Welcome to the Iowa City Community School District!

We are child-centered and future-focused.

We believe each child is unique and it is our responsibility to provide the best education possible in an environment that is challenging, yet caring and inviting.
When people think about our schools, words like traditional and established come to mind, but also responsive, innovative, creative, and progressive. For over one hundred years, the Iowa City Community School District has been the instructional leader in eastern Iowa, across the state, and throughout the nation.

The District’s comprehensive high schools recognize academic excellence. These high schools consistently rank at the top in Iowa for the number of National Merit Scholars. Our graduates earn ACT and SAT scores that are consistently higher than the national averages and our schools boast graduation rates that remain higher than state and national norms.

Numerous opportunities are provided for our ninth through twelfth grade students to achieve success. Our high schools offer comprehensive instructional programs that meet the diverse educational needs of young adults. Course offerings prepare students for the future, whether they pursue vocational training, attend a technical college or a university, join the military, or move into the world of work. Our students have the opportunity to build their own educational plans through the use of individual learning plans, which help our students and parents select appropriate courses to support the exploration of various career opportunities. Project Lead The Way and numerous Advanced Placement courses give students a tremendous advantage in pursuing their collegiate level education and in-demand career fields. Career academies and concurrent college credit courses are offered through a strong partnership with Kirkwood Community College.

In addition, students have the opportunity to enroll directly in college courses through the Post-Secondary Enrollment Option (PSEO). Students have access to comprehensive career centers that help them explore and determine their path to the future. Access to a full range of technologies, apprenticeships, and community business partnerships keeps our high school programs dynamic learning environments. A wide choice of championship and award-winning athletic and extra-curricular offerings provides our students an arena in which they can build upon the values of teamwork, self-esteem, and perseverance.
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General Information

Registration Guidelines
A FOUR YEAR PLAN OF STUDY is available for use in the Program of Studies.

As a 1st Step, students must give serious consideration to completing the FOUR YEAR PLAN of STUDY. This will help to insure that students have a well-planned high school education that will lend itself to post high school plans. This FOUR YEAR PLAN of STUDY may be updated on a yearly basis as appropriate in consultation with a guidance counselor.

As a 2nd step, students must carefully read the Program of Studies paying particular attention to graduation requirements, college entrance requirements (2 and 4 year program), course descriptions, and prerequisites.

As a 3rd step, students should work closely with their guidance counselors to clarify questions and seek advice to complete the FOUR YEAR PLAN of STUDY. Counselors are also available to assist with questions regarding college entrance requirements and with Job Shadowing experiences.

Specific Requirements
1. A maximum of 15 credits of any combination of journalism, speech, and communication studies can be applied to fulfill the 60 credits of required English courses.

2. The social studies requirement includes one year of American Studies, one year of World History, two trimesters of government, and one trimester of economics.

3. The physical education requirement requires the student to be registered in PE for one trimester of each year of attendance. Seniors who participate in an athletic sport during the school year may request a waiver from participating in a physical education class. In addition, any student who takes seven classes all three trimesters may request a PE waiver. The requirement may also be waived for those students with a doctor’s medical excuse filed in the Health Office. This waiver must be filed annually.

4. Students must be registered in health for one trimester unless a parent waiver request is approved.

College Entrance Requirements
Students are strongly urged to work closely with their Guidance Counselor regarding college entrance requirements and completing their FOUR YEAR PLAN. A copy of the Iowa’s Regents Universities’ admission requirements is included as a guideline and should be used early on for general planning purposes. In order to be best prepared for the future, students need to get specific information from a variety of schools and/or post high school programs. Not all courses listed in the Program of Studies meet college and/or NCAA admission requirements.

Academic Eligibility
In order to participate in any high school performance and or to be eligible to participate in a sport or competitive activity, a student must have passed all courses the trimester prior to participation, and must be enrolled in four subjects (Excluding Driver’s Education). A special education student, who is making adequate progress in meeting goals and objectives on the individualized education plan, as assessed by the teacher, will be academically eligible. (Admin. Reg. 503.4c)

Alternative High School
Students at risk of withdrawing from high school or those far behind in credits may be considered for a referral to Elizabeth Tate High School, the district’s alternative high school. The alternative high school’s classes may not be used to accelerate the date of graduation.

Early Graduation
Early graduation is not encouraged because it generally provides only a minimum program; however, there are circumstances under which it is possible. Arrangements for early graduation should be made through the guidance office during the previous term of the proposed year of graduation. Written application must be made to the student’s counselor, stating reasons for the request. No credit other than from regular high school courses may be used for early graduation.

Recovery Program
If students are behind in credits, they may elect to take courses through the ICCSD summer school or school-year credit recovery program (Edgenuity). The equivalent of 45 course credits* from recovery credit programs may be applied toward an ICCSD diploma. Students must request a written approval form from their counselor prior to enrolling in each course.

*N: Note: These courses may not be substituted for specific ICCSD High School courses required for graduation without approval from an administrator.

NCAA & NAIA Eligibility
Student-athletes interested in Division I or II collegiate athletics should go online to www.eligibilitycenter.org for a copy of the booklet NCAA Guidance for the College Bound Student Athlete. This booklet lists all academic, athletic and scholarship requirements and allows student athletes to set up accounts with the NCAA for registration purposes.

Student-Athletes interested in playing NAIA sports should go online to www.playNAIA.org for information about NAIA academic and athletic requirements and registration. Students may see their counselor for additional assistance.

FAFSA Information
The FAFSA (Free Application for Federal Student Aid) is a free federally-required form for students seeking financial aid for college. This form should be filed after October 1 and prior to June 30th each year (some colleges and states have earlier deadlines). The FAFSA can be filed online at www.fafsa.gov; there is no charge to complete and submit the FAFSA.

Students and families may receive assistance with the FAFSA and Financial Aid process from their counselors.

Fee Waiver Policy
Students whose families meet the income guidelines for free and reduced lunch, the Family Investment Program (FIP), Supple-
General Information

mental Social Security Income (SSI), transportation assistance under open enrollment, or who are in foster care or are legally defined as homeless are eligible to have their student fees waived or partially waived. Forms are available in the Main Office.

Course Load

All students are required to take a minimum of five courses each trimester. Ninth and tenth graders will be assigned to study hall when not in a class. Juniors may have one open period each trimester. Seniors may have up to two open periods each trimester. Students are required to demonstrate a minimum level of proficiency prior to enrolling in advanced level courses. Students should not enroll in more than two courses from the same curricular area in any given trimester.

A combined total of 60 credits from post-secondary option courses, Edgenuity credit recovery courses, Independent Study and/or Summer School (students are limited to a maximum of 2 courses per summer in summer school) may be applied toward graduation requirements.

Grade Progression

To ensure students are progressing toward graduation students who do not complete required courses and accumulate less than a minimum number of credits by the end of the school year will not be promoted to the next grade level. The grade classification follows:

- Freshman 0-78 credit hours
- Sophomore 79-155 credit hours
- Junior 156-232 credit hours
- Seniors 232-310 credit hours

Second Grade Options

A student who passes a course may not repeat that course for credit unless stated in the course description and then only with instructor approval.

Criteria for Retaking a Course

1. Students may re-enroll in a course in which they received a “C” or lower grade.
2. Student will not earn additional credit for completing the course a second time—no double credit.
3. The second grade earned will appear on transcripts, replacing the previous grade.
4. The student must comply with the behavioral, academic, and attendance expectations of the course.
5. Students cannot request second grade option in an area where they have already completed more advanced level work.

Level Changes

1. All level change requests must be made by the 15th day of each trimester or at the trimester break. All requests made after this time must have administrative approval.
2. The request to change will reflect input from the guidance counselor, course instructor, and must have parent approval.
3. The student will be moved to a section meeting at the same period as the course dropped unless this section is filled or there is no section at that time. Capacity levels of classes will not be exceeded to grant the request.
4. The student’s grade-in-progress will be transferred to the new class.

Guidelines for Schedule Adjustments

Because students are responsible for accepting the course of study for which they register, they must plan very deliberately, always keeping in mind individual interests and post high school plans. Any adjustments following the initial Course Selection Process in January are limited and will be based only on the following reasons:

1. Computer error or imbalance of course sections.
2. Failure in a class that is a pre-requisite.
3. Teacher recommendation and/or request because of inappropriate level placement.
4. Unavailability of a class.
5. Class schedule that fails to meet minimum load requirements.

Requests for reasons other than those listed above are limited to extenuating circumstances and must have parent/guardian approval. Requests that would result in an imbalance in the section numbers of a course will NOT be approved.

A request may be made during the posted adjustment period.

Students wanting to add, drop or adjust their schedule must pick up a Schedule Adjustment Request form from the Guidance Office and make an appointment to see their counselor.

Requests for teacher change will not be granted except under extenuating circumstances. A teacher change form will need to be completed and turned in to the guidance office. All requests will be reviewed by the Principal and will require a parent contact.

Withdrawal from a Course

Students are encouraged to complete the courses they start; however, in the event a student wishes to withdraw from a course, the following guidelines will be used.

Day 1–15: Students may withdraw from a course. No notation will appear on transcript.

Day 16 to three days after Parent/Teacher conferences: Student may withdraw from course with parent permission. The transcript will reflect a “W” (withdrawn).

Three days after Parent/Teacher conferences to End of Trimester: A student may withdraw from the course with parent permission. The transcript will reflect an “F” (failing) grade.

Any student who makes a request to drop a course must have prior approval from his/her teacher, counselor, and parent/guardian.

In order to participate in any high school performance and or to be eligible to participate in a sport or competitive activity, a student must have passed all courses, the trimester prior to participation, and must be enrolled in four subjects (excluding Driver’s Education). A special education student, who is making adequate progress in meeting goals and objectives on the individualized education plan, as assessed by the teacher, will be academically eligible.

Special Education

Special programs are offered to meet the needs of students with Individual Education Plans and include the full continuum of supports and services. Participation requires referral and staffing procedures. Specific supports and service are determined with input from the parents, student, guidance counselor, and case manager.
General Information

Gifted Education
The Extended Learning Program (ELP) serves gifted and high ability students. The focus of ELP at the high school level is on guidance and counseling, particularly post-secondary preparation. ELP guidance and counseling is designed to supplement general education counseling for students with academic performance and needs beyond regular counseling and education services. Eligibility is determined through the evaluation of multiple criteria including objective and subjective data. The program involves a series of targeted, deliberate and proactive services within the Guidance Office that will be conducted during the school day by an Extended Learning Program counselor. Students may also participate in Advanced Placement and Honors level classes as well as exceptional extra-curricular options.

POST-SECONDARY ENROLLMENT OPTIONS (PSEO)
ICCSD High School students have the opportunity to take approved courses at the University of Iowa and Kirkwood Community College under the state’s Post-Secondary Enrollment Options Act. Tuition will be paid by the district. Students should contact the guidance office regarding the state guidelines and specific requirements.

Through this program the district is able to provide a wider variety of options including courses in mathematics, science, social studies, humanities, and vocational technical education. Students who successfully complete college courses may earn both high school and college credit.*

*Note: The grade earned in each completed course becomes part of the student’s cumulative GPA at Iowa or Kirkwood. Students will receive high school credit but the grade will not be a part of the student’s high school GPA.

Dual Credit Options
The Dual Credit Program gives motivated, eligible high school students the opportunity to get a “jump start” on college by earning college credit* before attending on a full-time basis. Options include Post-Secondary Enrollment Options (PSEO), courses at Kirkwood Regional Center, Project Lead The Way® (PLTW) and AP courses.

A course assessment or final exam may be required to receive college credit.

Kirkwood Regional Center
The Kirkwood Regional Center at the University of Iowa (Oakdale campus) offers juniors and seniors from all Johnson county school districts the chance to earn both college and high school credit in career academies in a state-of-the-art new facility. Student may choose from 20 different career academies that provide a head start to post-secondary education or lead directly to a post-high school career. In addition to academies, also available are college and high school “companion” courses. E.g. the STEM Innovator course partners students with business mentors and teachers in a project-based, non-traditional to develop real products and community services.

Transportation to and from the regional center from each high school is available. For more information about the Kirkwood Regional Center at the University of Iowa, please go to: http://www.kirkwood.edu/johnsonregional or speak with your guidance counselor.

Project Lead the Way® (PLTW)
PLTW Pathway to Engineering (PTE) program is a sequence of courses, which follows a proven hands-on, real-world problem-solving approach to learning. Students learn and apply the design process, acquire strong teamwork and communication skills and develop organizational, critical-thinking, and problem-solving skills. They explore aerodynamics, mechanics and space life sciences. Students apply biological and engineering concepts related to biomechanics. They design, test and actually construct circuits and devices such as smart phones and tablets.

Students who enroll in any of the PLTW courses will receive high school credit and college credit from Kirkwood. The grade earned in this course will be reflected on the student’s official Kirkwood transcript. In addition, students who average 85% through all three trimesters and pass the final exam at 70% may be eligible to receive college credit at selected four year colleges and universities.

More information about specific offerings can be found in the Project Lead the Way course listings.

Advanced Placement
AP provides an academically challenging curriculum that allows students to take college-level courses while still in high school. For each AP course, an AP Exam is administered in May at participating schools worldwide. High school students may choose to take the AP exams in specific subjects such as English, foreign language, chemistry, history, calculus, psychology, biology, economics, computer science, environmental sciences, and fine arts. With the exception of AP Studio Art, which is a portfolio assessment, each AP exam contains a free response section (either essay or problem solving) and a section of multiple choice questions. The modern language exams also have a speaking component, and the AP Music Theory Exam includes a sight singing task.

Colleges and universities use the AP results to determine college preparedness, student motivation, and placement. Students have the opportunity to earn credit or advanced standing at many of the nation’s colleges and universities. A fee is required to take the AP exam which is administered in May. Please refer to the College Board website at www.collegeboard.com/student/testing/ap/about.html for further information.

Workplace Learning Connection
The Workplace Learning Connection in collaboration with Kirkwood Community College and the Iowa City Community School District partners with local employers to offer a unique opportunity for work-based learning. Students may select career specific internship or practicum experiences. Upon completion of the on-site hours, career skill development hours, and additional requirements, students MAY receive elective high school credit- 5 credits for a 45-hour Internship I and 10 credits for a 90-hour Internship II/Practicum I. This will be noted on the transcript with a Pass or No Pass and will not be included in the GPA. Sessions are available for the summer, fall, and spring. Additional information is available at http://www.workplace-learning.org. Students should consult with their counselor to coordinate this experience.
Graduation Requirements

Most ICCSD students graduate with more than 309 credits. This usually amounts to one elective course per trimester in 9th and 10th grades and two to three elective courses per trimester, in 11th and 12th grades. Students earn five credits per course per trimester for most courses. Students must have attended ICCSD for their final trimester of academic work in order to receive a diploma from ICCSD.

### COLLEGE BOUND RECOMMENDATIONS

#### 365 CREDITS

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<tr>
<th>Courses</th>
<th>College Bound Recommendations</th>
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<td>English</td>
<td>4 years</td>
<td>60 Credits</td>
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<tr>
<td>Social Studies</td>
<td>4 years</td>
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</tr>
<tr>
<td>Mathematics</td>
<td>4 years</td>
<td>60 Credits</td>
</tr>
<tr>
<td>Science</td>
<td>4 years</td>
<td>60 Credits</td>
</tr>
<tr>
<td>Physical Education</td>
<td>4 years</td>
<td>20 Credits</td>
</tr>
<tr>
<td>Health</td>
<td>1 trimester</td>
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<tr>
<td>Electives</td>
<td>4 years including World Language</td>
<td>100 Credits</td>
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### ICCSD DIPLOMA REQUIREMENTS

#### 310 CREDITS

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<td>60 Credits</td>
</tr>
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<td>Mathematics</td>
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<td>Science</td>
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<tr>
<td>Physical Education</td>
<td>4 years</td>
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<td>Health</td>
<td>1 trimester</td>
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<tr>
<td>Electives</td>
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### SPECIFIC REQUIREMENTS

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<tr>
<td>English 10</td>
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<tr>
<td>Year Long Literature Course</td>
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<tr>
<td>English 12</td>
<td>15 Credits (A Year Long Literature course, or three trimesters with at least one literature based and one writing based.)</td>
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<table>
<thead>
<tr>
<th>Mathematics</th>
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<td>Mathematics Electives</td>
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<th>Credits</th>
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<td>World History</td>
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<tr>
<td>Government I: Foundations and Principles</td>
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<tr>
<td>Government II: Institutions and Policies</td>
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</tr>
<tr>
<td>Economics</td>
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<tr>
<td><em>If Earth and Space Science is taken in 8th grade, an additional Science elective must be completed.</em></td>
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<table>
<thead>
<tr>
<th>Science</th>
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<tr>
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<tr>
<td>Biology</td>
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<td>Science Electives</td>
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<td>5 Credits per year</td>
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<tr>
<td>Health</td>
<td>5 Credits for one trimester</td>
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All students must earn a minimum of 310 credit hours to graduate from ICCSD. Minimum course load per trimester requirement is 5 courses.
## FOUR YEAR PLAN WORKSHEET

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**TOTAL CREDITS**

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**TOTAL CREDITS**

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*PE is required one trimester per school year and will be scheduled where it fits best. Students should not register for more than one PE course unless it is necessary to make-up a previously failed PE class.

**Health is a one trimester course that can be taken at any time during the student’s enrollment.

***Government I, Government II, and Economics may be taken during the junior or senior years.
Art

Art Forms
An opportunity to experiment and explore the visual arts through a variety of materials with an emphasis on studio production in both 2-D and 3-D forms. This foundation course is recommended for all students.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: None
LENGTH: 1 Trimester

Black and White Drawing
A course designed to help students understand basic concepts of drawing and improve their powers of observation. Students will work with various black and white media utilizing a variety of sources and environments.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: None
LENGTH: 1 Trimester

Exploring Color through Drawing
An opportunity to expand on the basic skills and concepts of drawing through the addition of color. Students will develop their skills in color media using oil pastel, conte’ crayon, printmaking, colored pencil and other materials.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: None
LENGTH: 1 Trimester

Expressive Drawing
An opportunity to focus on the personal interpretation and expressive qualities that contribute to the impact of images. Students will express themselves using cartooning, collage and alternative surfaces.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: None
LENGTH: 1 Trimester

Painting
An introductory class focusing on techniques in watercolor and acrylic through still life, figurative, abstract, personal narrative and imaginative vision paintings. Emphasis is placed on use of color and development of personal style.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: None
LENGTH: 1 Trimester

Ceramics 1
Students will thoroughly investigate the characteristics and uses of clay as they create functional pottery and sculptural forms. Construction techniques will include hand building methods and use of the potter’s wheel. A variety of surface decoration techniques and firing techniques will be explored.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: None
LENGTH: 1 Trimester

Ceramics 2 (West High)
A course designed for self-motivated students who wish to develop and build upon the skills covered in Ceramics 1. Students may choose to concentrate on handbuilding, throwing on the wheel, surface decoration, or other areas of particular interest as they work toward developing an individual style in their ceramics.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: Ceramics 1
LENGTH: 1 Trimester

Sculpture
Students will use a variety of materials and techniques, including plaster, papier-mache’, clay, found objects, cardboard, and wire. This course emphasizes craftsmanship, problem solving and personal expression.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: None
LENGTH: 1 Trimester

Metalworking and Jewelry (West High and Liberty High)
An introduction to basic metalsmithing and jewelry making techniques. Students will use silver soldering and cold joining techniques to create jewelry and small functional and sculptural projects. The “lost wax” casting process will be used to create rings, pendants, and other three dimensional pieces.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: None
LENGTH: 1 Trimester

Glass (City High)
Students will learn the basic techniques of stained glass, mosaic work and glass fusing. Students must be responsible enough to work with complicated tools and equipment. Creativity, craftsmanship, responsibility, and good production ethics will be the basis for evaluation in this class.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: None
LENGTH: 1 Trimester

Stained Glass (West & Liberty High)
An introduction to stained glass cutting and construction techniques. Emphasis will be placed on generating expressive designs and producing well-crafted stained glass projects. Supplies may be purchased from the art department.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: None
LENGTH: 1 Trimester

Digital Photography
Learn the techniques and art of photography. From shutter speed and apertures to understanding and applying the principles of design, this class will give you the tools to make great photographs. You will learn the process of fine art photography, photo journalism and how to take photos in a studio setting. Photoshop basics will be introduced for editing as well as more creative options.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: None
LENGTH: 1 Trimester

Advanced Photography (City High)
Students will build on skills learned in Digital Photography by creating and manipulating digital images. It is recommended that students have access to their own digital cameras, but can also use the school’s equipment. This course will have an added emphasis on lighting and creating a portfolio of digital images and prints. Independent growth and personal responsibility will be emphasized. Students buy their own photo paper.
GRADE LEVEL: 9-12
CATEGORY: Elective PREREQUISITE: Digital Photography and permission of instructor
LENGTH: 1 Trimester
Graphic Design (City High)
Students will use the computer and other technologies as an art tool to generate visual images. This course will give students an expanded view of the use of technology in the visual arts and how it can be used in the business world as well as the fine art world.
GRADE LEVEL: 10-12
CATEGORY: Elective
PREREQUISITE: None
LENGTH: 1 Trimester

Advanced Graphic Design (City High)
Students will use the computer and other available technologies to generate an electronic portfolio. Students will examine current industry examples to learn how to inform their work in the electronic format. Students will learn web design, animation and about the impact of electronic information and design in the 21st century.
GRADE LEVEL: 10-12
CATEGORY: Elective
PREREQUISITE: Graphic Design
LENGTH: 1 Trimester

Digital Imaging (West & Liberty High)
An in depth exploration of the program Adobe Photoshop for students considering a career in graphic design. Students will learn photo cropping, retouching and manipulation, creative and color management rules. This is a dual credit Kirkwood Community College course.
GRADE LEVEL: 10-12
CATEGORY: Elective
PREREQUISITE: None
LENGTH: 1 Trimester

Illustrator (West High)
A course intended for students interested in careers in graphic design. It will provide an exploration of Adobe Illustrator and its applications in graphic communication. This is a dual credit Kirkwood Community College course.
GRADE LEVEL: 10-12
CATEGORY: Elective
PREREQUISITE: None
LENGTH: 1 Trimester

Video Production 1
An introductory course on the operation of a video camera, and the editing of digital video. Instruction is focused on specific techniques to be used for desired effects of communication such as shot variety, use of angles, voice overs, sound production and storyline development.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: None
LENGTH: 1 Trimester

Video Production 2 (West High)
An opportunity to apply technical knowledge from Video Production 1 in the conception, writing, shooting and editing of longer projects in a workshop-style class.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: Video Production 1
LENGTH: 1 Trimester

AP Studio Art
This is a year-long college level course where students will choose to work on a portfolio in one of the following areas: Drawing, 2-D Design or 3-D Design. The Portfolios share a basic three-section structure which requires the student to show a fundamental competence and range of understanding in visual art concepts and methods. Open ended assignments will introduce a variety of concepts, approaches and media to help students complete the breadth portion of the portfolio. Students will be encouraged to experiment with techniques and ideas to bring his/her voice to a range of design problems. Students will work more independently to develop a body of work for the concentration section of their AP portfolio. Students may complete the final two trimesters of this course independently.
GRADE LEVEL: 11-12
CATEGORY: Elective
PREREQUISITE: 2 art classes or teacher approval
LENGTH: 1 Year

Business Education
Entrepreneurship
Is it a dream of yours to open your own business someday? Spark your entrepreneurial spirit by learning all the different aspects included and skills required to become a small business owner. Hands on activities including units on self-exploration, market analysis, finance management and social/ ethical responsibilities are covered. Each student will create a business plan for a potential business they might start. Entrepreneurs from the corridor area serve as weekly speakers to enhance the curriculum.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: None
LENGTH: 1 Trimester

Futures: Planning for Success (West & Liberty High)
What does the future entail for me? This class helps you begin thinking about the different ways you can answer this question. Students identify their own skills, aptitudes, likes and dislikes to help them explore different career options. In addition, an in depth study of different careers and the strategies needed to reach your goals are taught. Creation of a professional resume and interviewing skills also provide students with valuable job getting skills. Students will participate in a one-day job shadow experience sometime during the trimester.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: None
LENGTH: 1 Trimester

Computer Business Applications
In this course, students enhance their computer skills using Microsoft Office Software (Word, Excel, Access, Powerpoint, Publisher). Google Docs, Photo Story and Prezi are also business applications explored.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: None
LENGTH: 1 Trimester

Advanced Computer Business Applications
Students take what they have learned in Computer Business Applications and move beyond it with advanced applications in Microsoft Office. There will be comprehensive use of Flash (animation software) and web page design.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: Computer Business Applications
LENGTH: 1 Trimester

Marketing and Sales
Sell yourself and your business ideas in this global society by enrolling in this elective. Sales and marketing concepts are important to everyone. The skills you learn are used to
understand and promote individual and business ideas internationally. The class focuses on the psychology of consumer decision making, and deciphers each area of the marketing mix: place, product, price and promotion.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** None  
**LENGTH:** 1 Trimester

### Personal Finance
This course focuses on our society and the role that finance plays in it. Budgeting, banking, insurance and the many aspects of investing are covered in depth. This class will give you the foundation to make sound financial decisions.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** None  
**LENGTH:** 1 Trimester

### Introduction to Business
This course provides an introduction to the business world and an understanding of our economic environment. Units of study include business ethics, marketing, entrepreneurship, and the globalization of business. Students will also receive a comprehensive look at how different business structures operate within our economy.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** None  
**LENGTH:** 1 Trimester

### Accounting
This course provides students with an opportunity to learn the basic fundamentals of double-entry bookkeeping and serves as a background for those who wish to pursue a business career in college. Accounting elements, analyzing the effects of business transactions, journalizing, using special journals, posting, creating financial statements, understanding banking, creating payroll and making financial decisions for a business are topics included.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** None  
**LENGTH:** 1 Year

### Advanced Accounting
Students expand their knowledge of accounting principles concepts and terminology through the incorporation of partnerships, accounting for a corporation, departmentalized accounting and automated accounting. Practice sets will be utilized as well as an automated accounting system, Peachtree. Students will also be required to complete a job shadow with a professional in a chosen field of accounting.

**GRADE LEVEL:** 11-12  
**CATEGORY:** Elective  
**PREREQUISITE:** Accounting  
**LENGTH:** 1 Year

### Web Design (West High)
Students will be taught hypertext markup language principles used in creating well designed web pages. Students will also use JavaScript on an introductory level.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** None  
**LENGTH:** 1 Trimester

### Keyboarding (City High)
This is a beginning course for students who have previous typing experience or keyboarding instruction. Students learn the basic fundamentals of the alphabet and numeric keyboard. Much of the time will be spent drilling for speed and accuracy and developing proper technique.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** None  
**LENGTH:** 1 Trimester

### Sewing for a Cause
Students of any skill level can take this course. They will learn the fundamentals of sewing and will sew a specific item that can be donated to an organization. One example would be dresses for Haiti donated to the One Starfish organization. Other options may be available.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** None  
**LENGTH:** 1 Trimester
Students may need to provide fabric if donations do not cover the full amount needed.

**Foods 2**
Units in pies, pastry, beef, pork, cheese, milk, grains, pasta, legumes, eggs, and soup will be explored. Students will study, prepare, sample, and evaluate foods from the various units, as well as learn more about the purchase and use of small equipment. Students will also be responsible for demonstrating the preparation of a chosen food item.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** Foods 1  
**LENGTH:** 1 Trimester

**Housing and Interior Design 1**
Students will study the fundamentals of housing and explore a variety of careers in the housing field. They will create projects centered on bedroom remodeling, color, apartment design, and periods and a variety of housing styles from throughout history.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** None  
**LENGTH:** 1 Trimester

**Foods 3**
Students use basic skills acquired in Foods 1 and Foods 2 to plan, prepare, serve, and evaluate complete meals. Topics include healthy eating behaviors, foreign foods, grocery shopping, cake decorating, kitchen design, appliances, and meal planning.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** Foods 2  
**LENGTH:** 1 Trimester

**Health**
This course will provide students with the knowledge and skills to make the critical health choices throughout their lives and enable them to establish lifelong healthy behaviors. Students will comprehend concepts related to health promotion and disease prevention; analyze the influence of family, peers, culture, media, technology, and other factors on health behaviors; demonstrate the ability to use interpersonal communication skills to enhance health and avoid or reduce health risk; demonstrate the ability to use decision-making and goal-setting skills to enhance health; demonstrate the ability to practice health-enhancing behaviors and avoid or reduce health risks and demonstrate the ability to advocate for personal, family and community health. Units of instruction include Mental, Social and Emotional health; Violence Prevention; Tobacco, Alcohol and Illegal Drugs including the misuse of Drugs; Personal Health and Wellness; Safety and Injury Prevention; Human Growth and Reproduction including Sexual Health

**GRADE LEVEL:** 9-12  
**CATEGORY:** Required  
**PREREQUISITE:** None  
**LENGTH:** 1 Trimester

**On Your Own**
Students planning to move into college dorms or live independently in apartments can better prepare themselves for the future by learning about housing, budgeting, laundry, leases, credit, shopping, cooking, mending, sexuality, and personal responsibilities. This course is designed for students who want a chance to practice basic living skills before entering college or the work force.

**GRADE LEVEL:** 11-12  
**CATEGORY:** Elective  
**PREREQUISITE:** None  
**LENGTH:** 1 Trimester

**Child Development 1**
This course will explore parenting styles and techniques, child abuse, foster care and adoption, family planning, human reproduction, pregnancy and birth. Community speakers as well as a textbook will be used in this class. The main focus will be on parenting and what it means to be an effective parent. Any student planning on becoming a parent in the future would benefit from this class.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** Housing and Interior Design 1  
**LENGTH:** 1 Trimester

**Child Development 2**
Students will explore human growth and development from infancy to 10 years old. Mental, physical, social and emotional development of each age group will be covered. Various community speakers will be used to support the textbook. Health, safety, child care and positive parenting will be covered. Students who are interested in learning more about children would benefit from attending this class.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** None  
**LENGTH:** 1 Trimester

**Relationships 101**
This course will provide students with the knowledge and skills to recognize healthy dating behaviors and to empower youth to prevent and end abusive relationships. The classroom will be a safe and inclusive place for students to access information through guest speakers, classroom discussions, special projects and activities. Units of instruction
include Dating Basics (Dating FAQ; What should I look for in a partner? Should we break up?); Healthy Relationships (What is consent? Communication; Trust; Setting boundaries; Conflict resolution; Sex and healthy relationships; Feelings, values, self-image and respect); Abuse (Types of abuse; Why people abuse; Why people stay in abusive relationships; Drugs, alcohol and abuse; Texting and sexting; Social network safety.)

**GRADE LEVEL:** 10-12  
**CATEGORY:** Elective  
**PREREQUISITE:** Health  
**LENGTH:** 1 Trimester

### Current and Critical Health Issues

This course provides students with decision-making skills and experiences related to current and critical health issues. Contemporary health issues will be investigated, researched and explored. Topics covered in the class may include and are not limited to: stress management; anxiety; teen depression; self-harm and suicide; body image and eating disorders; substance abuse; disease prevention; dealing with grief and death; situational awareness and environmental health issues.

**GRADE LEVEL:** 10-12  
**CATEGORY:** Elective  
**PREREQUISITE:** Health  
**LENGTH:** 1 Trimester

### Industrial Technology

#### Fundamental of CAD

Students will learn to use the principles and elements of design to create product solutions for the client. Google Sketch-Up is used to model and communicate design solutions through renderings and presentations. This course is good preparation for Introduction to Engineering Design.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** None  
**LENGTH:** 1 Trimester

#### Fundamentals of Electricity (West & Liberty High)

This course is designed to help students understand the basic principles behind the forces of electricity and how we can control it to do useful work. DC electronics will be heavily reinforced with hand-on laboratory experiments. Circuit design, reading of schematics, circuit construction, testing/analyzing circuits and troubleshooting faults are all part of the electronics technicians skill set. Safety around electricity and its hazards are studied in depth and strongly emphasized. The relationship of electricity and magnetism will be studied and explored as the students construct an electric motor. Various sources of energy, renewable and nonrenewable will be investigated through research and experimentation.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** Fundamental of Electricity.  
**LENGTH:** 1 Trimester

#### Construction Skills (West & Liberty High)

This course will be an introductory course in residential building construction. The various phases of home construction will be studied such as Project Planning, Site Preparation, Framing, Enclosing, and Roofing; these phases will be reinforced with hands-on activities. Safety on the job site and with power tools will be taught. Study and handling of various material types used in construction projects will be promoted to help make the best consumer choice regarding budgets and the environmental concerns. Print reading and applications of math skills will be practiced where necessary in planning and estimating use of materials.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** None  
**LENGTH:** 1 Trimester

#### Manufacturing 1

This course teaches students how the products they buy are designed, marketed and manufactured. They will concentrate on the processing techniques used to manufacture wood products from stock materials to finished projects. Personal safety in the work environment and tool/machine safety are emphasized. Identification of material resources and the processes they go through to become the products we buy will be studied including environmental concerns before, during and after the product life-cycle. Along with technical skills, students will be practicing the “soft” skills required in all career fields.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** None  
**LENGTH:** 1 Trimester

#### Manufacturing 2 (West & Liberty High)

Students will build on skills learned in Manufacturing 1 in a more independent setting. Projects will be planned, advanced machine operations will be performed, and a variety of assembly methods will be studied. Students will create a portfolio with documentation of their progress including pictures to be submitted with their projects.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** Manufacturing 1  
**LENGTH:** 1 Trimester

#### Introduction to ACE (City & Liberty High)

ACE stands for Architecture, Construction, and Engineering. This course is designed to help students learn and explore different construction industry careers. ACE provides a hands-on view of courses and careers pathways that vary from Architecture, Interior Design, Mechanical Engineering, Construction and Construction Management, Materials Processing, PLTW, as well as Industrial Technology opportunities. Students will have the chance to work on projects from the design phase to actual construction. Field trips and guest speakers will enhance the learning experience and provide real life experiences for students to let them explore countless career opportunities.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** None  
**LENGTH:** 1 Trimester

#### Construction Technology (City & Liberty High)

This course is designed to give students an introduction to construction systems. Students will participate in individual and/or group
project(s) built throughout the semester. The project(s) will be determined by the needs of the class, community, and school district. Included is a wide range of topics that cover; job-site safety, concrete construction, rough framing construction, roofing construction, interior construction, electrical, fine finish carpentry, and other topics within the construction cluster. This is a dual credit Kirkwood Community College course.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** None  
**LENGTH:** 1 Trimester

### Architectural Plans and Specifications (City & Liberty High)

Introduces the skills and methods for understanding and interpreting construction drawings and technical specifications for residential and commercial buildings. Utilizing existing construction documents, students will learn to communicate through cloud-based collaboration technologies. Activities related to 2D and 3D measurement, scaling and markups will be performed. This is a dual credit Kirkwood Community College course.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** None  
**LENGTH:** 1 Trimester

### Language Arts

#### English 9

English 9 introduces students to high school level study of the language arts—reading, writing, listening, speaking, and media literacy. Common units of study include short stories, novels, media, research, poetry and epic/drama (Romeo and Juliet; Homer’s Odyssey). Students compose in expository, narrative, persuasive, and analytical modes. Revision and editing skills are stressed. Students deliver speeches in a supportive setting.

**GRADE LEVEL:** 9  
**CATEGORY:** Fulfills English 9 requirement  
**PREREQUISITE:** None  
**LENGTH:** 1 Year

#### English 9 Honors

English 9H is an option for honors credit for those students enrolled in English 9. This course addresses all the major curriculum of the regular English 9 course. At the honors level, the students are expected to meet higher performance standards. For each major unit, students will choose from a list of honors activities and complete a task that complements their coursework. Students will reflect upon their honors work each trimester with a culminating portfolio.

**GRADE LEVEL:** 9  
**CATEGORY:** Fulfills English 9 requirement  
**PREREQUISITE:** None  
**LENGTH:** 1 Year

#### English 10

English 10 continues the study of the language arts—reading, writing, listening, speaking, and media literacy. Common units of study include short narratives, novels (e.g. Of Mice and Men, science fiction, etc.), memoir, research, poetry, and epic/drama (a Shakespearean play). Students compose 2-3 multi-draft papers in expository, narrative, persuasive, and/or analytical modes. Some tasks are delivered as speeches. Students work to review and master literary terms, structures, and patterns.

**GRADE LEVEL:** 10  
**CATEGORY:** Fulfills English 10 requirement  
**PREREQUISITE:** English 9  
**LENGTH:** 1 Year

#### English 10 Honors

English 10 Honors is an accelerated language arts course intended for students who already have a firm grasp on fundamental reading, writing, speaking, listening, and media literacy skills. Like English 10, common units of study include short narratives, Of Mice and Men, science fiction, memoir, research, poetry and epic/drama (a Shakespearean play). Students in English 10 Honors read a larger variety of works at a faster pace, frequently participate in higher-level, whole-class discussion, and write more in a variety of modes. Some tasks are delivered as speeches. Additional emphasis is placed on year-long synthesis.

**GRADE LEVEL:** 11-12  
**CATEGORY:** Fulfills English 11 or English 12 requirement  
**PREREQUISITE:** English 9 and 10  
**LENGTH:** 1 Year

#### United States Literature Honors

U.S. Literature Honors is an accelerated language arts course that explores American literature and culture from the seventeenth century to the present. Like U.S. Literature, common units of study include American novels (e.g. The Great Gatsby), modern drama, and poetry. Students in U.S. Literature Honors read a larger variety of works at a faster pace, frequently participate in higher-level, whole-class discussion, and write more in a variety of modes. Some tasks are delivered as speeches. Additional emphasis is placed on year-long synthesis.

**GRADE LEVEL:** 11-12  
**CATEGORY:** Fulfills English 11 or English 12 requirement  
**PREREQUISITE:** English 9 and 10  
**LENGTH:** 1 Year

#### World Literature

World Literature studies the literature, culture and history of many of the world’s great civilizations. Students will examine the context in which the literature was produced to help enrich their understanding of cultures and how they are interconnected with other cultures through literature, theater, film, music, and the arts. Students compose in expository, narrative, persuasive, and analytical modes. Some tasks are delivered as speeches. Additional emphasis is placed on close reading and group discussion.

**GRADE LEVEL:** 11-12  
**CATEGORY:** Fulfills English 11 or English 12 requirement  
**PREREQUISITE:** English 9 and 10  
**LENGTH:** 1 Year
U.S. Humanities (West & Liberty High)
The study of post-World War II American culture designed for highly-motivated students who want to learn methods of understanding how the culture of America has evolved and been influenced through literature, film, television, drama, music, the fine arts, and other aspects of popular culture. Students will make an in-depth analysis of the early decades (the 1950s and 1960s) as a means of developing a foundation and more lucid understanding of how they have affected “the big picture.” Students will examine the following general topics and their impact: American values, politics, youth culture, race, gender, and significant movements. Learning methods will include reading whole or parts of relevant literature, speaking and listening during class discussions; active viewing of visual media; and writing analysis papers over course material.
GRADE LEVEL: 11-12
CATEGORY: Fulfills English 11 or English 12 requirement
PREREQUISITE: None
LENGTH: 1 Year

British Literature Honors (West & Liberty High)
A survey course of early British Literature where students read Beowulf, Shakespeare, Pope and Swift, selected Romantic works including Mary Shelley’s Frankenstein and a classic novel. Students write journals and analytical papers, study vocabulary, present oral reports and view film adaptations of classic works. The third trimester is an in-depth study of Shakespeare’s plays. Students write four position papers of 3-5 pages in length and then discuss their papers.
GRADE LEVEL: 11-12
CATEGORY: Fulfills English 11 or English 12 requirement
PREREQUISITE: None
LENGTH: 1 Year

AP English Literature and Composition
AP English Lit is an accelerated language arts course that emphasizes critically reading and discussing college-level literature, as well as writing literary analyses. Common units of study include novels, Shakespearean drama, Greek tragedy, mythology, short stories, poetry, essays, and philosophy. Students may take the AP examination in May. Many colleges and universities grant credit if the student’s examination score demonstrates a sufficient level of mastery.
GRADE LEVEL: 11-12
CATEGORY: Fulfills English 12 requirement
PREREQUISITE: English 9, 10, and a literature course. Enrollment based upon Iowa Assessment scores and teacher recommendation.
LENGTH: 1 Year

AP English Language and Composition
This junior and senior elective course enables students to analyze and evaluate complex non-fiction texts and arguments and to write their own effective arguments. Curriculum surveys conducted by the AP English Language and Composition Development Committee show that it is equivalent to a two-semester introductory college course in rhetoric and composition. Some universities and colleges grant credit if a student’s examination illustrates a sufficient level of mastery.
GRADE LEVEL: 11-12
CATEGORY: Fulfills English 12 requirement
PREREQUISITE: English 9, 10, and a literature course
LENGTH: 1 Year

Reading Strategies
Reading Strategies focuses on raising students’ reading levels by addressing fluency, vocabulary, comprehension, and stamina. Strategies taught will be applicable to all content areas. Students may elect to take the class or may be placed in the class based on assessment data and teacher recommendations. This course does not meet Language Arts graduation requirements or NCAA requirements and may not meet entrance requirements for some colleges and universities.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: Enrollment based on Iowa Assessment scores and parent/teacher recommendations.
LENGTH: 1 Year

Foundations of Journalism
Foundations of Journalism focuses on writing articles for both print and online publication, designing magazine pages, taking photographs, reading and viewing current events and understanding the basics of media law. Throughout the year, students become critical readers and viewers of modern media, reading and discussing the news each day. Students also have the opportunity to contribute articles, artwork, photographs and designs for publication in the school newspaper or website.
GRADE LEVEL: 9-12
CATEGORY: Fulfills English 12 requirement for 1 trimester of Writing
PREREQUISITE: None
LENGTH: 1 Trimester at City & Liberty and a 1 year at West

News Lab
News Lab is devoted to producing the school newspaper and website. The purpose of this class is to promote professional journalism, enhance students’ journalistic skills and encourage the production of a student-run publication. News Lab focuses on writing articles conducting interviews, designing newspaper pages, taking photographs, designing advertisements, reading and viewing current events, and understanding media law. Most production work is done outside regular school hours. Editors must register for the year. This class may not meet the English admissions requirements for all colleges. Students should check with the colleges to which they are applying.
GRADE LEVEL: 9-12
CATEGORY: Fulfills English 12 requirement for 1 trimester of Writing; may be repeated to fulfill an additional English 12 requirement for 1 trimester
PREREQUISITE: Foundations of Journalism and instructor approval
LENGTH: 1 Trimester

Yearbook Lab
Yearbook Lab is devoted to capturing the history of the school year for presentation in the yearbook. Editors and staff members develop story ideas, conduct interviews, design pages, take photographs, and design advertisements. Editors and staff members use problem-solving techniques to decide how to cover events and people, and when to substitute coverage as a result of last-minute changes. All staff members are required to sell advertising to help support the yearbook. In the process, they learn to interact professionally with local businesses. Most production work is done outside regular school hours. Editors must register for the year. This class may not meet the English admissions requirements for all colleges. Students should check with the colleges to which they are applying.
GRADE LEVEL: 9-12
CATEGORY: Fulfills English 12 requirement for 1 trimester

News Lab
News Lab is devoted to producing the school newspaper and website. The purpose of this class is to promote professional journalism, enhance students’ journalistic skills and encourage the production of a student-run publication. News Lab focuses on writing articles conducting interviews, designing newspaper pages, taking photographs, designing advertisements, reading and viewing current events, and understanding media law. Most production work is done outside regular school hours. Editors must register for the year. This class may not meet the English admissions requirements for all colleges. Students should check with the colleges to which they are applying.
GRADE LEVEL: 9-12
CATEGORY: Fulfills English 12 requirement for 1 trimester of Writing; may be repeated to fulfill an additional English 12 requirement for 1 trimester
PREREQUISITE: Foundations of Journalism and instructor approval
LENGTH: 1 Trimester

Yearbook Lab
Yearbook Lab is devoted to capturing the history of the school year for presentation in the yearbook. Editors and staff members develop story ideas, conduct interviews, design pages, take photographs, and design advertisements. Editors and staff members use problem-solving techniques to decide how to cover events and people, and when to substitute coverage as a result of last-minute changes. All staff members are required to sell advertising to help support the yearbook. In the process, they learn to interact professionally with local businesses. Most production work is done outside regular school hours. Editors must register for the year. This class may not meet the English admissions requirements for all colleges. Students should check with the colleges to which they are applying.
GRADE LEVEL: 9-12
CATEGORY: Fulfills English 12 requirement for 1 trimester
PREREQUISITE: Foundations of Journalism and instructor approval
LENGTH: 1 Trimester

Broadcast Lab
Broadcast Lab is devoted to producing video journalism. The purpose of this class is to promote professional journalism, enhance students’ journalistic skills and encourage the production of a student-run broadcast. Broadcast Lab focuses on writing copy, conducting interviews, recording and editing videos, reading and viewing current events, and understanding media law. This class may not meet the English admissions requirements for all colleges. Students should check with the colleges to which they are applying.
GRADE LEVEL: 9-12
CATEGORY: Fulfills English 12 requirement for 1 trimester
PREREQUISITE: Foundations of Journalism and instructor approval
LENGTH: 1-3 trimesters

Bible as Literature
Bible as Literature explores the Hebrew and Protestant Bibles from a literary and historical (non-religious) perspective. Through this course, students will: 1) recognize the Bible as a great literary work, 2) realize the Bible’s importance to the cultural history of Western society, 3) become familiar with the most influential stories, characters, symbols of the Judeo-Christian tradition, and 4) be able to recognize Biblical allusions in art, literature, music and politics. The course is a combination of lecture, discussion, test taking, reading, and writing.
GRADE LEVEL: 11-12
CATEGORY: Fulfills English 12 requirement for 1 trimester of Literature
PREREQUISITE: None
LENGTH: 1 Trimester

Contemporary Literature
Contemporary Literature is a reading course in which students explore a variety of topics and interests within specified categories of books. Students self-select books and read them in class as well as outside of class. Grades are based on the number of books read, the thoroughness of written responses, and the quality of oral conferences held with the instructor.
GRADE LEVEL: 11-12
CATEGORY: Fulfills English 12 requirement for 1 trimester of Literature
PREREQUISITE: None
LENGTH: 1 Trimester

English Grammar and Usage (West & Liberty High)
Exposes students to grammatical terminology necessary for analyzing and discussing language and writing. Areas of study include parts of speech; sentence patterns; fragments and run-ons; phrases and clauses; parallel construction; consistent use of tense, person, verbs, and pronouns; punctuation; and spelling. Students are expected to participate in class activities, take accurate lecture notes, complete assignments, demonstrate knowledge and skills in quizzes, improve ability to proofread their writing, and increase awareness of their oral and written usage problems.
GRADE LEVEL: 11-12
CATEGORY: Fulfills English 12 requirement for 1 trimester
PREREQUISITE: None
LENGTH: 1 Trimester

Public Speaking
Public Speaking is designed for students who do not like to get up in front of groups of people, as well as for confident speakers. Students receive training and practice in the preparation and delivery of public speeches and interpretive presentations. Students read, view, examine, and discuss examples of famous public speeches. They also write and deliver their own public speeches, reflecting many of the various purposes of public speaking. Additionally, emphasis will be placed on developing good speaking techniques, stage fright anxiety, research skills, organization, listening, observing, and evaluating peer work.
GRADE LEVEL: 9-12
CATEGORY: Fulfills English 12 requirement for 1 trimester
PREREQUISITE: None
LENGTH: 1 Trimester

Media Literacy and Communications (City High)
This course is designed to help students improve listening and oral communication skills through participation in various group activities such as panel discussions, oral interpretation, or media presentations. The aim is to improve speech skills through group support and interaction. This course is recommended for all students regardless of post high school plans. This course is accepted by colleges and universities. However the NCAA Eligibility Center does not accept this class in regards to meeting NCAA
Introduction to Theatre (West High)
This is a theatre survey course in which students will be introduced to the basics of theatre including: acting & improvisation, theatre history, play analysis, and some technical theatre basics. It’s a great course to take for anyone, from experienced theatre geniuses, to students who have never been exposed to theatre at all but are interested in trying something different and fun.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: None
LENGTH: 1 Trimester

Movement and Acting (West High)
A continuation in developing the acting skills and techniques taught in Intro to Theatre. Projects include improvisation work, duet scenes, modern monologues, Shakespearean monologues, play analysis, acting analysis, audition technique, and some World Theatre study.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: Introduction to Theatre.
LENGTH: 1 Trimester

Technical Theatre (West High)
Technical Theatre will touch on the “back stage” areas of theatre, including: lighting, set design & construction, scene painting, props, costuming & makeup. Students will work on individual and group projects, including (but not limited to) our school’s main stage productions. This course will be offered every-other-year.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: Introduction to Theatre
LENGTH: 1 Trimester

Mathematics

Students are expected to follow one of the course sequences shown. Teachers will make individual course recommendations just prior to registration. Students who do not perform satisfactorily in a course should repeat the course. Students who demonstrate high aptitude and motivation in Algebra I and want to move to the advanced course sequence may enroll in Geometry Honors and Algebra II Honors in the same year. This change requires teacher recommendation and a highly motivated student. These students then continue with Pre-Calculus, Honors and Calculus.

Math Skills
Math Skills is designed for students who need more practice with operations on whole numbers, integers, decimals, and fractions. It helps students develop skills using percentages, ratios, proportions, exponents, and estimation. Supplementary topics include data analysis, measurement, and geometric concepts. This course will assist each student in the process of mastering basic math skills in preparation for Introduction to Algebra.
GRADE LEVEL: 9-12
CATEGORY: Fulfills 1 year of Math requirement
PREREQUISITE: None
LENGTH: 1 Year

Introduction to Algebra
Introduction to Algebra is a course that builds or basic math skills to develop algebra, geometry, and other general mathematics concepts, including measurement and basic algebra with real numbers. It is not intended to be equivalent to a standard Algebra 1 course. It provides preparation for solving practical problems in everyday life. A scientific calculator may be used for certain topics. This course will prepare students for first-year algebra.
GRADE LEVEL: 9-12
CATEGORY: Fulfills 1 year of Math requirement
PREREQUISITE: Pre-Algebra 8 or Math Skills
LENGTH: 1 Year

Informal Geometry (West High)
Informal Geometry is a course designed to expose students in 10th grade or higher to the structure of Euclidean geometry and develop algebraic skills in this context. Areas of study include points, lines, planes, inductive and deductive reasoning, properties of geometric figures including areas and volumes, and a review of beginning algebra skills. This course will provide each student with a basic geometry course that is not intended to be equivalent to a standard geometry class.
GRADE LEVEL: 10-12
CATEGORY: Fulfills 1 year of Math requirement
PREREQUISITE: Pre-Algebra 8 or Introduction to Algebra
LENGTH: 1 Year

Acting (City & Liberty High)
This trimester elective is open to any student. Acting will improve student’s oral communication skills while enhancing their understanding and appreciation of theater. Students will read, analyze, and perform various types of literature. Various group and partner performances are required as well as individual performances. The primary goal of this course is to help students become more comfortable with presentation and themselves through improvisation, pantomime, warm-ups, and other acting exercises. Note: This elective does not meet NCAA requirements and may not meet entrance requirements for some colleges and universities. Some colleges will accept this course as a Language Arts course however some may not. Students may need to select an additional Language Arts elective to meet college Language Arts admission requirements.
GRADE LEVEL: 9-12
CATEGORY: Fulfills English 12 requirement for 1 trimester
PREREQUISITE: None
LENGTH: 1 Trimester

Communication Studies (West & Liberty High)
This course covers the following units: Basic Communication Concepts, Interpersonal Skills, Mass Media, Nonverbal Skills, Listening Skills, Relational and Small Group Communication, and Gender Roles in Communication. Students have the opportunity to do research and in-depth study of communication theories. They are expected to follow one of the course sequences shown. Teachers will make individual course recommendations just prior to registration. Students who do not perform satisfactorily in a course should repeat the course. Students who demonstrate high aptitude and motivation in Algebra I and want to move to the advanced course sequence may enroll in Geometry Honors and Algebra II Honors in the same year. This change requires teacher recommendation and a highly motivated student. These students then continue with Pre-Calculus, Honors and Calculus.

Math Skills
Math Skills is designed for students who need more practice with operations on whole numbers, integers, decimals, and fractions. It helps students develop skills using percentages, ratios, proportions, exponents, and estimation. Supplementary topics include data analysis, measurement, and geometric concepts. This course will assist each student in the process of mastering basic math skills in preparation for Introduction to Algebra.
GRADE LEVEL: 9-12
CATEGORY: Fulfills 1 year of Math requirement
PREREQUISITE: None
LENGTH: 1 Year

Introduction to Algebra
Introduction to Algebra is a course that builds or basic math skills to develop algebra, geometry, and other general mathematics concepts, including measurement and basic algebra with real numbers. It is not intended to be equivalent to a standard Algebra 1 course. It provides preparation for solving practical problems in everyday life. A scientific calculator may be used for certain topics. This course will prepare students for first-year algebra.
GRADE LEVEL: 9-12
CATEGORY: Fulfills 1 year of Math requirement
PREREQUISITE: Pre-Algebra 8 or Math Skills
LENGTH: 1 Year

Informal Geometry (West High)
Informal Geometry is a course designed to expose students in 10th grade or higher to the structure of Euclidean geometry and develop algebraic skills in this context. Areas of study include points, lines, planes, inductive and deductive reasoning, properties of geometric figures including areas and volumes, and a review of beginning algebra skills. This course will provide each student with a basic geometry course that is not intended to be equivalent to a standard geometry class.
GRADE LEVEL: 10-12
CATEGORY: Fulfills 1 year of Math requirement
PREREQUISITE: Pre-Algebra 8 or Introduction to Algebra
LENGTH: 1 Year

Acting (City & Liberty High)
This trimester elective is open to any student. Acting will improve student’s oral communication skills while enhancing their understanding and appreciation of theater. Students will read, analyze, and perform various types of literature. Various group and partner performances are required as well as individual performances. The primary goal of this course is to help students become more comfortable with presentation and themselves through improvisation, pantomime, warm-ups, and other acting exercises. Note: This elective does not meet NCAA requirements and may not meet entrance requirements for some colleges and universities. Some colleges will accept this course as a Language Arts course however some may not. Students may need to select an additional Language Arts elective to meet college Language Arts admission requirements.
GRADE LEVEL: 9-12
CATEGORY: Fulfills English 12 requirement for 1 trimester
PREREQUISITE: None
LENGTH: 1 Trimester

Communication Studies (West & Liberty High)
This course covers the following units: Basic Communication Concepts, Interpersonal Skills, Mass Media, Nonverbal Skills, Listening Skills, Relational and Small Group Communication, and Gender Roles in Communication. Students have the opportunity to do research and in-depth study of communication theories. They are expected to follow one of the course sequences shown. Teachers will make individual course recommendations just prior to registration. Students who do not perform satisfactorily in a course should repeat the course. Students who demonstrate high aptitude and motivation in Algebra I and want to move to the advanced course sequence may enroll in Geometry Honors and Algebra II Honors in the same year. This change requires teacher recommendation and a highly motivated student. These students then continue with Pre-Calculus, Honors and Calculus.

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Math Skills is designed for students who need more practice with operations on whole numbers, integers, decimals, and fractions. It helps students develop skills using percentages, ratios, proportions, exponents, and estimation. Supplementary topics include data analysis, measurement, and geometric concepts. This course will assist each student in the process of mastering basic math skills in preparation for Introduction to Algebra.
GRADE LEVEL: 9-12
CATEGORY: Fulfills 1 year of Math requirement
PREREQUISITE: None
LENGTH: 1 Year

Introduction to Algebra
Introduction to Algebra is a course that builds or basic math skills to develop algebra, geometry, and other general mathematics concepts, including measurement and basic algebra with real numbers. It is not intended to be equivalent to a standard Algebra 1 course. It provides preparation for solving practical problems in everyday life. A scientific calculator may be used for certain topics. This course will prepare students for first-year algebra.
GRADE LEVEL: 9-12
CATEGORY: Fulfills 1 year of Math requirement
PREREQUISITE: Pre-Algebra 8 or Math Skills
LENGTH: 1 Year

Informal Geometry (West High)
Informal Geometry is a course designed to expose students in 10th grade or higher to the structure of Euclidean geometry and develop algebraic skills in this context. Areas of study include points, lines, planes, inductive and deductive reasoning, properties of geometric figures including areas and volumes, and a review of beginning algebra skills. This course will provide each student with a basic geometry course that is not intended to be equivalent to a standard geometry class.
GRADE LEVEL: 10-12
CATEGORY: Fulfills 1 year of Math requirement
PREREQUISITE: Pre-Algebra 8 or Introduction to Algebra
LENGTH: 1 Year
ICCSD Mathematics Paths in Grades 7-12

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Electives:

- AP Statistics
- AP Computer Science
- Art of Math Problem Solving
- Computer Programming
- Advanced Topics in Math

Revised December 2014
Algebra 1A
Algebra 1A is a combination of pre-algebra topics and the first half of a standard Algebra 1 course. It is intended for students who may benefit from slower paced instruction with a spiral approach and who are interested in learning Algebra 1A. It is the first of a two-course sequence, the second half of which is Algebra 1B. This course will prepare students for Algebra 1B.
GRADE LEVEL: 9-12
CATEGORY: Fulfills 1 year of Math requirement
PREREQUISITE: Pre-Algebra 8 or Introduction to Algebra, with recommendation of instructor
LENGTH: 1 Year

Algebra 1B
Algebra 1B is the sequel to Algebra 1A, and must be completed in order to earn completion of a standard Algebra 1 course. It is equivalent to the second half of a standard Algebra 1 course. Like Algebra 1A, it is intended for students who may benefit from slower paced instruction with a spiral approach and who are interested in learning Algebra 1. This course will provide completion of a standard Algebra 1 course to those students who completed Algebra 1A.
GRADE LEVEL: 9-12
CATEGORY: Fulfills 1 year of Math requirement
PREREQUISITE: Algebra 1A
LENGTH: 1 Year

Algebra 1
Algebra 1 is the foundation for further study of mathematics. It is the first of three math courses that are required for admission to most four-year colleges (the other two being Geometry and Algebra 2). Students learn to reason symbolically and graphically. Writing, graphing, and solving linear and quadratic equations are key topics. This course emphasizes reading and problem solving for unknown quantities using visual as well as symbolic representations. This course will prepare students for the study of Geometry and Algebra 2.
GRADE LEVEL: 9-12
CATEGORY: Fulfills 1 year of Math requirement
PREREQUISITE: Pre-Algebra 8 or Introduction to Algebra
LENGTH: 1 Year

Geometry
Geometry is the study of properties of figures in space. It includes right triangle trigonometry and the study of transformations. Inductive and deductive thinking skills are used in problem solving situations, including applications to the real world. Proof writing is included, as students prove properties of geometric figures, including polygons and circles. This course will prepare students for the study of Algebra 2.
GRADE LEVEL: 9-12
CATEGORY: Fulfills 1 year of Math requirement
PREREQUISITE: Algebra 1 or Algebra 1A and Algebra 1B
LENGTH: 1 Year

Geometry Honors
Geometry Honors is a course designed for students in the accelerated mathematics program. Topics are studied with great rigor and at a rapid pace. Formal and rigorous proof writing will be developed with an emphasis on deductive reasoning. Concepts involving logic, inductive reasoning, basic trigonometry, and three-dimensional geometry are also developed. This course will provide geometry students a course with more depth to prepare them for Algebra 2 Honors.
GRADE LEVEL: 9-12
CATEGORY: Fulfills 1 year of Math requirement
PREREQUISITE: Algebra 1
LENGTH: 1 Year

Consumer Mathematics (City High)
Consumer Mathematics focuses on the use of mathematics by consumers in everyday life. Topics include applying math related to banking, budgeting, real estate, taxes, insurance, investments, credits and loans. This course will provide students with the skills necessary to be successful consumers.
GRADE LEVEL: 9-12
CATEGORY: Fulfills 1 year of Math requirement
PREREQUISITE: Students may not register for this course if they have successfully completed Algebra 2
LENGTH: 1 Year

Advanced Topics in Mathematics (West High)
Advanced Topics in Mathematics is a course designed for seniors who have completed three years of high school mathematics, including algebra 1, geometry, and algebra 2, and who are interested in learning about advanced mathematics topics, as well as improving their math proficiency. This course includes discrete math topics, probability and statistics, and a survey of algebra 2 topics. The final trimester is spent preparing students for college math placement exams and strengthening algebra skills. This course will provide an extra boost of math support as students prepare to finish high school and go on to college.
GRADE LEVEL: 12
CATEGORY: Fulfills 1 year of Math requirement
PREREQUISITE: Geometry and Algebra 2
LENGTH: 1 Year

Pre-Calculus
Pre-Calculus is a course for students interested in the physical sciences, physics, engineering, mathematics or other careers that require strong quantitative and mathematics skills. Areas of study include analytic geometry, inequalities, polynomials, trigonometric functions and world problems. A scientific or graphing calculator is required for certain topics. This course will prepare students for Pre-Calculus.
GRADE LEVEL: 9-12
CATEGORY: Fulfills 1 year of Math requirement
PREREQUISITE: Algebra 1 and Geometry
LENGTH: 1 Year

Algebra 2 Honors
Algebra 2 Honors is a course designed for students in the accelerated mathematics program. Topics are studied with great rigor and at a rapid pace. It includes a brief review of first-year algebra, and continues the study of polynomials, rational expressions, equations, inequalities, logarithms, and basic trigonometry. Reading with comprehension is essential as students acquire stronger problem solving skills. A scientific or graphing calculator is required for certain topics. This course will prepare students for Pre-Calculus Honors.
GRADE LEVEL: 9-12
CATEGORY: Fulfills 1 year of Math requirement
PREREQUISITE: Algebra 1 and Geometry or Geometry Honors
LENGTH: 1 Year

Algebra 2
Algebra 2 is a course that builds on concepts learned in Algebra 1 and Geometry. It develops advanced algebra skills in the study of polynomials, rational expressions, and other equations and inequalities. Reading with comprehension is essential as students solve real
equations, vectors, complex numbers, logarithmic and exponential functions, sequences and graphing. Reading with comprehension is essential as students acquire stronger problem solving skills. A graphing calculator is required. This course will prepare students for Calculus.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** Pre-Calculus Honors  
**LENGTH:** 1 Year

**Pre-Calculus Honors**  
Pre-Calculus Honors is a course primarily for students in the accelerated mathematics program. It is particularly valuable for students intending to pursue careers that require calculus. Advanced algebra techniques will be used to study analytic geometry, inequalities, polynomials, trigonometric functions and equations, vectors, complex numbers, logarithmic and exponential functions, sequences, and graphing. Reading with comprehension is essential as students acquire stronger problem solving skills. A graphing calculator is required. This course will prepare students for Calculus.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** Geometry Honors and Algebra 2 Honors  
**LENGTH:** 1 Year

**AP Calculus BC**  
AP Calculus BC is a rigorous, college-level course that includes all calculus topics designated by the AP Program of the College Board. It is equivalent to two semesters of college-level calculus. Successful performance on the AP Calculus BC examination allows students to receive credit for college calculus. Areas of study include all topics covered in AP Calculus AB, as well as additional advanced calculus topics including polynomial approximations and series, vectors, parametric and polar expressions, and more extensive techniques of integration. Graphing calculators are required. This course will prepare students to take the AP Calculus BC examination in May. Visit [http://apcentral.collegeboard.com](http://apcentral.collegeboard.com) for additional information.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** Pre-Calculus Honors  
**LENGTH:** 1 Year

**AP Statistics**  
AP Statistics is a rigorous, college-level course that includes all statistics topics designated by the AP Program of the College Board. Students are exposed to four broad conceptual themes identified by the College Board: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. A graphing calculator is required. This course will prepare students to take the AP Statistics examination in May.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** Pre-Calculus Honors  
**LENGTH:** 1 Year

**AP Computer Science**  
AP Computer Science develops skills necessary to take more advanced computer science course at the college level in order to be competitive in a technologically advanced and globally competitive marketplace. It is comparable to a first-year, semester-long course offered in a university computer. Students will use the Java language to develop applications to solve both mathematical and real world problems. Students enrolled in this course should have prior programming experience or be highly motivated. This course will prepare students to take the AP Computer Science examination in May.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** Recommended completion of or current enrollment in Algebra 2 Honors or completion of Visual Basic Programming  
**LENGTH:** 1 Year

**AMPS – The Art of Mathematical Problem Solving**  
**(West High)**  
AMPS is a course that will address topics central to mathematical development that are beyond the scope of the standard college preparatory curriculum. Emphasis will be placed on techniques of formal proof, problem solving, the art of mathematical communication, and team approaches to solving problems. Students will be stimulated to learn through challenges and through the preparation for competition. With permission of instructor, students may enroll for a trimester at a time or on an independent-study basis. This course can also be taken multiple times, with topics subsequent to those studied in the initial course. This course will provide students with strategies for approaching, analyzing and solving problems.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** Geometry Honors  
**LENGTH:** 1 Year

**Computer Programming/Visual Basic 2013**  
Computer Programming/Visual Basic 2013 is a course intended for students who have a strong interest in developing computer applications to solve mathematical and real world problems. Topics include introduction to input/output, decision structures, looping, subroutines and functions, text files and error handling, strings, one- and two-dimensional arrays, multi-form projects, and principles of game design. This course will provide students, including those with no prior programming experience, an opportunity to develop programming skills and concepts.
Music

Men's Choir
Little Hawk Singers (City)/Bass Choir (West)/Name TBD (Liberty) is a non-auditioned choir for all freshman and sophomore boys, and any other male first-time singers, or those desiring more experience. They sing 4 concerts each year, with the focus of the class on producing a healthy choral tone, understanding music fundamentals, and singing fun, challenging male choral music.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: None
LENGTH: 1 Trimester repeating at the discretion of the director. Repeating is encouraged to prepare for upper level auditioned choirs.

Women’s Choir
City High Chorale (City)/Treble Choir (West)/Name TBD (Liberty) is a non-auditioned choir for girls in grades 9-12. All freshman girls will be assigned to this choir, as well as other female first-time singers, or those desiring more experience. They sing 4 concerts each year, with the focus of the class on producing a healthy choral tone, understanding music fundamentals, and singing fun and challenging female choral music.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: None
LENGTH: 1 Trimester repeating at the discretion of the director. Repeating is encouraged to prepare for upper level auditioned choirs.

Advanced Women’s Choir
City High Singers (City)/Virtuosa (West)/Name TBD (Liberty) is an auditioned women’s choir for women in grades 10-12. They will sing 4 concerts each year. The focus of the class is on producing a healthy choral tone, continued growth in music fundamentals, and singing challenging music written specifically for women’s voices, often by women composers.
GRADE LEVEL: 10-12
CATEGORY: Elective
PREREQUISITE: None
LENGTH: 1 Trimester
Prerequisite: Ability to match pitch and basic understanding of music literacy concepts.
Length: Trimester repeating at the discretion of the director. Repeating is expected, to maintain the continuity and high level of performance of this fine choir.

Advanced Mixed Choir
Concert Choir (City/West/Liberty) is an outstanding, auditioned choir made up of singers in grades 11-12 who exhibit excellent vocal tone and a basic understanding of the music fundamentals. They will perform four concerts each year and sing advanced choral literature. Students in this choir will be encouraged to audition for a spot in an All State quartet and sing in our Solo/Small Ensemble Festival in the spring.
GRADE LEVEL: 11-12
CATEGORY: Elective
PREREQUISITE: A basic understanding of music literacy concepts (sight reading) is expected. The student must demonstrate a desire for musical growth and a strong classroom work ethic.
LENGTH: Year-long enrollment is expected to maintain the continuity and high performance level of this fine choir. Repeated enrollment at the discretion of the director.
Grade level: 11-12
Category: elective

Select Mixed Choir
Chamber Choir (City)/West Singers (West)/Name TBD (Liberty) is a select auditioned choir made up of singers in grades 11-12 who exhibit excellent vocal tone and display advanced music literacy. It will be offered when the number of singers in the program dictates it is necessary. They will perform four concerts each year, occasional extra concerts, and will sing advanced choral literature. Students in this choir will be expected to audition for a spot in an All State quartet and sing in our Solo/Small Ensemble Festival in the spring.
GRADE LEVEL: 11-12
CATEGORY: Elective
PREREQUISITE: Participation in JR. High Orchestra or by audition with the Director.
LENGTH: 1 Trimester

9th Grade Band
All incoming 9th grade students should register for this band. During the beginning of the first trimester, these students will rehearse together in a marching band with an introduction to basic marching band techniques and performing at home football and other marching events. The band will also rehearse and perform as a concert band ensemble during the first trimester. All students in this band will have the opportunity to audition for placement into one of the ability based concert bands for the second and third trimesters. These concert ensembles will focus on the analysis and performance of standard and advanced high school band music and preparation of several formal concerts. Attendance at all performances is required and graded part of the curriculum of this class.
GRADE LEVEL: 9
CATEGORY: Elective
PREREQUISITE: Participation in JR. High Orchestra or by audition with the Director.
LENGTH: 1 Year

10th-12th Grade Band
All 10th through 12th grade students should register for this band. During the beginning of the first trimester, these students will rehearse together as one marching band with the focus on basic marching band techniques and performing at home football and other marching events. All students in this band will have the opportunity to audition for placement into one of the ability based concert bands for the second and third trimesters. These concert ensembles will focus on the analysis and performance of standard and advanced high school band music and preparation of several formal concerts. Attendance at all performances is required and graded part of the curriculum of this class.
GRADE LEVEL: 10-12
CATEGORY: Elective
PREREQUISITE: Previous study or consent of director.
LENGTH: 1 Year

Concert Orchestra
Concert Orchestra focuses on developing basic orchestral techniques such as accurate pitch, use of dynamics and maintaining a pulse while preparing music for a variety of concerts throughout the year. Students are required to participate in all scheduled performances, register for all three trimesters and improve their skills through individual practice and lessons. Students work toward the goal of attaining membership in to Symphony Orchestra.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: Participation in Jr. High Orchestra or by audition with the director.
LENGTH: 1 year

Symphony Orchestra
Symphony Orchestra emphasizes a curriculum of demanding literature from various periods and
styles of music. A standard of technical and musical ability is expected. Each student has
the opportunity to perform orchestral music, solo works and ensemble literature. Students
are required to participate in all scheduled performances, register for all three trimesters and
improve their skills through individual practice and lessons.
GRADE LEVEL: 10-12
CATEGORY: Elective
PREREQUISITE: Consent of Director (audition)
LENGTH: 1 Trimester
Grade Level: 10-12
Category: 1 year

AP Music Theory
The AP Music Theory class is structured to be comparable in content and expected level of
accomplishment to a first-year college course in Music Theory. The course will integrate the
study of melody, harmony, texture, rhythm, and form. Students will spend class time
analyzing notated music, developing aural (listening) skills, sight singing, and composition.
The successful student will leave the course being able to recognize and describe basic
materials and processes of music as performed or presented in a musical score. A wide variety
of instrumental and vocal styles will be explored, focusing on music of the common
practice period, roughly 1600-1900. An introduction to 20th century compositional
techniques will also be included. At the end of the course students will have all skills necessary
to successfully take the AP Music Theory exam.
GRADE LEVEL: 11-12
CATEGORY: Elective
PREREQUISITE: Permission of instructor
LENGTH: 1 Year

Performance PE 1
This course is set up to provide structured and progressive lessons for students seeking high
intensity training. Students will show proper technique and weight increases by the end of
the trimester. Students will learn the skills necessary to perform the Olympic lifts and
weight training skills. Plyometrics, tabatas, circuit training and a variety of activities to
promote lifetime fitness will be included.
GRADE LEVEL: 9-12
CATEGORY: Fulfills 1 trimester of PE requirement
PREREQUISITE: None
LENGTH: 1 Trimester

Performance PE 2 (West & Liberty
High)
This course is an opportunity for students to apply knowledge from Performance PE
1. Students will progress through weight
training, conditioning, cross training, circuit
training and other skills at a faster pace. More
complex skills and movements will be learned
and implemented into workouts. The
importance of nutrition on performance and
using food as fuel will be emphasized.
GRADE LEVEL: 9-12
CATEGORY: Fulfills 1 trimester of PE requirement
PREREQUISITE: Performance PE 1
LENGTH: 1 Trimester

Lifestyle Fitness (City High)
This class will utilize the Fitness Center. Students
must be present and participate in 51 out of 60
classes to pass. The class is designed to help
students develop a fitness plan, with emphasis
on cardiovascular fitness, muscle toning and
flexibility. Fitness concepts, nutrition issues and
responsible behavior are emphasized in this
class. Power walking, jogging, biking,
aerobics and pilates/yoga sequences will make up the
workouts. Stability
balls, elastic bands, medicine balls, free weights
and cardiovascular machines are equipment
used for this class. Students will become
physically educated persons and understand that
physical activity provides opportunities for
enjoyment, challenges, self-expression and social
interaction as per the Physical Education
National Standards.
GRADE LEVEL: 9-12
CATEGORY: Fulfills 1 trimester of PE requirement

Physical Education
Phys Ed
Students will receive units designed to try
lifetime activities from personal conditioning to
individual and team sport activities. They will
learn basic skills and concepts in those sports
and activities along with physical conditioning
and wellness activities. Fitness and health
concepts will be included as well. The use of
heart rate monitors and/or pedometers to help
with the understanding and value of exercise in
an appropriate heart rate zone.
GRADE LEVEL: 9-12
CATEGORY: Fulfills 1 trimester of PE requirement

Ultimate Fitness
This course offers students a chance to challenge
their physical fitness through a variety of fitness
activities and more complex movements. The
class will emphasize elements of nutrition and
wellness facts. Students will evaluate and
monitor their progress through cross training,
conditioning, muscular strength/toning along
with other fitness activities.
GRADE LEVEL: 9-12
CATEGORY: Fulfills 1 trimester of PE requirement
PREREQUISITE: None
LENGTH: 1 Trimester

Project Lead the Way
Introduction to Engineering
Design
Students interested in engineering should take
this class to practice the “Design Process” and
documentation procedures used in all other
Project Lead the Way courses. Emphasis is on
product design and the use of CAD (Autodesk
Inventor) to model, document and communicate
design concepts to clients and manufacturers
through prints and presentations. Field trips and
classroom visits by professionals as well as job
shadows are provided to give exposure to career
opportunities. College credit can be earned in
this course.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: None
LENGTH: 1 Year
Principles of Engineering
This is a Project Lead the Way® class. This pre-engineering course helps students understand the field of engineering/ engineering technology. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people. Other topics in the class include Engineering Systems and Robotics, Strength of Materials, Power and Energy, Kinematics, Statics, Computer Programming, and Engineering for Reliability.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: Algebra I.
LENGTH: 1 Year

Civil Engineering & Architecture
This advanced Project Lead the Way course focuses on many skills that civil engineers and architects use in their careers. Architectural styles, residential and commercial design, structural engineering, surveying, soil analysis, teamwork and other topics are studies to help the students understand how urban development occurs. AutoDesk Revit is the software used to model, document and communicate design solutions to communicate solutions to construction workers and clients. On-site field trips, classroom visits by professionals and job shadowing opportunities are provided to give exposure to career opportunities. College credit can be earned in this course.
GRADE LEVEL: 10-12
CATEGORY: Elective
PREREQUISITE: Intro to Engineering Design, or Principles of Engineering.
LENGTH: 1 Year

Aerospace Engineering
This is a Project Lead the Way® class. The major focus of this course is to expose students to the aerospace engineering field and related areas of study. Topics will include the history of the aerospace industry, aerodynamics, flight planning and navigation, aero-space materials and structures, propulsion, flight physiology, space travel and orbital mechanics, and systems engineering. Students will work in teams utilizing hands-on activities, projects, and problems developed by NASA. Students will also use design software and computer simulations to create solutions to proposed problems. Through these activities, projects, and problems, students will develop presentation, critical thinking, and data analysis skills that are relevant to a wide variety of subject areas.
GRADE LEVEL: 10-12
CATEGORY: Elective
PREREQUISITE: Principles of Engineering (POE) or current enrollment in POE; or Algebra II or current enrollment in Algebra II.
LENGTH: 1 Year

Environmental Sustainability
(West High and Liberty High)
This is a Project Lead the Way course that is an interdisciplinary specialty engineering course where students investigate and design solutions in response to real world challenges related to clean and abundant drinking water, food supply issues and renewable energy. Applying their knowledge through hands-on activities and simulations, student research and design potential solutions to these true-to-life situations.
GRADE LEVEL: 10-12
CATEGORY: Elective
PREREQUISITE: Biology
LENGTH: 1 Year

Digital Electronics (City High)
Digital Electronics is the study of electronic circuits that are used to process and control digital signals. The major focus of the DE course is to expose students to the design process of combinational and sequential logic design, teamwork, communication methods, engineering standards, and technical documentation. Utilizing the activity-project-problem-based methods of all PLTW courses, students will analyze, design and build digital electronic circuits. While implementing these designs students will continually hone their interpersonal skills, creative abilities and understanding of the design process. The four main units covered in detail are: Foundations of Digital Electronics, Combinational Logic Analysis & Design, Sequential Logic Analysis & Design and an Introduction to Microcontrollers.
GRADE LEVEL: 10-12
CATEGORY: Elective
PREREQUISITE: Introduction to Engineering Design or Principles of Engineering
LENGTH: 1 Year

Science
The 9th grade science course is Earth and Space Science. Students who are planning to complete four years of high school science enrolling in courses such as Honors Chemistry, AP Biology, AI Chemistry, and AP Physics are permitted to enroll in Biology as a ninth grade student in addition to the Earth and Space science course. These students should also be enrolled in Geometry as a 9th grade student in order to meet the math requirement for Honors Chemistry which will be taken in their 10th grade year.
Three PLTW courses, (Principles of Engineering Environmental Sustainability and Aerospace Engineering) count toward Science elective credit at West High, however they cannot be used to fulfill Science requirements.

Earth and Space Science
Earth and Space Science is designed to give students an opportunity to investigate science and its relationship to society and the natural world through laboratories and activities. Emphasis is on the connection of earth and space science concepts to everyday interests and concerns. Topics of study will include Earth’s Place in the Universe, Earth’s Systems, and Earth and Human Activities. Students will be asked to behave as scientists, to think, ask questions, investigate problems, and design their own experiments.
GRADE LEVEL: 9-12
CATEGORY: Fulfills Science requirement
PREREQUISITE: None
LENGTH: 1 Year

Biology
Biology provides all students with experiences to foster understanding of life processes at the molecular, cellular, organism, ecosystem and global levels. Students explore and analyze the interconnected central themes in biology: science as a process of knowing, structure and function, change over time and the interdependence of nature. The course incorporates laboratory inquiry, use of higher-order thinking skills, and investigation of current issues in technology and society.
GRADE LEVEL: 9-12
CATEGORY: Fulfills Science requirement
PREREQUISITE: None
LENGTH: 1 Year

AP Biology
AP Biology is a challenging second-year course intended to immerse students in the
Secondary Science Course Map

Science Issues and Applications 1

Science Issues and Applications 2

Earth and Space Science

Biology

Chemistry

Honors Chemistry

AP Biology*

AP Chemistry**

AP Physics***

Physical Science

Physics

*AP Biology can be taken concurrently with Honors Chemistry

**Honors Chemistry is a prerequisite for AP Chemistry

***Pre-Calc or current enrollment in Pre-Calc is a prerequisite for AP Physics
environment of a first-year college Biology class. The course centers on the four Big Ideas of AP Biology: 1. Evolution: the process of evolution drives the diversity and unity of life. 2. Energy: biological systems utilize free energy and molecular building blocks to grow, to reproduce, and to maintain dynamic homeostasis. 3. Information: living systems store, retrieve, transmit and respond to information essential to life processes. 4. Systems: biological systems interact, and these systems and their interactions possess complex properties. Specific preparation for the AP Biology Exam is a feature of the course. Current or previous enrollment in chemistry or honors chemistry is strongly recommended.

**AP Chemistry**

AP Chemistry is a challenging and rigorous course which parallels a first-year college chemistry course. AP Chemistry is designed for highly motivated students interested in pursuing science related fields such as engineering, medicine and the physical sciences. Some of the topics include: Stoichiometry, Thermodynamics, Atomic Structure, Quantum Mechanics, Periodicity, Kinetics, and Electrochemistry. It follows the curriculum prescribed by the College Board and provides preparation for the AP Chemistry Exam.

**GRADE LEVEL**: 11-12  
**CATEGORY**: Fulfills Science requirement  
**PREREQUISITE**: Honors Chemistry  
**LENGTH**: 1 Year

**Physics**

This course seeks to build a strong conceptual understanding of physics. This is a base for all students to view nature more perceptively to see that surprisingly few relationships make up all its rules. Emphasis will be placed on the development of understanding through analysis of lab activities and in-class discussion. For students wishing further study in science, it provides a conceptual base and a springboard to a greater involvement in sciences, as students will develop problem solving, critical thinking, and data analysis skills that are relevant to a wide variety of subject areas.

**GRADE LEVEL**: 11-12  
**CATEGORY**: Fulfills Science requirement  
**PREREQUISITE**: Geometry  
**LENGTH**: 1 Year

**American Studies**

American Studies surveys the political, economic, social, and diplomatic development from the late 1800s to the present. The course examines the important issues, personalities, and events from the time period and is designed so that students gain an understanding and appreciation of how the past and present are connected. Through a variety of learning opportunities, students will develop critical thinking skills that can be applied to past, present, and future events.

**GRADE LEVEL**: 9-10  
**CATEGORY**: Fulfills U.S. History requirement  
**PREREQUISITE**: None  
**LENGTH**: 1 Year

**World History for Tomorrow**

This course offers a survey of world history. We will examine major civilizations and events as they occurred in time. Within this chronological framework, we will present, discuss and evaluate several important content themes, and help develop basic analytical skills. This course will address the following content themes: 1.
Patterns and impacts of interaction among major societies: trade war, diplomacy, and international organizations. 2. Relationship of change and continuity across the time periods of this course. 3. Impact of technology and demography on people and the environment. 4. Systems of social structure and gender roles within and among societies. 5. Cultural and intellectual developments and interactions within and among societies. 6. Changes in functions and structures of states and in attitudes toward states and political identities.

**GRADE LEVEL:** 10-12  
**CATEGORY:** Fulfills World History requirement  
**PREREQUISITE:** None  
**LENGTH:** 1 Year

**Economics**

Economics studies how individuals, businesses, and governments deal with scarce resources. Emphasis is placed on the basic concepts, principles, and reasoning skills related to economic choices so that students will become informed consumers, workers, and citizens.

**GRADE LEVEL:** 11-12  
**CATEGORY:** Fulfills Economics requirement  
**PREREQUISITE:** None  
**LENGTH:** 1 Trimester

**AP US History**

The AP U.S. History course focuses on developing students’ understanding of American history from approximately 1491 to the present. The course has students investigate the content of U.S. history for significant events, individuals, developments, and processes in nine historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides seven themes (American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society) that students explore throughout the course in order to make connections among historical developments in different times and places.

**GRADE LEVEL:** 10-12 (City High Freshmen may register for this course if they achieved all A’s in 8th grade social studies classes AND achieved at the 97th percentile on the Iowa norms (or equivalent) composite score or equivalent.)  
**CATEGORY:** Fulfills U.S. History requirement  
**PREREQUISITE:** None  
**LENGTH:** 1 Year

**AP Human Geography (West & Liberty High)**

AP Human Geography presents high school students with the year-long curricular equivalent of an introductory college course in human or cultural geography. The course is focused on applying geographic skills to real world issues and problems that are global and historical in scope. Emphasized topics include an analysis of population, politics, culture, agriculture, economic development, and urban development and their impacts on human activities and the environment.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Fulfills World History requirement  
**PREREQUISITE:** None  
**LENGTH:** 1 Year

**AP European History (West High)**

AP European History includes history as content and methodology, while examining historical continuity along with change and traditional themes: 1) political and diplomatic; 2) intellectual and cultures; and 3) economic and social history. The AP course is designed to cover the post-1450 period of European History, focusing on the transition from feudal systems to the rise of early modern and modern institutions, beliefs, and movements. This course has a high volume of reading and features many writing assignments.

**GRADE LEVEL:** 10-12  
**CATEGORY:** Fulfills World History requirement  
**PREREQUISITE:** None  
**LENGTH:** 1 Year

**AP World History (City & Liberty High)**

AP World History is a yearlong course that expands students’ understanding of world history from 8000 B.C.E. to the present. The course has students analyze the content of world history for significant events, individuals, developments, and processes in six historical time periods. Students will work to develop the same historical thinking skills and methods used by historians when they study the past. The course focuses on five themes: the interaction between humans and the environment; the development and spread of cultures; state building, expansion, and conflict; the creation and growth of economic systems; and the formation and transformation of social structures. The course challenges students to make connections among different times and places encompassing the five major geographica regions of the globe: Africa, the Americas, Asia, Europe, and Oceania.

**GRADE LEVEL:** 10-12  
**CATEGORY:** Fulfills World History requirement  
**PREREQUISITE:** (1) Completion of a Summer Reading Assignment; and (2) Recommendation of American Studies teacher.  
**LENGTH:** 1 Year

**AP Government & Politics**

AP Government & Politics focuses on the fundamental principles, institutions, processes and policies related to United States government and politics. Emphasized topics include the US Constitution, federalism, civil liberties & civil rights, linkage institutions, national policy-making institutions and the creation and implementation of public policy.

**GRADE LEVEL:** 11-12
The Civil War (City High)
The Civil War has been called the defining moment in American History. By examining the political, social and military aspects of the war, students will have a better understanding of why this war was fought. Students will study American society before and during the conflict, the North and South, Iowa’s role before and during the war, battles and campaigns. Students will be responsible for one research paper and presentation.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: None
LENGTH: 1 Trimester

Behavioral Science (City High)
This survey course introduces students to psychology, sociology, and anthropology. The human life span is emphasized: the child and the family, adolescence, the elderly, death and dying. A better understanding of self and others is intended.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: None
LENGTH: 1 Trimester

General Psychology (City High)
This is a survey course that introduces students to the behavior of the individual human being and an understanding of their own behavior. Areas of study include a brief introduction to the field of psychology, psychophysiology, consciousness, learning and memory, creativity, personality, and life adjustment.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: None
LENGTH: 1 Trimester

Abnormal Psychology (City High)
This course deals primarily with behavior that our society deems non-normal or abnormal. Units include: Emotional Disorders (anxiety, multiple-personality), Mental Disorders (schizophrenia), Mood Disorders (depression, suicide), Psychosexual Disorders (rape), and Personality Disorders (antisocial). Students planning medical, legal, criminal justice or other service-oriented occupations are encouraged to take this course.
GRADE LEVEL: 12
CATEGORY: Elective

PREREQUISITE: One of the following: AP Psychology, Behavioral Science, General Psychology or Sociology
LENGTH: 1 Trimester

Psychology I (West High and Liberty High)
The Psychology courses introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are encouraged to register for all three Psychology courses. Units of study include: Psychology’s History and Approaches; Research Methods of Psychological Science; and Biological Bases of Behavior.
GRADE LEVEL: 11-12
CATEGORY: Elective
PREREQUISITE: Psychology I.
LENGTH: 1 Trimester

Psychology II (West & Liberty High)
Psychology II is a continuation of Psychology I with the continued focus of the scientific study of psychology. Units of study include: Biological Bases of Behavior: Genetics; Sensation and Perception; States of Consciousness; Learning: Classical and Operant Conditioning, Thinking, Problem Solving, Creativity, and Language; Learning Intelligences-Testing and Individual Differences; and Motivation and Emotions, Stress, and Health.
GRADE LEVEL: 11-12
CATEGORY: Elective
PREREQUISITE: Psychology I.
LENGTH: 1 Trimester

Psychology III (West & Liberty High)
Psychology III is a continued focus on the scientific study of psychology and is the conclusion of the introductory course in the field of psychology. Units of study include: Developmental Psychology; Personality; Abnormal Behavior; Treatment of Psychological Disorders; and Social Psychology.
GRADE LEVEL: 11-12
CATEGORY: Elective
PREREQUISITE: Psychology I & II.
LENGTH: 1 Trimester

Sociology
Sociology is a survey course that introduces students to the study of human society and social behavior. The study of sociology helps students gain a better understanding of their interpersonal relationships and the forces that affect us in social situations. Areas of study...
include an introduction to the field of sociology, concepts and issues relevant to group and societal interactions and the influence of social conditions on people’s lives.

**GRADE LEVEL:** 10-12  
**CATEGORY:** Elective  
**PREREQUISITE:** None  
**LENGTH:** 1 Trimester

**Debate**
This elective course will introduce students to the concepts of academic educational debating as is currently conducted in competitive high school speech and debate. Students will work on analysis and synthesis of information as well as skills in argumentation, research, delivery, refutation, and organization. Although not a requirement of the course, interested students are strongly encouraged to join the school’s debate team.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** None  
**LENGTH:** 1 Trimester

**World Language**

**Spanish I**
Spanish I provides the basic foundation of language learning in listening comprehension, speaking, reading, and writing. Language is taught through a variety of everyday situations and within a context of the culture of Spanish-speaking countries. Areas of study include: greetings and conversation, foods, numbers, dates, weather, seasons, family, home, school activities, friends, culture, everyday Spanish life, Spanish speaking countries, idiomatic phrases, pronunciation, and grammatical structures. Emphasis is placed on communication using appropriate grammar and vocabulary. Students participate in a variety of activities and do daily homework to develop an acceptable level of language proficiency. Students may elect Spanish II or Spanish II Honors after this course.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** None  
**LENGTH:** 1 Year

**Spanish II**
Spanish II expands students’ knowledge of the Spanish language and their understanding of the culture. A variety of everyday situations also let the student practice these new skills. Areas of study include: conversational phrases, short stories, cultural studies and a variety of grammatical structures. Spanish II builds on the language foundation begun in Spanish I. Emphasis on communication with necessary grammar and vocabulary continues. Students may elect Spanish III or Spanish III Honors after this course. Students must pass each trimester in order to continue to the next trimester or level of language study.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** Successful completion of Spanish I  
**LENGTH:** 1 Year

**Spanish II Honors**
Spanish II Honors is for highly motivated students who have shown proficiency and talent in language learning and are interested in expanding their knowledge of the language and culture. This course is intended for students with a high level of self-motivation who wish to explore grammar, vocabulary, and cultural topics in more depth than the Spanish II regular offering. This course builds on the foundation from Spanish I. The goal is to increase student proficiency in all skills through extensive speaking, reading, writing, listening, and cultural study. The class is conducted primarily in Spanish. Students may elect Spanish III or Spanish III Honors after this course. Students must pass each trimester in order to continue to the next trimester or level of language study.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** Successful completion of Spanish I and prior approval of a Spanish teacher  
**LENGTH:** 1 Year

**Spanish III**
Spanish III reviews previously learned skills, expands vocabulary and introduces more complex language. Includes a comprehensive review of material presented in Spanish I and II. Students improve their language proficiency and broaden their understanding of Hispanic cultures. Other specific areas of study include: art, and music, and how Hispanic cultures interact with our own. Legends, short stories, and various other materials are read. Much of the class is conducted in Spanish. Students may elect either Spanish IV or AP Spanish IV after this course. Students must have a passing grade at the end of each trimester in order to continue to the next trimester or level of language study.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** Successful completion of Spanish III  
**LENGTH:** 1 Year

**Spanish IV**
Spanish IV strengthens and increases communication skills in the areas of speaking, listening, writing, and cultural understanding. In this course, students are exposed to selected Spanish literature, history and culture; increase vocabulary and language skills via exposure to authentic sources; and learn to write and speak spontaneously on different topics, implementing previously learned grammatical concepts. The course is conducted primarily in Spanish and is preparatory for college placement. Students must have a passing grade at the end of each trimester in order to continue to the next trimester or level of language study. Students who are enrolled in this course are eligible to participate in a two-week trip to Spain in March. Students may elect to take AP Spanish IV or AP Spanish V after this course.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** Successful completion of Spanish III  
**LENGTH:** 1 Year

**AP Spanish IV**
AP Spanish IV is the first year of a rotating curriculum, intended for highly motivated students who aim to improve their skills and/or continue Spanish in college. The goal is to increase language proficiency in all skills through extensive speaking, reading, writing and
listening, with much cultural study. The course is conducted completely in Spanish. Given that the class is preparatory for college placement and achievement tests, students receive practice for the AP Spanish Language and Culture Exam. The curriculum is theme based and includes discussions about a wide variety of contemporary issues. Authentic listening and reading will be presented via Spanish television, newspaper articles, and magazines. Students who are enrolled in this course may elect to participate in a two-week trip to Spain in March.

**French I**
French I provides the basic foundation for language learning in listening comprehension, speaking, reading, writing and culture. Emphasis is on communication using appropriate grammar and vocabulary. Language is taught through a variety of everyday situations and within the context of the culture of French-speaking countries. Areas of study include: pronunciation, greetings and conversation, colors, numbers, dates, weather, seasons, vocabulary related to family, home, school, activities and friends, cultural items, geography, everyday French life, French songs, idiomatic phrases, grammar structures, the present tense of regular and irregular verbs, adjectives and adverbs. Students participate in activities and do daily homework to develop language proficiency. Students must have a passing grade at the end of each trimester in order to continue to the next trimester or level of language study.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** None  
**LENGTH:** 1 Year

**AP Spanish V**
AP Spanish V is a continuation course for students who have completed Spanish IV or AP Spanish IV. The course is intended for highly motivated students who wish to both improve and maintain their Spanish skills. The curriculum is an extension of the AP Spanish IV themes and will include a continued development of oral and writing skills as well as reading of authentic short stories and poetry by Latino authors, viewing of films, and discussions related to the cultural themes. The course will be conducted completely in Spanish with emphasis on advanced speaking and writing skills. Students who are enrolled in this course may elect to participate in a two-week trip to Spain in March.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** Successful completion of Spanish III Honors or prior approval of a Spanish III teacher  
**LENGTH:** 1 Year

**French II**
French II builds on the basic foundation begun in French I. Emphasis on communication with necessary grammar and vocabulary continues. The class expands the students’ knowledge of the French language and French culture. Grammar study is expanded to help the student learn to use the language. A variety of everyday situations allows the student to practice the language skills. Audio and video recordings and computer software are used to enrich the learning experience. Areas of study include: pronunciation, vocabulary, cultural capsules, idiomatic phrases, regular and irregular verbs in the present, past and immediate future tenses, grammar structures including object pronouns, comparisons of adjectives and adverbs, uses of the infinitive, foods and cooking, geography, short stories and plays. Students must have a passing grade at the end of each trimester in order to continue to the next trimester or level of language study.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** Successful completion of French I  
**LENGTH:** 1 Year

**AP French IV/V**
This AP French IV/V course is intended for students who wish to both improve and maintain their French skills. This AP French curriculum rotates; it is theme based and includes a grammar review, continued development of speaking, listening, reading and writings skills through the use of authentic literature, film and a variety of materials from the Francophone world. Students will participate in discussions about contemporary issues facing French/ francophone societies. Students will work to prepare for the AP exam, college entrance/placement exams and travel to France for the optional spring break trip.

**GRADE LEVEL:** 9-12  
**CATEGORY:** Elective  
**PREREQUISITE:** Successful completion of French III  
**LENGTH:** 1 Year
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: Successful completion of French III and prior approval of a French teacher
LENGTH: 1 Year

SUCCESS CENTER

The Success Center is designed to help students become more successful at mastering the academic and communication skills necessary to navigate high school. Placement in Success Center is based on recommendations from administrators, counselors, and/or teachers.
GRADE LEVEL: 9-12
CATEGORY: Elective
PREREQUISITE: None
LENGTH: 1 Year

HOW COLLEGE WORKS

Explores individual strengths, strategies for solidifying personal responsibility, college readiness/academic success strategies, career readiness/vocational goals for students as they identify a college program or major. Emphasizes differences between high school and college expectations. Identifies appropriate career areas. Offers aids in taking and using placement tests for college admission and personal financial management. This is a dual credit Kirkwood Community College course.
GRADE LEVEL: 11-12
CATEGORY: Elective
PREREQUISITE: None
LENGTH: 1 Semester

ENGLISH LANGUAGE LEARNER PROGRAM

The English Language Learner Program offers high quality English language instruction and support for ELs to meet academic standards through curriculum aligned to IA Core and English Language Proficiency Standards in all subject areas. Students who are not yet proficient in the English language are assessed according to state/federal guidelines and placed in language development courses as part of their general education program. Courses are offered for beginning, intermediate, and advanced English learners and provide explicit instruction in all of the language domains (listening, speaking, reading, and writing) with an emphasis on developing academic language proficiency. Sheltered content courses for ELs provide support in learning core subject matter while promoting language development.