2015-2016
Curriculum Guide
&
Course Catalog
# JHS Course Catalog
## 2015-2016 School Year
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</table>
Dear Students and Parents,

This 2015-2016 JHS Curriculum Guide and Course Catalog offers a variety of courses designed for our students so that they can reach their academic potential and have an enjoyable high school experience. By thoughtfully planning a coordinated sequence of academic and career related courses, all students will be better prepared for life after high school.

After high school, Jefferson High School graduates continue their educations at four-year colleges and universities, community colleges, technical institutions, in the military, or in apprenticeship/training programs as they strive to meet their own academic and/or career goals.

When reviewing this document please notice that it is possible to earn college credits when taking some of the offered courses.

Sincerely,

Cathy Emmert,
Principal
JHS Regular Diploma
Class of 2016

Credit Requirements – 26 Credits

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Language Arts</td>
<td>4 credits</td>
</tr>
<tr>
<td>Mathematics (Algebra 1 &amp; above)</td>
<td>3 credits</td>
</tr>
<tr>
<td>Science (3rd credit to include 1 of the following: NRS, Physics, Adv. Biology, Chemistry, Earth Space Science, &amp; Forensic Science)</td>
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</tr>
<tr>
<td>Social Science (World Cultures, American Cultures, Government)</td>
<td>2.5 credits</td>
</tr>
<tr>
<td>Career &amp; Technical Education, The Arts, and/or Second Language (any one area or in combination)</td>
<td>3 credits</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1 credit</td>
</tr>
<tr>
<td>Health Education</td>
<td>1 credit</td>
</tr>
<tr>
<td>Senior Seminar</td>
<td>.5 credit</td>
</tr>
<tr>
<td>Economics</td>
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<tr>
<td>Junior Seminar</td>
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</tr>
<tr>
<td>Electives</td>
<td>7 credits</td>
</tr>
</tbody>
</table>

Requirements for Valedictorian/Salutatorian:
The valedictorian and salutatorian will be the student(s) with the highest accumulative grade point averages after seven semesters who earn a Jefferson High School Honors Diploma. To be eligible, a student must attend Jefferson High School at least two semesters (during their senior year) and have 21 credits or more from the National Honor Society's list of weighted classes, and be eligible to obtain a Jefferson High School honors diploma. Seventh and/or eighth grade classes do not count toward GPA in high school. In case of a tie, co-valedictorians and/or salutatorians will be honored. For more information on weighted classes and honors diplomas, see the credit and forecasting guide at the Jefferson School District’s web site: www.jefferson.k12.or.us

Weighted Classes must be requested before 2nd semester of senior year.

Personalized Learning Requirement

Education Plan and Profile – Develop an education plan and build an education profile to guide learning toward personal, career and post-high school goals

Career-Related Learning Experiences – Participate in experiences that connect classroom learning with real life experiences in the workplace, community, and/or school relevant to their education plan

Career-Related Learning Standards – Demonstrate career-related knowledge and skills: personal management, teamwork, communication, problem solving, employment foundations, career development

Extended Application – Apply and extend knowledge and skills in new and complex situations related to the student’s personal career interests and post-high school goals
CREDIT REQUIREMENTS – 26 credits

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<th>Subject</th>
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JHS Honors Diploma  
Class of 2017 & Beyond

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Requirements and Support/Counseling Program

The purposes of the counseling program and PRIDE groups are to assist each student to discover and develop his/her potential. Through individual and group conferences with the counselor and your PRIDE group instructor each student has the opportunity to discuss and assess personal goals and to examine how they can be attained. During the year, students are encouraged to meet with our counselor to talk about matters of concern. Our counselor provides information about courses of study in high school, post-high school educational and technical programs, and job opportunities.

School Records – Transfers and Rights

Withdrawals: Students moving out of the district are required to report to the student services office on the last full day of attendance with an authorization from parent/guardian. Failure to formally withdraw may result in long delays in sending academic records to the new school and potential loss of credit. When notice of a student's enrollment in another school is received, the registrar will send academic records to the new school within 10 days.

Should parents desire to challenge the accuracy or appropriateness of a record; a hearing will be arranged within 45 days of the request. The building principal will make specific arrangements for the hearing. Both informal and/or formal hearings may be requested. Parents may enter a statement in the record regarding the record contents. A copy of any portion of the record may be furnished to the parent for personal purposes. If the cost becomes excessive, a fee will be charged for supplying the records. When a student reaches the age of 18 or is attending a post-secondary school, the rights to inspect and challenge the records shall be accorded only to the student.
OREGON UNIVERSITY SYSTEM (OUS) BASIC COLLEGE ENTRANCE REQUIREMENTS

Applicants must satisfactorily (grade of C- or above) complete at least 15 units/16 units for the U.O. (one year equal to one unit) of college preparatory work. There are also GPA requirements and admissions test (SAT or ACT) requirements.

**English** (4 units).

**Mathematics** (3 units). A minimum of three years through Algebra 2.

**Science** (3 units).

**Social Studies** (3 units).

**World Language** (2 units). A minimum of two years of the same high school-level second language, or a C- or above in the third year of a high school-level language, or two terms of a college-level second language with a grade of C- or above, or satisfactory performance on an approved assessment of second language proficiency. Demonstrated proficiency in American Sign Language meets the second language requirement.

In addition to the above requirements, it is recommended that students take four years of Science, Math and Social Studies as well as 4 years of a second language when possible. Other recommendations are:

1. Take a rigorous course schedule. While high school grades and SAT/ACT scores are important, colleges want to see that you have selected challenging courses that will help you grow academically.
2. Get involved in school activities, especially in leadership and community service roles. Colleges want students who will enhance the educational environment in a special way.
3. Volunteer your time! Get involved and give back to your community. It is especially positive to have an experience that is directed toward a specific future interest (career or otherwise).

**College G.P.A. Requirements**

Schools in the Oregon University System require the following grade point average for entrance:

<table>
<thead>
<tr>
<th>School</th>
<th>G.P.A.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oregon State University</td>
<td>3.00</td>
</tr>
<tr>
<td>University of Oregon</td>
<td>3.00</td>
</tr>
<tr>
<td>Western Oregon University</td>
<td>2.75</td>
</tr>
<tr>
<td>Portland State University</td>
<td>3.00</td>
</tr>
<tr>
<td>Eastern Oregon University</td>
<td>2.75</td>
</tr>
<tr>
<td>Southern Oregon University</td>
<td>3.00</td>
</tr>
<tr>
<td>Oregon Institute of Technology</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Students with a G.P.A. below the minimums may be approved for admission after campus review of proficiencies, standardized test scores, and non-cognitive factors that predict success in college.

**Automatic Admission for Oregon Students:** Oregon now offers a new Automatic Admissions option for in-state students, to recognize students who show strong preparation for college in certain assessments of the new Oregon High School Diploma. For more information, go to: [www.ous.edu/autoadmission](http://www.ous.edu/autoadmission).
Scheduling Procedures

1. Students are given a list of class offerings in the spring. These offerings are based on both state and district graduation requirements, and predicted student preferences.

2. Students are encouraged to give careful thought to the classes that they choose. A forecasting process will take place with the counselor in April of each school year. This will allow students to choose their classes, including required and elective subjects. This process will then be used to determine the master schedule for the upcoming school year.

3. Students will receive their schedules at registration in late August. Schedule change requests may be made at that time. Once the semester begins, students are given three days in which to change their schedule.

Schedule Change Procedures

Students may be allowed to drop a class without penalty during the first three school days of a new semester. After three school days a student may receive a failing grade for a dropped class. A student may withdraw from a class during the first three days for the following reasons:

- A family or medical emergency
- Enrollment in another school
- An administratively directed change in schedule requiring the student to drop the class
- A transfer to an alternative placement

Students will earn full credit for classes added within three days of the new semester. To change a schedule, a student must make application through the school's counselor. Before approving a student's request, the counselor will consider class loads, teacher resources and course content. If a schedule change is approved, a student must make up all the necessary work before the end of the grading period.

If a student requests adding a class after more than three days, they must apply through the counselor. The counselor will consult with the course instructor about the appropriateness of late entry to the class and will review the case with the administration and teacher before making a decision.

NOTE: Students must continue to attend the “old” class until all the paperwork is completed.

Schedule Changes and Year-Long Classes:

If a student has signed up for a year-long class, the student has committed to be in it for the entire year. The master schedule is determined around the student’s initial course selections and cannot be changed mid-year. Only academically sound reasons will be considered in making an exception to this policy. If a student does change a year-long class at semester and is not failing the class, the student may be placed in a study hall for no credit.

If a student requests changing a year-long class at semester, 1) they must apply through the counselor, 2) the counselor will consult with the teacher, 3) the counselor will consult with the administrator and 4) parental permission will be obtained. If a student makes a change to their schedule outside the time allowed for schedule changes he or she will receive an “F” on their transcript for that class.
Academic Advising

Basic Attendance Requirements

Jefferson School District normally requires a minimum of four years of high school attendance to receive a diploma. Students who enroll in accredited on-line courses may be permitted to apply these courses toward an accelerated graduation ONLY after approval from the parent, counselor and administration. Early graduation will be allowed only after state and district requirements, other than semesters of attendance, have been satisfied.

Credit deficiencies existing at the end of the senior year can be made up by attending a fifth year at Jefferson High School. These credit deficiencies must be completed within five years of the graduation date of the class in which the student was enrolled.

Students with specific disabilities are encouraged to see the high school counselor to design alternative educational program needs.

Conversion Credit/Transfer Credits

Students transferring to Jefferson High School from schools with a six-period day will be given 1/2 additional elective credit for each semester in full-time attendance at their previous school. All other credits are reviewed and transferred to a Jefferson transcript for credit. Transferred credits are classified according to subject category. When course subject matter or title clarification is needed, the previous school is contacted.

CREDITS FROM NON-ACCREDITED SCHOOLS WILL NOT BE ACCEPTED FOR TRANSFER.

Expanded Options

The Jefferson School District will pay for eligible students who are enrolled as a full-time student in either 11th or 12th grade, and at least 16 years old, to take courses at Chemeketa Community College, Linn Benton Community College or any of the other public Oregon colleges and universities that participate in the program. Enrollment in this program occurs in response to the principal’s letter sent in February to parents of students who will be at least 16 years of age by September (Jrs/Srs).

Requirements for Class Standing

In order to be a student promoted to a higher class standing, a student must have accumulated the following credits by the beginning of the school year.

- Freshman standing – completion of the 8th grade
- Sophomore standing – completion of 5 credits
- Junior standing – completion of 11.5 credits
- Senior standing – completion of 18.5 credits
- Graduate standing – completion of 26 credits class of 2016 & beyond

Students failing to meet grade level credit requirements will remain at the present grade level until the requirements are met to move to the next grade level.

If you are more than 1 credit behind, please see the counselor to discuss possible ways to earn additional credits.
College Credits Available

College Credit Now and The Willamette Promise Programs provides high school students dual credit for college level courses while completing their high school program. High school instructors teach courses and content, reviewed and approved in collaboration with community college/university faculty. Course outlines and textbooks are reviewed for college equivalency in order to maintain the integrity of college accreditation.

Students receiving credit from College Credit Now have priority status in enrollment at Chemeketa Community College. Students can also earn credit from Corban University, OIT, and Western Oregon University.

College Release Program

Seniors may be released to attend a community college provided that their release will not jeopardize other graduation requirements. Students may use college release to take enrichment classes not offered at JHS, or to earn additional high school and/or college credits. These courses and grades will be entered on the students’ transcripts at the end of each term.

High school students must have written parental permission and approval from the counselor and administration to attend college classes. Underage Enrollment forms are available in the counseling office.

JHS will award ½ unit of credit for every 3 hours of college credit that is satisfactorily completed.
Policies and Procedures

Credit by Examination/Proficiency

A procedure has been established to allow students to challenge a course required for graduation. Students must apply and receive counselor and administrator approval before enrollment in the course and receive a minimum of 70% on the challenge exam. This is a graded exam, it is not a pass/fail. **It will be computed in your GPA and placed on your transcript as a letter grade.** For additional details, see the school’s counselor.

Credit Recovery/Independent Study

Students who fail a required course may earn that credit by retaking the course. Credit may also be earned outside the regular school program if the recovery plan has been previously approved by the counseling department or in credit recovery class(es) at JHS. The student is responsible for any cost incurred for credit earned outside of regular school.

Eligibility for Activities and Athletics

According to the ASAA policy, all students who are planning to participate in athletics and/or activities must be currently enrolled in a minimum of five classes, and must have passed five classes the previous semester to be eligible. There are additional Jefferson School District eligibility requirements. Please see the Athletic/Activities Handbook for that information.

Incompletes

Students are allowed no more than two weeks after the end of the semester to complete and submit to their teachers any work necessary to earn credit for the semester. If not completed within that time, they will automatically receive an “F”.

Participation in Commencement Exercises

Students will be permitted to participate in commencement exercises if they have completed all requirements for earning a diploma, paid all fees, and attended all commencement exercise rehearsals.

Valedictorian and Salutatorian

The valedictorian and salutatorian will be the student(s) with the highest accumulative grade point averages after seven semesters who earn a **Jefferson High School honors diploma**. To be eligible, a student must attend Jefferson High School at least two semesters (during their senior year) and have 21 credits or more from the National Honor Society’s list of weighted classes. Seventh and/or eighth grade classes do not count toward GPA in high school. In case of a tie, co-valedictorians and/or salutatorians will be honored.
## JEFFERSON HIGH SCHOOL
### CLASS OFFERINGS
*(Including information on weighted classes)*

**KEY:**  + Honor Society  
* College Level Class Offering  
R = Required  
E = Elective  
AR = Art/Career Tech/Foreign Language  
S = Selective

<table>
<thead>
<tr>
<th>DEPARTMENT/CLASS</th>
<th>TYPE</th>
<th>LENGTH</th>
<th>OFFERED</th>
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<tr>
<td><strong>AGRICULTURE/TECHNOLOGY</strong></td>
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<tr>
<td>Ag I/Intro Ag &amp; Ag II</td>
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<td>AR/E</td>
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<td>Adv. Horticulture</td>
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<td>Green House Management</td>
<td>AR/E+</td>
<td>S/Y</td>
<td>11-12</td>
</tr>
<tr>
<td><strong>BUSINESS</strong></td>
<td></td>
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</tr>
<tr>
<td>Accounting I</td>
<td>E+</td>
<td>Y</td>
<td>10-12</td>
</tr>
<tr>
<td>Accounting II</td>
<td>E+</td>
<td>Y</td>
<td>11-12</td>
</tr>
<tr>
<td>Business Computer Tech</td>
<td>AR</td>
<td>S</td>
<td>9-12</td>
</tr>
<tr>
<td>Student store Manager</td>
<td>E+</td>
<td>Y</td>
<td>11-12</td>
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<tr>
<td><strong>CAREER DEVELOPMENT</strong></td>
<td></td>
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</tr>
<tr>
<td>Senior Seminar</td>
<td>R+</td>
<td>S</td>
<td>12</td>
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<tr>
<td><strong>FINE ARTS</strong></td>
<td></td>
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<tr>
<td>Art A/B</td>
<td>AR/E</td>
<td>Y</td>
<td>9-12</td>
</tr>
<tr>
<td>Advanced Art</td>
<td>AR/E+</td>
<td>S/Y</td>
<td>10-12</td>
</tr>
<tr>
<td>Yearbook</td>
<td>AR/E+</td>
<td>Y</td>
<td>10-12</td>
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<tr>
<td><strong>FOREIGN LANGUAGE</strong></td>
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</tr>
<tr>
<td>Spanish I</td>
<td>AR/E+</td>
<td>Y</td>
<td>9-12</td>
</tr>
<tr>
<td>Spanish II</td>
<td>AR/E+</td>
<td>Y</td>
<td>9-12</td>
</tr>
<tr>
<td>Spanish III *</td>
<td>AR/E+</td>
<td>Y</td>
<td>10-12</td>
</tr>
<tr>
<td>Spanish IV *</td>
<td>AR/E+</td>
<td>Y</td>
<td>11-12</td>
</tr>
</tbody>
</table>

*College Credit possible for this course. Additional minimal fees will be required for College Credit.*

~Not all courses are offered every year.
<table>
<thead>
<tr>
<th>LANGUAGE ARTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>LA 1</td>
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<tr>
<td>LA 2</td>
</tr>
<tr>
<td>LA 3</td>
</tr>
<tr>
<td>LA 4 *</td>
</tr>
<tr>
<td>Advanced Language Arts IV *</td>
</tr>
<tr>
<td>(Instructor Approval)</td>
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<tr>
<td>Applied Language Arts</td>
</tr>
<tr>
<td>Media Studies/Writing</td>
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<thead>
<tr>
<th>MATH</th>
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<tbody>
<tr>
<td>Found. of Alg. A/B</td>
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<tr>
<td>Found. of Alg. C/Found. Geom. A</td>
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<tr>
<td>Found. of Geom. B/C</td>
</tr>
<tr>
<td>Algebra 1 *</td>
</tr>
<tr>
<td>Geometry</td>
</tr>
<tr>
<td>Algebra 2 *</td>
</tr>
<tr>
<td>Math Analysis 1 *</td>
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<tr>
<td>Math Analysis 2 *</td>
</tr>
<tr>
<td>Math Analysis 3 *</td>
</tr>
<tr>
<td>Intro to Comp. Sci.*</td>
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</tbody>
</table>

Note: 3 credits of math are required for graduation from Algebra 1 and higher

<table>
<thead>
<tr>
<th>PERFORMING ARTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concert Band</td>
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<tr>
<td>Jazz Band</td>
</tr>
<tr>
<td>Concert Choir</td>
</tr>
<tr>
<td>Harmonix</td>
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<tr>
<td>Drama</td>
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<tr>
<td>Adv. Drama</td>
</tr>
<tr>
<td>Play Productions</td>
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</tbody>
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<table>
<thead>
<tr>
<th>PHYSICAL EDUCATION/HEALTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recreational Sports</td>
</tr>
<tr>
<td>Athletic Conditioning</td>
</tr>
<tr>
<td>Health I</td>
</tr>
<tr>
<td>Health II</td>
</tr>
</tbody>
</table>

NOTE: Students must earn at least 1.0 credit in PE to graduate.
*College Credit possible for this course. Additional minimal fees will be required for College Credit.

~ Not all courses are offered every year.

### SCIENCE

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Grade</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science For Life</td>
<td>R</td>
<td>Y</td>
<td>10</td>
</tr>
<tr>
<td>Physical Science</td>
<td>R+</td>
<td>Y</td>
<td>9-10</td>
</tr>
<tr>
<td>Biology *</td>
<td>R+</td>
<td>Y</td>
<td>9-10</td>
</tr>
<tr>
<td>Chemistry *</td>
<td>E+</td>
<td>Y</td>
<td>11-12</td>
</tr>
<tr>
<td>Physics</td>
<td>E+</td>
<td>Y</td>
<td>11-12</td>
</tr>
<tr>
<td>Earth/Space Systems Science</td>
<td>E+</td>
<td>Y</td>
<td>10-12</td>
</tr>
<tr>
<td>Advanced Biology *</td>
<td>E+</td>
<td>Y</td>
<td>10-12</td>
</tr>
<tr>
<td>Natural Resource Science *</td>
<td>E+</td>
<td>Y</td>
<td>11-12</td>
</tr>
<tr>
<td>Forensic Science</td>
<td>E+</td>
<td>Y</td>
<td>11-12</td>
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</table>

### SOCIAL STUDIES

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Grade</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>World Cultures</td>
<td>R+</td>
<td>Y</td>
<td>9</td>
</tr>
<tr>
<td>American Cultures</td>
<td>R+</td>
<td>Y</td>
<td>10/11</td>
</tr>
<tr>
<td>Government</td>
<td>R+</td>
<td>S</td>
<td>11/12</td>
</tr>
<tr>
<td>Economics</td>
<td>R+</td>
<td>S</td>
<td>12</td>
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### MISCELLANEOUS

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Grade</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Office Assistant</td>
<td>E</td>
<td>Y</td>
<td>11-12</td>
</tr>
<tr>
<td>Library Assistant</td>
<td>E</td>
<td>S/Y</td>
<td>10-12</td>
</tr>
<tr>
<td>Adv. Library Assistant</td>
<td>E+ (+ 2\textsuperscript{nd} yr)</td>
<td>S/Y</td>
<td>10-12</td>
</tr>
<tr>
<td>Aide-High School</td>
<td>E</td>
<td>S/Y</td>
<td>11-12</td>
</tr>
<tr>
<td>Aide-Elementary School</td>
<td>E</td>
<td>Y</td>
<td>11-12</td>
</tr>
<tr>
<td>Aide-Middle School</td>
<td>E</td>
<td>Y</td>
<td>11-12</td>
</tr>
<tr>
<td>Food Service Assistant</td>
<td>E</td>
<td>S/Y</td>
<td>9-12</td>
</tr>
<tr>
<td>Adv. Food Service</td>
<td>E</td>
<td>S/Y</td>
<td>10-12</td>
</tr>
<tr>
<td>Peer Tutor</td>
<td>E+</td>
<td>S/Y</td>
<td>10-12</td>
</tr>
<tr>
<td>Learning Resource Center (LRC)</td>
<td>E</td>
<td>S/Y</td>
<td>9-12</td>
</tr>
<tr>
<td>Work Experience</td>
<td>E</td>
<td>S/Y</td>
<td>11-12</td>
</tr>
<tr>
<td>Leadership</td>
<td>E+</td>
<td>S/Y</td>
<td>10-12</td>
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<tr>
<td>Home Release</td>
<td></td>
<td>S/Y</td>
<td>12</td>
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<tr>
<td>College Release (+ on completion)</td>
<td></td>
<td>S/Y</td>
<td>12</td>
</tr>
</tbody>
</table>
Agricultural Science & Technology

Agriculture 1  1.0 credit
Introduction to Ag. Science & Technology (NRS)
Available: Grades 9-12/ Full-Year Elective
Prerequisites: None
Fee: $10

This is a course that provides an introduction and basic overview to Agricultural and Horticultural Sciences. Students will also become familiar with livestock breeds, crop science, soil science, forestry skills, leadership skills, introduction to public speaking, and parliamentary procedure.

Advanced Agriculture 2, 3 & 4  1.0 credit
Prerequisites: Agriculture 1 (with a “c” or instructor approval)
Available: Grades 10-12/ Full-Year Elective
Fee: $10

Advanced agriculture is an advanced study of agricultural science and technology. The curriculum includes advanced studies in agricultural business and management, livestock, crop production, forestry skills, agricultural systems and management and soil conservation. This course will cover cooperatives, leadership development, agricultural issues, agricultural sales, and other areas of agriculture.

Horticulture  .5 credit
Prerequisites: None
Available: Grades 9-12/ Semester Elective
Fee: $10

Horticulture covers plant propagation, plant selection, plant breeding, and plant identification. The course will introduce floral design, pesticide application, greenhouse operations, managing a greenhouse and careers in horticulture.

Adv. Horticulture  .5 credit
Available: Grades 10-12
Prerequisites: Instructor Approval/ Semester Elective
Fee: $10

This course is designed to further develop skills in managing plant growth in the greenhouse. The course includes propagating plants and transporting and preparing the plants for market. The course also includes managing the field grown crops started in the greenhouse. Students will learn marketing skills and have valuable hands-on learning experiences. This is an independent study course designed for a maximum of three students.

Agricultural Welding  .5 credit
Prerequisites: None
Available: Grades 9-12/ Semester Elective
Fee: $10

Agricultural Welding is designed to teach basic metal processing through arc welding, oxy-acetylene welding, sheet metal and machine operations. Specific projects are required. Safety is stressed. Students are expected to provide safety glasses, welding gloves and proper clothing.
Adv. Agricultural Welding          .5 credit
Prerequisites:     Agricultural Welding
Available:     Grades 10-12/ Semester Elective
Fee:     $10

Advanced agricultural welding is an extension of agricultural welding. Students continue to advance their skills using arc welding, MIG welding, oxy-acetylene welding, sheet metal and machine operations. Specific projects are required. Students are expected to provide safety glasses, welding gloves and proper clothing.

Intro to Auto Shop                    .5 credit
Prerequisites:     None
Available:    Grades 9-12/ Semester Elective
Fee:     $10

In this course, students learn about automobiles while getting involved with projects that include everything from body and paint, to interior, electrical, and mechanical automotive work.

Advanced Auto Shop                    .5 credit
Prerequisites:     Auto Shop
Available:    Grades 9-12/ Semester Elective
Fee:     $10

Advanced auto shop students will be given more responsibilities than those students in regular auto shop. They will be expected to lead other students through competent and safe decision making as they work in class. Advanced students also have the opportunity to work on their own individual projects with instructor approval.

Woods                        __           .5 credit
Prerequisites:     None
Available:     Grades 9-12/ Semester Elective
Fee:     $10

This course is designed for students who are interested in developing skills in the use of woodworking machines and equipment. Safety is emphasized. Students will begin to develop abilities to plan, design, and construct useful projects. Students will complete required projects and then will have the opportunity to construct a small woods project.

Advanced Woods          _         .5 credit
Prerequisites:     Woods
Available:    Grades 10-12/ Semester Elective
Fee:     $10

This course is an extension of woods. Students continue to advance their skills on machines and equipment. Students are expected to construct more complex wood projects. Students are expected to provide safety glasses and proper clothing for the class.
Arts (Applied)

Art A                       .5 credit
Prerequisites:     None
Available:     Grades 9-12
Semester Elective
Fee:     $10/semester

Art A is an introductory course that will focus on 2D art forms, such as drawing, painting, collage, printmaking, and design. The elements and principles of design, craftsmanship, and art appreciation will be emphasized.

Art B                       .5 credit
Prerequisites:     None
Available:     Grades 9-12
Semester Elective
Fee:     $10/semester

Art B builds on the skills developed in Art A and introduces 3D art forms, using materials such as clay, wire, papier-mâché, and cardboard. The elements and principles of design, craftsmanship, and art appreciation will be emphasized.

Adv.  Art         _      .5 credit
Prerequisites:     Art A & Art B
Available:     Grades 10-12
Semester Elective
Fee:     $10/semester

Advanced art is an opportunity for students explore a variety of media on a deeper level. Media used will vary each semester, but may include advanced drawing, painting, sculpture, jewelry making, printmaking, and/or photography. This class can be repeated for credit.

Yearbook    _           1.0 credit
Prerequisites:     Instructor Approval
Available:     Grades 10-12
Full-Year Elective
Fee:     None

This class is designed to develop an understanding of yearbook design, layout, copy, business management and photographic skills. Students in this class must be responsible, independent workers who are willing to do work both during school hours and school. The student will learn principles of yearbook ethics and will understand the role the yearbook plays in recording the history of the school. Compilation of the book, and meeting stated deadlines are the principle factors of this course.
Arts (Performing)

**Concert Band** 1.0 credit

*Prerequisite:* Beginning Band (Middle School) or equivalent private instruction preferred, but not required

*Grades:* 9-12

*Full-Year Elective*

*Fee:* $10

The emphasis of this ensemble is developing musicianship through performance of high-quality concert band literature. Students will develop poise, confidence, character, tone quality, facility and musicality as individuals and ensemble performers, as well as an appreciation for the theory and historical context of music. Attendance at concerts and festivals is required. Members of this group also perform in Pep Band unless they are participating in the sport for which Pep Band is playing. More information can be found at www.jhslionsmusic.weebly.com.

**Jazz Band** 1.0 credit

*Prerequisite:* Audition and instructor approval

*Grades:* 9-12

*Full-Year Elective*

*Fee:* $10

The emphasis of this ensemble is developing musicianship through performance of traditional "big-band" literature, including jazz, swing, blues, funk and myriad Latin styles, among others. Improvisation will be a major component of the class, as it is perhaps the most critical defining element of jazz. Members of this group are expected to also participate in Concert Band, schedule & instrumentation permitting. Attendance at concerts and festivals is required. Members of this group also perform in Pep Band unless they are participating in the sport for which Pep Band is playing. More information can be found at www.jhslionsmusic.weebly.com.

**Concert Choir** 1.0 credit

*Prerequisite:* None

*Grades:* 9-12

*Full-Year Elective*

*Fee:* $10

This ensemble focuses on developing musicianship through performance of high-quality choral literature. Students will learn about vocal techniques, singing styles, ear training, and music theory. Various styles of music will be performed, including both secular and sacred. Attendance is required at all concerts and festivals. More information can be found at www.jhslionsmusic.weebly.com.

**Harmonix** 1.0 credit

*Prerequisite:* Audition and instructor approval

*Grades:* 9-12

*Full-Year Elective*

*Fee:* $10

“Harmonix” is a small group that studies and performs many styles of music, including (but not limited to) pop, blues, and jazz. Each vocalist will learn to sing solos, improvise melodies, write or participate in original compositions, use microphones, and sing in front of a variety of audiences. Each singer is also encouraged to sing in Concert Choir schedule permitting. Unless they audition, all students must first take one year of Concert Choir before joining Harmonix. Attendance is required at all concerts and festivals. More information can be found at www.jhslionsmusic.weebly.com.
Drama  .5 credit
**Prerequisite:** None
**Grades:** 9-12
**Semester Elective**
**Fee:** None

Drama will include both performing and production skills of various theater presentations. Skills such as memorization, oral interpretation, and character development will be emphasized.

Play Productions  .5 credit
**Prerequisite:** None
**Grades:** 9-12
**Semester Elective**
**Fee:** None

This is a hands-on class where students will have the opportunity to build scenery, costumes and props for the annual high school play. This class will cover all technical aspects of theater: set construction, costumes, props, lighting, sound, special effects, scene painting, house and box office, and stage management. Students will be graded on their initiative and industry, and will be expected to work safely with a variety of tools and materials.

**Business**

**Accounting 1** 1.0 credit
**Prerequisite:** None
**Grades:** 11-12 (grade 10 with approval)
**Full-Year Elective**
**Fee:** None

Any student who wants to pursue a career in the business field should take accounting. This class will teach the student how to maintain financial records for a business, and provide exposure to management-like decisions.

**Accounting 2** 1.0 credit
**Prerequisite:** Accounting 1
**Grades:** 11-12 (grade 10 with approval)
**Full-Year Elective**
**Fee:** None

This class will teach the student how to maintain financial records for a business, and provide exposure to management-like decisions.

**Business Computer Technology** .5 credit
**Prerequisite** None
**Grades:** 9-12
**Semester Elective**
**Fee:** None

This Windows computer course will include units in touch typing and keyboard development. This course will also teach students the basics for Microsoft Office’s Word, Excel, PowerPoint and Publisher. Learn skills necessary for high school, college, and life.
## Foreign Language

**Spanish 1** 1.0 credit  
*Prerequisite*: None  
*Grades*: 9-12  
*Fee*: $5.00

Introduction to Spanish language and Hispanic culture designed for novice level students. Reading, writing, listening, speaking, and specific language study skills developed with an emphasis on grammar and oral production. The course is college preparatory: Students must take two years and earn a “C-” or higher as required for admission to the Oregon University System.

**Spanish 2** 1.0 credit  
*Prerequisite*: Spanish I with a “C” or higher – or teacher approval  
*Grades*: 10-12  
*Fee*: $5.00

Continuation of study of Spanish language and Hispanic culture designed for novice-mid level students. Reading, writing, listening, speaking, and specific language study skills further developed with an emphasis on grammar and oral production. The course is college preparatory: Students must take two years and earn a “C-” or higher as required for admission to the Oregon University System.

**Spanish 3** 1.0 credit  
*Prerequisite*: Spanish II with a “C” or higher – or teacher approval  
*Grades*: 11-12  
*Fee*: $10.00

Continuation of study of Spanish language and Hispanic culture designed for novice-high level students. Reading, writing, listening, speaking, and specific language study skills further developed with an emphasis on grammar and oral production. During this course, students will attempt to earn Spanish 101 and 102 credit through Western Oregon University.

**Spanish 4** 1.0 credit  
*Prerequisite*: Spanish III with a “C” or higher; Teacher approval required  
*Grades*: 11-12  
*Fee*: $10.00

The culmination of the Spanish program is designed for intermediate level students with a demonstrated commitment to the subject. Students continue to fine tune skills learned throughout the Spanish program. During this course students will attempt to earn Spanish 103 and 201 credit through Western Oregon University.
Language Arts

Applied LA 1 1.0 credit
Prerequisite: None
Grades: 9
Full-Year Selective
Fee: None

This course is recommended for those students who have struggled with grammar, usage, reading, and essay writing in junior high school. It is designed to improve those skills with daily reading, focused grammar and usage instruction, and structured essay writing. A variety of short stories and novels will be read throughout the school year.

LA 1 1.0 credit
Prerequisite: None
Grades: 9 (Grade 10 if App. LA taken)
Full-Year Required
Fee: None

This course focuses upon an organized study of grammar, usage, composition, short stories, and the plays of William Shakespeare. In addition, a number of novels are read throughout the year, but the emphasis of this class is upon improving the student's basic essay writing skills.

LA 2 1.0 credit
Prerequisite: LA I
Grades: 10 (Grade 11 if App. LA taken)
Full-Year Required
Fee: None

This course focuses upon a more advanced study of grammar, usage, composition, short stories, and the plays of William Shakespeare; however, Language Arts II is also designed to broaden the student's knowledge of history and vocabulary. The emphasis is always upon improving the student's essay writing skills.

LA 3 1.0 credit
Prerequisite: LA II
Grades: 11 (Grade 12 if App. LA taken)
Full-Year Required
Fee: None

LA III will build on the student's previous study of literature, writing, language skills, and vocabulary. Students will explore U.S. authors by surveying writers from early settlers to Modern and Postmodern writers. Literary analysis will also be emphasized, along with weekly reviews of grammar and punctuation rules. Speech requirements are a part of this course.

LA 4 1.0 credit
Prerequisite: LA III
Grades: 12
Full-Year Selective (Adv LA IV)
Fee: None

Language Arts IV will build on the student's previous study of literature, writing, language skills and vocabulary. Students will explore British authors by surveying British literature from the Old English period to Modern and Postmodern writers.
Advanced LA (AP prep)              1.0 credit

*Prerequisite:* Instructor Approval

*Grades:* 12

*Full-Year Selective*

*Fee:* None

This course will emphasize close reading of literature and improving the expository writing skills of the students. Novels, essays, and plays will be discussed and analyzed. This class is recommended for students who plan to attend college. Students will be qualified to take the AP exam in English Literature in the spring of the school year. Students could earn college credit based on their scores on the AP examination.

Media Studies/Writing      0.5 credit

*Prerequisite:* None

*Grades:* 11-12

*Semester Elective* (can receive LA credit for credit recovery)

*Fee:* None

The purpose of this class is to explore the genre of media, both as an art form and as a historical phenomenon. They will be expected to form intelligent opinions as to the merits of media. Students will write an essay length review for media viewed. Students will write one or more essay per week.

Mathematics

Foundations of Algebra A/B: 1.0 credit

*Prerequisites:* Recommendation of the mathematics department

*Grades:* 9-12

*Full-year Selective*

*Fee:* None

This one-year class develops basic algebra skills and probability. The class is designed for students who struggle with these concepts.

Foundations of Algebra C/Foundations of Geometry A: 1.0 credit

*Prerequisites:* Fundamentals of Algebra A/B and recommendation of the mathematics department

*Grades:* 9-12

*Full-year Selective*

*Fee:* None

This one-year class continues development of basic algebra skills including linear systems and quadratic equations. The class also develops beginning Euclidean geometry ideas including logical reasoning and proof, parallel line properties, and triangle properties.
Foundations of Geometry B/C: 1.0 credit
Prerequisites: Fundamentals of Algebra C/Fundamentals of Geometry A and recommendation of the mathematics department
Grades: 9-12
Full-year Selective
Fee: None

This one-year class continues development of basic Euclidean geometry skills including 2- and 3-dimensional figure properties, similarity and congruence properties, and properties of circles.

Algebra 1 1.0 credit
Prerequisites: 8th grade math competency and recommendation of the math department
Grades: 9-12
Full-Year Selective
Fee: None

This one year class develops and applies concepts of algebra including quadratics functions, exponential, rational and radical functions, systems of linear equations, linear inequalities, area, surface area, factoring, and volume. This class is designed for students who are already familiar with some of these concepts. This class requires a scientific calculator.

Geometry 1.0 credit
Prerequisites: Algebra 1 and/or recommendation of the math department
Grades: 9-12
Full-Year Selective
Fee: None

Geometry is a study of logic and problem solving. Students in this class will develop a system of attacking problems. Students will also learn about lines, planes, angles, circles, triangles, and other geometric shapes. This class requires a scientific calculator.

Algebra 2 1.0 credit
Prerequisites: Geometry and/or recommendation of the math department
Grades: 10-12
Full-Year Selective
Fee: None

Algebra II is a continuation of Algebra I. Students will review and expand upon concepts – General functions, complex number, matrices, rational and radical functions, conic sections, logarithms, and probability/statistics. This class requires a scientific calculator; a graphing calculator is highly recommended.

Math Analysis 1 & 2 1.0 credit
Prerequisites: Algebra II and/or recommendation of the math department
Grades: 11-12
Full-Year Selective
Fee: None (for College Credit Now, Chemeketa’s fee of $25 will apply)

Math Analysis is an extension of the Algebra II class and serves as a bridge from algebra II to first year college level calculus. The content of this course depends upon many things. The most important is the caliber of the students and their mathematical needs. Because of this, topics covered in a particular year will vary. Occasionally, college credit will be given concurrently with the high school credit earned for successfully completing this course. This class requires a graphing calculator.
Math Analysis 3                  1.0 Credit

**Prerequisites:** Successful completion of Mathematics Analysis 3 or approval of mathematics department.

**Grades:** 12

**Full Year Selective**

**Fee:** None     (for College Credit Now, Chemeketa’s fee or $25 will apply)

This class continues the study of calculus which can include integration, infinite sequences and series. Topics also include linear algebra, college level elementary probability and statistics and discrete mathematics. This class is often offered as a concurrent college credit and is designed for the advanced student in mathematics.

Intro to Computer Science        .5 credit

**Prerequisite:** Successful completion of Alg. 2 and written instructor approval.

**Grades:**      11-12

**2nd Semester Elective**

**Fee:** College Credit Fee if College Credit applies

This course is a survey of all aspects of the field of computer science. Topics include, but are not limited to binary and hexadecimal numbers, operating systems, programming, systems analysis and artificial intelligence. College credit is available for this course.

**Physical Education & Health**

Health 1                      .5 credit

**Prerequisites:** Health 1 before Health 2

**Grades:**     9-11

**Semester Required**

**Fee:** None

Health will emphasize the importance of responsible decision making and goal setting to gain and maintain overall wellness. By learning to evaluate their own health knowledge and behavior, students will be better equipped to face critical health issues.

Health 2                      .5 credit

**Prerequisites:** Health 1 before Health 2

**Grades:**     9-11

**Semester Required**

**Fee:** Optional First aid card certification if you purchase the First Aid Textbook in the office.

Students will look closely at their own lifestyles, learn the skills, such as analyzing influences, advocacy, interpersonal communications, and accessing information, necessary for changing negative behavior, and set goals for improving their well-being.
Athletic Conditioning                  .5 credit
Prerequisites: None
Grades: 9-12
Semester Elective (1.0 total credit PE required for graduation)
Fee: None

This course is designed for those students who are involved in athletics only. Emphasis will be on the development of strength, flexibility, power, and agility. Students will be introduced to proper methods and techniques used in weight training and conditioning. This is a very active class, prepare to sweat.

Course will be designed to focus on the next up and coming sport during that semester.

Recreational Sports                   .5 credit
Prerequisites: None
Grades: 9-12
Semester Elective (1.0 total credit PE required for graduation)
Fee: None

This course is designed to aid in the development of the student’s health and skill related fitness levels. Students are required to dress down daily. This course includes a variety of fitness activities, ranging from team sports to individual games and relays.

Science

Science courses are offered on both a required and selective basis.

Physical Science                      1.0 credit
Prerequisite: Teacher recommendation
Grades: 9-10
Full-Year Selective (P.S. is required for graduation)
Fee: None

Physical science introduces students to the physical science of elementary chemistry, elementary physics, the study of energies, and the laws that govern those energies.

Applied Biology                       1.0 credit
Prerequisite: Physical Science
Grades: 10
Full-Year Selective (either Bio or Appl. Biology required for graduation)
Fee: None

Applied Biology is offered to students as a basic survey of biology. Cell biology, genetics, ecology, evolution, and classification are covered.
Biology I 1.0 credit
Prerequisite: Physical Science
Grades: 10
Full-Year Selective (either Biology or Appl. Biology required for graduation)
Fee: None

Biology 1 is offered as a basic survey of biology. Cell biology, genetics, ecology, evolution, and classification are covered. The nature of the scientific enterprise is stressed.

Biology 2 1.0 credit
Prerequisite: Physical Science and Applied Biology or Biology 1
Grades: 11-12
Full-Year Elective
Fee: None

Biology 2 covers a variety of subjects in Biology in more detail than in the earlier Biology 1 survey course. Biology 2 and 3 can be taken in either order. The main areas of study include: Evolution and Ecology. This course offers an opportunity to earn college credit through Western Oregon University and the Willamette Promise consortium for Biology 101.

Biology 3 1.0 credit
Prerequisite: Biology with a “C” or better
Grades: 11-12
Full-Year Elective
Fee: None

Biology 3 covers a variety of subjects in Biology in more detail than in the earlier Biology 1 survey course. Biology 2 and 3 can be taken in either order. Main areas of study include: The Nature of Science, Biochemistry, Cellular Metabolism, DNA and Genetics. In addition, students will learn to design experiments and write research papers. This course offers an opportunity to earn college credit through Western Oregon University and the Willamette Promise consortium for Biology 102.

Chemistry 1.0 credit
Prerequisite: Alg. I with a “B” or better – currently enrolled in Geometry or Alg. II
Grades: 11-12
Full-Year Selective
Fee: None

Chemistry is the investigation of the composition of substances and various forms of matter. A study of the period law, chemical bonding, and the writing of chemical equations is included. This is a college preparatory course and is recommended for college-bound students.
Social Sciences

World Cultures 1.0 credit
Prerequisite: None
Grades: 9
Full-Year Required
Fee: None

This survey course is designed to help the student understand and appreciate the roots, development and nature of the modern world. The course is global in organization and orientation. Students will review early civilizations and the basic world geography, while the focus of the class will be on from the 19th century to the present day.

American Cultures 1.0 credit
Prerequisite: World Cultures
Grades: 10/11
Full-Year Required
Fee: None

This course examines American history from Columbus through present day. It is an examination of the people, events, and decisions that impacted society during that time period. Topics include colonization, independence, early presidents, civil war, the progressive era, WW1, roaring 20’s, the Great Depression, WW2 and those cultural events from 1950-2010 that have led to the “American way of life.”

Government .5 credit
Prerequisite: American Cultures
Grades: 11/12
Semester Required
Fee: None

This is a course study of United States Government, the constitution and the elections process.

Other Required Electives

Economics .5 credit
Prerequisite: None
Grades: 12
Semester Required
Fee: None

This class requires the students to know and understand three basic principles:

1. How the U.S. market economy functions as a system to address issues of resource allocation, including production, consumption, and exchange of goods and services.
2. How economic conditions in a market economy influence, and are influenced, by the decisions of consumers, producers, economic institutions and government.
3. The ability to demonstrate knowledge and skills necessary to make reasoned and responsible financial decisions as a consumer, producer, saver, and investor in a market economy.
Senior Seminar .5 credit (2016 class)

Prerequisite: Jr. Seminar for Class of 2016
Grades: 12
Semester Required
Fee: None

Senior seminar is a semester-long course designed to help seniors prepare for their transition into post-high school plans. Students will gain an understanding of career and educational options through research, job shadows, work experience, and college visitations. Students will also acquire technology, business and job interview skills, and access to guest speakers. Much work will be independent, both in and out of class. The course work culminates in a senior project that meets the requirements of the Oregon Department of Education.

Other Optional Electives

Food Service Assistant .5 credit

Prerequisite: None
Grades: 9-12
Semester Elective
Fee: None

Students will learn the basics of school food service via hands-on experience preparing and serving food, operating small equipment and following general sanitation guidelines. This is a Pass/Fail class and is available periods 1-5.

Advanced Food Service .5 credit

Prerequisite: Food Service Assistant
Grades: 9-12
Semester Elective
Fee: None

This is a graded class. Students cannot have more than one food service period per semester.

Home Release No credit

Prerequisite: Written parental approval/administrative approval
Grades: 12
Semester Elective
Fee: None

Home release is granted to 12th grade students and can be taken 7th period only. Students must have adequate credits toward graduation, and have met the prerequisites for post-secondary plans. Students must have parental and administrative approval. Forms for home release are available during registration in August, or from the counseling office. Students who are registered for home release must leave the school grounds during that release.
Leadership 1.0 credit

**Prerequisite:** Teacher Approval; Above a 2.0 G.P.A.; limited discipline referrals

**Grades:** 10-12

**Full-Year Elective**

**Fee:** None

The purpose of leadership class is to develop the finer art of leadership, plan school activities, and provide service to the school and community. Students in this class must be responsible, independent workers who are willing to do work both during school hours and after school. Students must truly have the desire to make a difference in their lives, in the school and in the community. Specific tasks will include the organizing school spirit assemblies, school dances, social awareness, and other tasks.

Library Assistant .5 credit

**Prerequisite:** Written instructor approval; minimum 2.0 G.P.A.; limited discipline referrals

**Grades:** 10-12

**Semester Elective**

**Fee:** None

The student library assistant will learn the basic skills necessary for running a library. Areas of instruction will include the Dewey Decimal System, book preparation, reading guidance and circulation systems and reference, storage and retrieval skills, display preparation, and book reviews. Library assistants need to be responsible, self-motivated, detail-oriented, and able to provide good customer service. Preference will be given to students who have computer skills, knowledge of computer programs and technology, and web based design. Students cannot have more than one library assistant period per semester. Students receive a letter grade for the class.

Peer Tutor .5 credit

**Prerequisite:** Counselor/Instructor Approval; Above a 2.0 G.P.A.; limited discipline referrals

**Grades:** 11-12

**Semester Elective**

**Fee:** None

Peer tutors are assigned to work one-on-one with students who are struggling academically. They will help with homework completion and tutorial of basic reading and writing skills. Peer tutors are required to be good students who are patient and kind and willing to help others.

Office Assistant .5 credit

**Prerequisite:** Administrative or Counselor Approval; Above a 2.0 G.P.A.; limited discipline referrals

**Full-Year Elective**

**Grades:** 11-12

**Fee:** None

This course may be useful for students interested in pursuing a career in business. The student will act as receptionist, both at the counter and on the telephone, as well as being involved in other duties such as delivering messages, picking up attendance, etc. Training is given on the use of all office machines. Students are required to sign a conduct contract, and grades are based on attendance and effort. Students cannot have more than one office aide period per semester.
Study Hall                                         0 credit
Prerequisite: Counselor and written parental permission; on track for high school graduation
Grades: 9-12
Semester Elective (NO CREDIT)
Fee: None

Study hall provides an opportunity for students to get homework done during the school day. This course is reserved for self-motivated students who need extra time to complete work. There is NO CREDIT for this course.

Teacher Aide (JES & JMS)                     .5 credit
Prerequisite: Counselor Approval; minimum 2.0 G.P.A.; limited discipline referrals
Grades: 11-12
Semester Elective
Fee: None

Students will be expected to perform routine clerical and classroom duties, plus additional assignments. Please see Ms. Moss for expectations and approval before scheduling this class. Students will sign a contract to participate. Transportation will be by school bus only. Students cannot have more than one teacher aide period at the elementary or middle school per semester. Grade will be pass/fail.

Teacher Aide (JHS)                            .5 credit
Prerequisite: Counselor approval; Written instructor approval; minimum 2.0 G.P.A.; limited discipline referrals
Grades: 11-12
Semester Elective
Fee: None

A teacher’s aide will be expected to perform routine clerical and classroom duties. Students cannot have more than one teacher aide period at the high school in the same semester. Grade will be pass/fail.

Work Experience                                 .5 credit/semester
Prerequisite: Counselor and Parent approval
Grades: 12 (11th grade students may have work experience added as a zero period class, but may not have early release)
Semester Elective
Fee: None

Students may earn a maximum of 2 credits during high school. To be eligible, students must demonstrate responsibility and accountability and work and average of 10 hours per week. Students are required to complete time/evaluation sheets and other assignments, and they must be punctual to their work site. When students are going to be absent, it is their responsibility to inform the employer/assigned teacher and attendance secretary. Students will be monitored and work performance will evaluated by their supervisor. Students will receive a letter grade for this class. 0.50 credit = 180 hours of work.