students will also review their work with peers in order to gain feedback on their strengths and areas of improvement with their own writing.

COURSE TITLE: Publications/Journalism (INACTIVE) ELECTIVE
PREREQUISITE: None GRADES: 9,10,11,12
SEMESTER CREDIT: .50
DAILY

COURSE DESCRIPTION: Students will learn and practice reporting and writing skills as well as basic photojournalism techniques. 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 (INACTIVE) 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.

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

Family & Consumer Sciences Department

COURSE TITLE: Family and Consumer Sciences I (FACS 1) ELECTIVE
PREREQUISITE: None GRADES: 7, 8
SEMESTER CREDIT: .25
ALTERNATE DAYS

COURSE DESCRIPTION: Family and Consumer Sciences I 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. In the food lab, students will learn to work cooperatively by preparing the recipes and cleaning their kitchens. Students will be responsible for providing their own fabric for the sewing project.

COURSE TITLE: Family and Consumer Sciences II (FACS 2) 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 learned in FACS 1. Students will do two different sewing projects - a hand sewing project and a machine sewing project. They will be introduced to 3 basic hand sewing stitches, along with sewing on a button. There will also be a laundry review unit and an Ironing Unit in which they will have to complete both tasks at home. A Food Unit that includes prepping the food and cleaning up after themselves will be a part of the curriculum. Finally, there will be an online budgeting curriculum. This unit will be completed during class so we can discuss the importance of budgeting and being responsible for your money.

COURSE TITLE: Culinary Arts 1 (Formerly Foods I) ELECTIVE
PREREQUISITE: None 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 skills. Emphasis is placed on proper knife skills, safety, sanitation, nutrition, and an understanding of how what you eat can have a direct affect on you. Students will prepare two labs per week, along with classroom projects and activities. LAB FEE: \$50.00

COURSE TITLE: Culinary Arts 2 (Formerly Foods II) ELECTIVE
PREREQUISITE: Culinary Arts 1 GRADES: 9,10,11,12
SEMESTER CREDIT: .50
DAILY

COURSE DESCRIPTION: In this course, students will travel the world learning about different cuisines and cultures. They will prepare foods from different geographical locations in the United States, as well as from

different countries. The goal is for students to become independent in the kitchen, learn proper knife skills and cooking techniques while understanding the importance of working efficiently and effectively with their lab group.. Students will prepare two labs per week, along with classroom projects and activities. Through documentaries and discussions, students will learn how the food industry is being shaped by our environment and vice versa. LAB FEE: \$50.00

COURSE TITLE:	<u>Intro to FACS (Family and Consumer Sciences)</u>	ELECTIVE	
PREREQUISITE:	None	GRADES:	9,10,11,12
SEMESTER		CREDIT:	.50
DAILY			

COURSE DESCRIPTION: Intro to FACS is a semester long course designed to provide students with opportunities to explore the areas of study within Family And Consumer Sciences through activities and hands-on projects. If you enjoyed the junior high FACS classes, then you will be sure to enjoy this. The units of study for this course include sewing and apparel, basic food and nutrition, independent living skills and personal finance. All of the hands-on projects, field trips, etc that we do are life skills that you will use one day. Along with the lab fee, students will also be responsible for purchasing their own fabric for sewing projects. LAB FEE: \$25.00

Mathematics Department

COURSE TITLE: Math 7 REQUIRED *
PREREQUISITE: GRADES: 7
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 7th grade math curriculum and will focus on 7th 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/Scores GRADES: 7/8
ALL YEAR CREDIT: .25-1.00
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 ratios, numbers, equations, functions, exponents, intro to geometry, and data analysis. A simple calculator like TI-30X IIS is required for this course.

COURSE TITLE: Algebra 1A REQUIRED BASED ON PLACEMENT
PREREQUISITE: Pre-Algebra GRADES: 9, 10
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 1</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 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 the teacher.

A scientific calculator like TI30X IIS is required.

COURSE TITLE:	<u>Geometry</u>	REQUIRED
PREREQUISITE:	Algebra 1 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:	<u>Algebra 2</u>	REQUIRED
PREREQUISITE:	Algebra 1 and Geometry	
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, polynomial, radical, exponential, logarithmic, and rational functions; rational, irrational, and complex expressions; sequences and series; and matrices. A graphing calculator is required. Texas Instruments 84-Plus CE is preferred.

COURSE TITLE: Pre-Calculus
PREREQUISITE: Algebra 2
ALL YEAR
DAILY

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

COURSE DESCRIPTION: This offering is recommended for college-bound students. The focus of the course is to prepare students for Calculus. Topics include: Algebra 2 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 84-Plus CE is preferred.

COURSE TITLE: Probability & Statistics
PREREQUISITE: Algebra 2
ALL YEAR
DAILY

ELECTIVE
GRADES: 11, 12
CREDIT: 1.00

COURSE DESCRIPTION: *Open Intro Statistics* covers a first course in statistics, providing a rigorous introduction to applied statistics. The authors of the book aim for students to form a foundation of statistical thinking and methods. Students also learn to use technology to learn about data analysis. A graphing calculator is required. Texas Instruments 84-Plus CE is preferred.

COURSE TITLE: Calculus
PREREQUISITE: Pre-Calculus
ALL YEAR
DAILY

ELECTIVE
GRADES: 11, 12
CREDIT: 1.00

COURSE DESCRIPTION: Calculus is a college-bound course available to students who have completed Pre-Calculus. Topics include limits and continuity; derivatives of polynomial, trigonometric, exponential and composite functions; applications of the derivative - slope, optimization; inflection points, curve sketching; integration - change of variables, areas under curves; and the 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 84-Plus CE is preferred.

COURSE TITLE: AP Calculus AB ELECTIVE
PREREQUISITE: Pre-Calculus GRADES: 10, 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 limits and continuity; differentiation (definition and fundamental properties; composite, implicit, and inverse functions; contextual and analytical applications; and differential equations); and integration (accumulation of change; and applications). This course moves very quickly and requires students to make sure that they are understanding the material and to ask questions when they are unsure of their learning. A graphing calculator is required. Texas Instruments 84-Plus CE is preferred.

Required: AP Exam (fee around \$96 - 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 ELECTIVE
PREREQUISITE: AP Calculus AB GRADES: 11, 12
ALL YEAR CREDIT: 1.00
DAILY

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. This course moves very quickly and requires students to make sure that they are understanding the material and to ask questions when they are unsure of their learning.

A graphing calculator is required. Texas Instruments 84-Plus CE is preferred.

Required: AP Exam (fee around \$96 - 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: AP Statistics Online ELECTIVE
PREREQUISITE: Algebra II GRADES: 11, 12
ALL YEAR CREDIT: 1.00
DAILY

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. A graphing calculator is required. Texas Instruments 84-Plus CE is preferred.

Required: Online Classes Fee Applies (Approximately \$125 per class), unless IOAPA grant is available.

AP Exam (fee around \$96 - 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.*

COURSE TITLE: Discrete Mathematics I (INACTIVE) 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 (INACTIVE) 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.

* Placement in Junior High Mathematics is based on classroom performance, standardized testing, 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: 7th Grade Chorus/8th 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: 5th and 6th 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: 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: Junior High General Music
PREREQUISITE: None
ALL YEAR
ALTERNATE DAYS

CREDIT: .25 per semester
GRADE: 7, 8

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: Choir
PREREQUISITE: None
ALL YEAR or SEMESTER
DAILY

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

COURSE DESCRIPTION: 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 ELECTIVE
PREREQUISITE: Jr. High Band or private lessons GRADES: 9, 10, 11, 12
ALL YEAR CREDIT: 1.00
DAILY

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 ELECTIVE
PREREQUISITE: JH Orchestra or Private Lessons GRADES: 9, 10, 11, 12
ALL YEAR CREDIT: .5 per semester
DAILY

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. High School Orchestra extends students' musical learning with advanced repertoire, Solo and Ensemble experiences, and connections to music-making at University of Iowa and throughout the broader community.

REQUIREMENTS:

- Attendance at rehearsals, lessons, and performances.
- Participation in trips to festivals, competitions, and Solo-Ensemble contests.

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.

COURSE TITLE:	<u>General 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 and lifestyle fitness activities. Area of study: weight training, volleyball, badminton, basketball, softball, bowling, pickleball, archery, lacrosse, soccer, wiffle ball, ultimate frisbee, 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:	<u>Performance Physical Education 9-12</u>	REQUIRED (if replacing PE)
PREREQUISITE:	None	GRADES: 9,10,11,12
ALL YEAR		CREDIT: .5
ALTERNATE DAYS		

COURSE DESCRIPTION: Performance PE is different from your traditional PE class. This class is aimed towards motivated students who are in a sport, club, or are looking to improve their athletic performance. There will be an emphasis on teaching proper speed mechanics, plyometrics, and change of direction training. Students will improve speed, explosiveness, move more efficiently in space, and decrease their risk of injury.. Students will track data of their testing results to see improvement throughout the year. Phil Arendt will handle the resistance training/weight training, while this class will supplement his program. Area of study: teaching proper speed mechanics (posture, arm action, leg action), sprinting, speed drills, plyometrics (jumps, bounds, hops, skips), change of direction drills, and rank, record, and publish their results over time.

Expectations:

1. Students are expected to maintain a good attendance record and to achieve the maximum benefits from the program.
2. Students will develop proper running and sprint mechanics. They will see results if they show up motivated to learn and get better on a consistent basis.

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

COURSE DESCRIPTION: This course 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 and CPR training.

COURSE TITLE: Topics in Health ELECTIVE
 PREREQUISITE: None GRADES: 10, 11, 12
 ALL YEAR CREDIT: 0.50
 ALTERNATE DAYS

COURSE DESCRIPTION: This course will discuss health issues that are important to the student's personal lives as well as the community as a whole. Topics will vary based on student interest and current trends.

COURSE TITLE: Health and Human Development (INACTIVE) REQUIRED
 PREREQUISITE: None GRADES: 9
 ALL YEAR CREDIT: 0.50
 ALTERNATE DAYS

COURSE DESCRIPTION: 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.

COURSE TITLE: Lifestyle PE: Fitness & Wellness(INACTIVE) 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. This class is geared towards the students who don't necessarily find enjoyment in the sports and games during general PE. Activities would include: yoga, dance, biking, HIIT workouts, core workouts, hiking, intro to weight training, zumba, walking/jogging, etc.

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

Science Department

COURSE TITLE: 7th Grade Integrated Science REQUIRED
PREREQUISITE: None GRADES: 7
ALL YEAR CREDIT: 1.00
DAILY

COURSE DESCRIPTION: 7th grade Integrated Science will continue to build on the concepts introduced in the elementary grades. The content for 7th grade Integrated Science will include units from Physical Science, Earth Science, and Life Science. These units will cover: force, motion, and energy; human anatomy; the inheritance of genetic traits, genetic mutations; and processes of ecosystems. Students will learn to be problem solvers, design experiments, use lab equipment, and keep a lab notebook.

COURSE TITLE: 8th Grade Integrated Science REQUIRED
PREREQUISITE: None GRADES: 8
ALL YEAR CREDIT: 1.00
DAILY

COURSE DESCRIPTION: 8th Grade Integrated Science is the final course in the middle school integrated science series. Content for this course includes units from Physical Science, Earth Science, and Life Science. These units will cover: matter, motion, forces, waves, sound, light, Earth's place in the universe, Earth's systems, and biological diversity and unity

COURSE TITLE: Earth and Space Science REQUIRED
PREREQUISITE: None GRADE: 9
ALL YEAR CREDIT: 1.00
DAILY

COURSE DESCRIPTION:

The Earth and Space Science (ESS) course is a required course aligned to meet the Iowa Core Standards. The goal is for students to learn to interpret and understand the world around them. Class participants will investigate and study the interactions between Earth's four major spheres (the geosphere, atmosphere, hydrosphere, and biosphere) and explain Earth's formation, Earth's processes, and how Earth changes over time. The course will explore how current actions of man interact with, and affect, Earth's spheres, leading to local and global changes. The course looks at Earth's place in the universe, the life cycles of stars, and the motion of objects in the solar system. Additional topics to be addressed, through scientific inquiry, include: mapping Earth's surface, plate tectonics, earthquakes, volcanoes, climatology, and astronomy. Students will participate in laboratory exercises, small group activities, web based investigations, class discussions, projects, and research.

COURSE TITLE:	<u>Biology</u>	ELECTIVE
PREREQUISITE:	None (Recommended Earth and Space Sci)	GRADES: 9, 10
ALL YEAR		CREDIT: 1.00
DAILY		

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/plant structure and function, genetics, DNA, 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:	<u>PLTW Biomedical Science</u>	ELECTIVE
PREREQUISITE:	Biology	GRADES: 10, 11, 12
DAILY		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: 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.

COURSE TITLE:	<u>Anatomy and Physiology</u>	ELECTIVE
PREREQUISITE:	Biology	GRADES: 10, 11, 12
ALL YEAR		CREDIT: 1.00
DAILY		

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 the instructor consents.

Recommended: set of 10-12 colored pencils.

COURSE TITLE:	<u>PLTW Human Body Systems</u>	ELECTIVE
PREREQUISITE:	PLTW Principles of Biomedical Science	GRADES: 11, 12
ALL YEAR		CREDIT: 1.00
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: 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.

\$100 Lab Fee.

COURSE TITLE:	<u>Chemistry</u>	ELECTIVE	
PREREQUISITE:	Biology (Alg. 2 recommended)	GRADES:	10, 11, 12
ALL YEAR		CREDIT:	1.00
DAILY			

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. It is highly recommended that students enroll in this course after completing Algebra 2. *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:	<u>Physics</u>	ELECTIVE	
PREREQUISITE:	B or better in Geometry or instructor approval	GRADES:	10, 11, 12
ALL YEAR		CREDIT:	1.00
DAILY			

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:	<u>AP Biology</u>	ELECTIVE	
PREREQUISITE:	Biology (B or better), Chemistry Recommended for qualified AP students	GRADES:	11, 12
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 \$96 - scholarships available)

COURSE TITLE:	<u>AP Chemistry</u>	ELECTIVE	
PREREQUISITE:	Chemistry and Algebra 2 Recommended for qualified AP students	GRADES:	10, 11, 12
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.

AP Exam (fee around \$96 - 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.

COURSE TITLE:	<u>Core Science (Inactive)</u>	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:	<u>PLTW Introduction to Engineering Design (INACTIVE)</u>	ELECTIVE
PREREQUISITE:	Algebra 1	GRADES: 9, 10, 11, 12
ALL YEAR		CREDIT: 1.00
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 3 Kirkwood College Credits. How the credit works: *When a student registers, they are registered under a EGT section at Kirkwood. If they receive a 6 or higher on the End of Course assessment, Kirkwood will convert their credit to an EGR section. The EGT section for those students will go away. The difference between EGR and EGT is that EGR is considered engineering credit. Depending on the university and the engineering program, it may go in as a one for one class, or it typically goes in as an engineering elective. The EGT section will still count as an elective at a university (at least in Iowa) – just not an engineering elective. The EGT sections will all go into one of Kirkwood's technical programs, but if a student doesn't go into one of those programs, the credit will work as any other elective.*

Possible Science Course Sequences

Basic Requirement: Earth & Space Science + 2 years

9	10	11	12
Earth & Space Science	Biology	Chemistry	Physics
Earth & Space Science	Biology	Chemistry and Anatomy & Physiology	AP Biology
Earth & Space Science & Biology	Chemistry	Anatomy & Physiology	Physics
Earth & Space Science & Biology	Chemistry and PLTW Biomedical Science	Anatomy and PLTW Human Body Systems	AP Biology
Earth & Space Science & 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 and/or Physics for college entry. This is not an all-inclusive list of science course sequence possibilities.

Social Studies Department

COURSE TITLE:	<u>Contemporary Global Studies</u>	REQUIRED
PREREQUISITE:	None	GRADES: 7
ALL YEAR		CREDIT: 1.00
DAILY		

COURSE DESCRIPTION: In the seventh-grade Contemporary Global Studies course, students will explore global perspectives on contemporary issues and worldwide interdependence. Students will also examine challenges facing the world community such as hunger, population, conflict, global environmental challenges, human rights, poverty, energy scarcity, global health, education, immigration, globalization, and other political, economic, social, and ecological concerns. Through this study, students will become well-educated about current worldwide issues to cultivate diplomacy and effective citizenship.

COURSE TITLE:	<u>American History 8</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 8th 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: 9-12
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 21st 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>AP World History: Modern</u>	ELECTIVE/Required if in place of World History
PREREQUISITE:	None	GRADES: 9-12 (9th only by placement)
ALL YEAR		CREDIT: 1.00
DAILY		

COURSE DESCRIPTION: AP World History: Modern is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.
Required: AP Exam (fee around \$96 - scholarships available)

COURSE TITLE:	<u>United States History</u>	REQUIRED
PREREQUISITE:	None	GRADES: 10,11
ALL YEAR		CREDIT: 1.00
DAILY		

COURSE DESCRIPTION: History is not just opinion, it is interpretation grounded in evidence. Beginning with an initial review of 18th and 19th century American history this course will place major emphasis on 20th century America. Students will be actively doing what historians do. Primary source analysis and writing using supporting evidence will be stressed. 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. "Do not be afraid to be the saints of the new millennium." - St. Pope John Paul II

COURSE TITLE:	<u>AP US History</u>	ELECTIVE
PREREQUISITE:	Instructor's permission	GRADE: 10,11, 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 \$96 - scholarships available)

COURSE TITLE:	<u>American Government</u>	REQUIRED	
PREREQUISITE:	None	GRADES:	11,12
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 the 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:	<u>AP U.S. Government and Politics</u>	ELECTIVE	
PREREQUISITE:	U.S. History Recommended for qualified AP students	GRADES:	11,12
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.

AP Exam (fee around \$96 - scholarships available)

COURSE TITLE:	<u>Economics</u>	REQUIRED	
PREREQUISITE:	None	GRADES:	11,12
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:	<u>Psychology</u>	REQUIRED
PREREQUISITE:	None	GRADE: 11
YEAR		CREDIT: .50
ALTERNATE DAY		

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:	<u>Abnormal Psychology</u>	ELECTIVE
PREREQUISITE:	None	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.

COURSE TITLE:	<u>AP Psychology</u>	ELECTIVE
PREREQUISITE:	Recommendation but not required: Psychology	GRADES: 10-12
SEMESTER		CREDIT: .50
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. Students enrolling in AP Psychology are required to take the AP Psychology exam in May and may receive college credit through their performance on the exam.

Required: AP Exam (fee around \$96 - scholarships available)

COURSE TITLE:	<u>Sociology</u>	ELECTIVE
PREREQUISITE:	None	GRADES: 9-12
SEMESTER		CREDIT: .50

COURSE DESCRIPTION:

COURSE TITLE:	<u>AP Macroeconomics Online</u>	ELECTIVE	
PREREQUISITE:	Algebra II (or Math Analysis) Recommended for qualified AP students	GRADES:	11, 12
SEMESTER		CREDIT:	.50
DAILY			

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. Online Classes Fee Applies (Approximately \$125 per class) if Iowa Online AP Academy Scholarship is not 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. AP Exam (fee around \$96 - scholarships available)

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. Online Classes Fee Applies (Approximately \$125 per class) If Iowa Online AP Academy Scholarship is not available. AP Exam (fee around \$96 - 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.

COURSE TITLE:	<u>Via de Cristo</u>	REQUIRED
ALL YEAR		GRADES: 7 and 8
DAILY		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, Church History 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:	<u>Theology 9</u>	REQUIRED
ALL YEAR		GRADE: 9
DAILY		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. Topics include: Judaism, Jesus, the Church, Scripture, Tradition, Sacraments, Liturgical Year, Spirituality, Prayer and Christian Morality.

COURSE TITLE:	<u>Theology 10</u>	REQUIRED
ALL YEAR		GRADE: 10
DAILY		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.

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.

COURSE TITLE:	<u>Theology 11 (Formerly Morality)</u>	REQUIRED	
ALL YEAR		GRADES:	11
DAILY		CREDIT:	1.00

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

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 different vocations including Marriage, Holy Orders, and Laity, how to recognize possibilities for their future vocation and what they can do to become successful with these vocations.

COURSE TITLE:	<u>Theology 12 (formerly History & Justice)</u>	REQUIRED	
ALL YEAR		GRADES:	12
DAILY		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 the development of Catholic Social Teaching. Students look at what it means to be a socially conscious Catholic in today's world. Topics reflect current world affairs and may include the following topics: war, immigration, life issues (abortion, death penalty, stem cells), racism, poverty, genocide, discrimination.

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 greetings and introductions, numbers, days of the week, weather, school, interests, food, and describing themselves and others 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. The current text is Avancemos (level I) published by Houghton-Mifflin.

COURSE TITLE:	<u>Spanish II</u>	ELECTIVE	
PREREQUISITE:	Grade of C or better in Spanish I	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 text is Avancemos (level 2) published by Houghton-Mifflin.

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

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 Spanish-speaking culture. Students are encouraged to use Spanish as much as possible and the majority of instruction is in Spanish. The current text is Avancemos (level 3- 1st half) published by Houghton-Mifflin.

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

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 (2nd half, units 4-6)

COURSE TITLE:	<u>LATIN</u>	ELECTIVE	
PREREQUISITE:	Spanish 4 or with permission	GRADES:	11-12
YEAR		CREDIT:	1.00

COURSE DESCRIPTION: This class introduces students to Classical Latin, the language of the ancient Romans. The primary goal of this course is to study prayers in Latin (Ave Maria, Pater Noster, Agnus Dei, Etc.) and to develop the ability to read Classical Latin. Students will be introduced to basic Latin roots that promote deeper knowledge of English vocabulary. Students will use a variety of texts provided by the teacher. Students will study Bioscientific and Legal terminologies. This class will make strong connections between Latin and English grammar and vocabulary. If you have ever felt curious about Latin studies, this class is for you!

COURSE TITLE:	<u>AP Spanish Language Online</u>	ELECTIVE	
PREREQUISITE:	Completion of Spanish IV with a C average	GRADES:	10-12
ALL YEAR DAILY		CREDIT:	1.00

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.

AP Exam (fee around \$96 - 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.

Other Languages: If your student would like to explore options for other world languages, please contact Mr. Foley for other online options.

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 support 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 these different platforms:

- 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.

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. 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.

Apex Learning assembles experienced educational teams to develop a curriculum that is based on state and national content standards. With integrated assessment opportunities, learning support, and Regina's commitment to find qualified teacher mentors to augment the curriculum, this program benefits students who enroll. Fees vary from year to year, based on the cost from APEX. Regina strives to keep the fee to a minimum, typically about \$ 75 per semester per class. These classes are only available by permission only if the traditional classroom course is unavailable and if there is a qualifying Regina staff to mentor the student. Students planning to take AP courses are still required to take the AP exam and will be assessed the AP exam fee (around \$96). Scholarships are available. For full course descriptions, visit <http://www.apexlearning.com/courses>

APEX Online Through Iowa Online AP Academy (IOAPA)

Each year, the University of Iowa Belin Blank Center provides a limited number of AP courses online to Regina at no cost. 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 \$96). Scholarships are available. Interested students in taking these courses should talk with a Regina School Counselor or Administration to sign up. The APEX IOAPA courses are indicated below with a “~” mark.

Courses offered through APEX Online for 2022-2023

<p><u>Electives/Career & 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 & Finance Intro to Business & Marketing Intermediate Business & Marketing Intro to Business and Technology Legal Environment of Business Human Resources Principles Probability & Statistics</p>	<p><u>English:</u> Creative Writing Media Literacy AP Literature & Composition AP Language & Composition</p>	<p><u>Social Studies:</u> Multicultural Studies Sociology Psychology Geography & 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~</p>	<p><u>Mathematics:</u> Liberal Arts Math Probability and Statistics AP Statistics~ AP Calculus AB Bridge Math</p>

~ 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 or with special permission.

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

Post-Secondary Enrollment Option Act and Senior Year Plus

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. Iowa law requires students, instructors, and institutions to meet certain criteria to be eligible to participate in Senior Year Plus programming. Tuition and books are paid by the Iowa City Community School district (ICCS), through the Post-Secondary Enrollment Option (PSEO) Act, if the course is approved. 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. The college transcripts can be requested from the college's Office of the Registrar. It must be understood these are no longer considered secondary educational classes--students taking post-secondary classes are beginning a college transcript. Transportation costs and incidental fees must be paid by the student.

In order to take a college course at the University of Iowa, students must maintain at or above a cumulative GPA of 3.5. The University of Iowa may require an ACT test or other placement tests to be admitted. Students must see the high school 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. **Students will be given Regina graduation credit for the class when proof of completion is provided by the educational agency. 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 high school transcript, but will not be considered in the computation of the student's grade point average:

- Post Secondary Educational, Academy or Alternate Concurrent 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.

Student Internships through Workplace Learning Connection

- Available for students in grades 11 and 12. Fall, Spring, or Summer
- Internship credit awarded per semester: .25 for a 45 hour placement or .50 credit for a 60 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. 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. Students will work either 45 hours or 60 hours for an internship in a work situation of their choice. 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

Kirkwood Alternative Concurrent Courses

Students have the opportunity to take Kirkwood courses off campus or online through Kirkwood's Alternative Concurrent course offerings. These courses are a part of the Senior Year Plus Legislation that provides these courses for no cost during the school year. Here are the initial steps to enroll.

1. To apply, go to <https://www.kirkwood.edu/hscreditapply>

Students should apply as a non-degree seeking high school student and enter the starting semester as the semester of the course for which they plan to enroll. When not available, pick the latest semester option. Check your email for instructions to get your k-number (Subject Line: "Your Next Steps"); please note, it may take up to four hours for the email to arrive.

- Activate your Kirkwood K# and password at www.kirkwood.edu/setup.

2. To search for classes and sections, go to www.kirkwood.dualenroll.com.

- Login with your k-number & password.

- Read & fill out initial entry screens.

- Select the correct year and term (ie. *2022 FA Alternative Credit*)

- Search for courses using the filters on the left side, such as Term, Location, Course keyword, etc.

- Choose courses that you would like to take and click the register button next to the correct section.

- Your counselor will have to approve your choices in order to be registered, followed by Iowa City School's administration approval.

- Once registered, please review your schedule at www.kirkwood.edu/myhub.

3. Questions can be directed to the Regina School Counselor or to a Kirkwood Advisor at the Kirkwood Regional Center at the University of Iowa. Call 319-358-3100 and ask to meet with Hailey Hebl or Jon Weih.

5. Complete any necessary paperwork and return to Regina Student Services no later than the posted deadline.

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 transferable credit they can take with them to a college or university.

Instructions for Academy Courses for Fall 2022

1. Meet with your school counselor to review your four-year plan and determine that you are on the right track for high school graduation and college credit requirements. Review Kirkwood Programs of Study for the Kirkwood Regional Center at the University of Iowa.
2. Apply to Kirkwood Community College at www.kirkwood.edu/hscreditapply. Once you receive your welcome letter, follow the directions to activate your k-number at www.kirkwood.edu/setup.
3. Talk with your school counselor. Get the correct paperwork from Regina Student Services to dual enroll with Iowa City Schools for payment purposes and to gain approval.
4. Schedule an advising appointment with the Kirkwood Student and Academic Support Coordinator. Choose one of these links:
<https://calendly.com/katie-anderson-3/high-school-dual-credit-advising>
<https://calendly.com/jon-weih>
5. Before meeting with Kirkwood representatives, go to this link and complete this form:
www.kirkwood.edu/interestinventory.
6. Registration opens February 2022. Register for your courses at www.kirkwood.dualenroll.com using your K# and password. Select Academies at your Regional Center for the 2022-2023 term.
5. Attend required orientation—some are online and some are in-person meetings.
6. Complete all paperwork requested by Kirkwood staff and needed assessment/placement tests
7. Confirm with your school counselor that you will be attending an academy in the fall.

Kirkwood Academies for 2022-2023

<ul style="list-style-type: none"> - Administrative and Project Management - Advanced Manufacturing with Robotics & Welding - Agriculture Science - Architecture, Const. & Engineer (ACE) - Automotive Collision Repair & Restoration - Automotive Technology - Criminal Justice - Dental - Digital Arts, Social Media and Marketing - Education 	<ul style="list-style-type: none"> - Emergency Medical Technician & Fire Science - Medical Laboratory Technician - Patient Care (Nurse Aide) - Pre-Med, Nursing and Professional Health Careers - Technology <p>*In addition, Kirkwood offers “Pick and Choose” Liberal Arts Classes. Review Kirkwood’s <i>Programs of Study for the Kirkwood Regional Center at the University of Iowa</i> for the full list of class options.</p>
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Want to take a course at The University of Iowa?

1. **Discuss your plans with your high school guidance 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 Non-degree Students still in high school. Students usually need a 3.5 high school GPA.
 - Ask your high school counselor to email your transcript to Ann Kunkel <ann-kunkel@uiowa.edu> in the Admissions Office.
3. **Call the Academic Advising Center 353-5700 as soon as possible.**
 - 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 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 March 1.
 - 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 on zoom between February 1 and March 23 (for Fall entry) or between October 1 and October 25 (for Spring entry).**
7. **Prepare to become a University of Iowa student.**
 - Obtain a University of Iowa Student ID. (Find info at Admissions Profile)
 - The University lends textbooks to PSEO students.
 - 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!

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!

Regina Four Year Planning Examples

While every student's schedule is as unique as they are, below illustrates several possible scenarios to make the most of their high school courses selection, while meeting the requirements for a Regina High School Diploma.

“Essentials” Schedule (College Entrance still likely)

<i>Freshman Year</i>	<i>Sophomore Year</i>	<i>Junior Year</i>	<i>Senior Year</i>
Theology 9 English 9 World History Earth & Space Science Algebra 1 P.E. / Health Elective Study Hall/Elective	Theology 10 English 10 Biology Geometry P.E. / Personal Finance Elective Study Hall/Elective Fine Art Requirement	Theology 11 English 11 U.S. History Chemistry Algebra 2 P.E. / Psychology Study Hall/Elective Elective	Theology 12 English 12 Government Economics P.E. / Sr. Seminar Study Hall/Elective Elective Elective Elective

Typical “College Prep” Schedule

<i>Freshman Year</i>	<i>Sophomore Year</i>	<i>Junior Year</i>	<i>Senior Year</i>
Theology 9 English 9 World History Earth & Space Science Algebra 1 P.E. / Health Spanish 1/2 Study Hall/Elective	Theology 10 English 10 Biology Geometry P.E. / Personal Finance Spanish 2/3 Study Hall/Elective Elective (possibly Fine Art Requirement)	Theology 11 English 11 U.S. History Chemistry Algebra 2 P.E. / Psychology Study Hall/Elective Spanish 3/4	Theology 12 English 12 Government/Economics P.E. / Sr. Seminar Study Hall/Elective Elective (Spanish 4) Additional Math Additional Science

Possible “College Prep” Schedule (Science Interest)

<i>Freshman Year</i>	<i>Sophomore Year</i>	<i>Junior Year</i>	<i>Senior Year</i>
Theology 9 English 9 World History Earth & Space Science Algebra 1 P.E. / Health Spanish 1/2 Biology	Theology 10 English 10 Chemistry Science Elective Geometry P.E. / Personal Finance Spanish 2/3 Elective (possibly Fine Art Requirement)	Theology 11 English 11 U.S. History Physics Science Elective Algebra 2 P.E. / Psychology Spanish 3/4	Theology 12 English 12 Government/Economics P.E. / Sr. Seminar Science Elective Science Elective Elective (Spanish 4) Additional Math

Possible “College Prep” Schedule (Music Interest)

<i>Freshman Year</i>	<i>Sophomore Year</i>	<i>Junior Year</i>	<i>Senior Year</i>
Theology 9 English 9 World History Earth & Space Science Algebra 1 P.E. / Health Spanish 1/2 Music	Theology 10 English 10 Biology Geometry P.E. / Personal Finance Spanish 2/3 Music Elective	Theology 11 English 11 U.S. History Chemistry Algebra 2 P.E. / Psychology Music Spanish 3/4	Theology 12 English 12 Government/Economics P.E. / Sr. Seminar Music Elective (Spanish 4) Additional Math Additional Science

Possible “College Prep” Schedule (Art Interest)

<i>Freshman Year</i>	<i>Sophomore Year</i>	<i>Junior Year</i>	<i>Senior Year</i>
Theology 9 English 9 World History Earth & Space Science Algebra 1 P.E. / Health Spanish 1/2 Art 1/2	Theology 10 English 10 Biology Geometry P.E. / Personal Finance Spanish 2/3 3-D Forms/Photography Elective	Theology 11 English 11 U.S. History Chemistry Algebra 2 P.E. / Psychology Digital Imaging/ Illustrator Spanish 3/4	Theology 12 English 12 Government/Economics P.E. / Sr. Seminar AP Art Elective (Spanish 4) Additional Math Additional Science

Possible “College Prep” Schedule with AP

<i>Freshman Year</i>	<i>Sophomore Year</i>	<i>Junior Year</i>	<i>Senior Year</i>
Theology 9 English 9 AP World History Earth & Space Science Algebra 2 P.E. / Health Spanish 2 Biology	Theology 10 English 10 Chemistry Honors Pre-Calculus P.E. / Personal Finance Spanish 3 Biomedical Science AP U.S. History	Theology 11 AP English Language AP Calculus AB P.E. / AP Psychology Spanish 4 AP Biology Art 1 & Art 2 Physics	Theology 12 AP English Literature AP Government/ AP Economics AP Chemistry P.E. / Sr. Seminar AP Calculus BC or Stats AP Art or AP Spanish

Possible “College Prep” Schedule (Kirkwood Academy Interest)

<i>Freshman Year</i>	<i>Sophomore Year</i>	<i>Junior Year</i>	<i>Senior Year</i>
Theology 9 English 9 World History Earth & Space Science Geometry P.E. / Health Spanish 2 Elective	Theology 10 English 10 U.S. History Biology Algebra 2 P.E. / Personal Finance Spanish 3 Elective (possibly Fine Art Requirement)	Theology 11 AP English Language Government/Economics Chemistry Pre-Calculus P.E. / Psychology Spanish 4 Elective	Theology 12 AP English Lit./ Comp. 1/2 P.E. / Sr. Seminar Additional Math Additional Science Elective Kirkwood Academy