2018-2019
Course Guide
Proposed Course Offerings

Updated February 2018
## Table of Contents

- **English Department**
  
  Freshman English  
  Course # ENG101 and ENG102
  
  Sophomore English  
  Course # ENG201 and ENG202
  
  Sophomore Honors English  
  Course # ENG450 and ENG451
  
  Junior English  
  Course # ENG301 and ENG302
  
  Senior English  
  Course # ENG401 and ENG402
  
  General English 11/12  
  Course # ENG303 and ENG304
  
  AP Comp & Literature  
  Course # ENG420 and ENG425
  
  AP Comp & Language  
  Course # ENG320 and ENG321

- **English Electives**
  
  Movie Criticism  
  Course # ENG501
  
  Creative Writing  
  Course # ENG520
  
  Walk a Mile in My Shoes  
  Course # ENG560
  
  Children’s Lit  
  Course # ENG565

- **Fine and Performing Arts Department**
  
  2-D Design: Drawing, Painting & Graphic Design  
  Course # ART101, ART102
  
  3-D Design: Sculpture and Crafts  
  Course # ART111, ART112
  
  Advanced Art  
  Course # ART401, ART402
  
  Introduction to Ceramics  
  Course # ART451
  
  Concert Band  
  Course # MUS100
  
  Choir  
  Course # MUS200
  
  Intro to the Theatre Arts  
  Course # THR101
  
  Theatre Production  
  Course # THR201

- **Foreign Language Department**
  
  Spanish I  
  Course # SPA100 and SPA101
  
  Spanish II  
  Course # SPA200 and SPA201
  
  Spanish III  
  Course # SPA300 and SPA301

- **Math Department**
  
  Integrated I (Algebra)  
  Course # MTH200 and MTH201
  
  Integrated II (Geometry)  
  Course # MTH250 and MTH251
  
  Integrated III (Algebra 2)  
  Course # MTH300 and MTH301
  
  Applied Algebra  
  Course # MTH335 and MTH336
  
  Pre-Calculus with Trigonometry  
  Course # MTH350 and MTH351
  
  AP Calculus  
  Course # MTH400 and MTH401
  
  Independent Math  
  Course # MTH180

- **Career and Technical Training**
  
  Automotive Foundations  
  Course # TIC120  
  CIP#470600
  
  Woodworking Technology/Technician  
  Course # TIC301, TIC302  
  CIP#480701
  
  Residential Carpentry/Carpenter  
  Course # TIC351, TIC352  
  CIP#460201
  
  Automobile/Automotive General Service Technician I  
  Course # TIC460, TIC461  
  CIP#470698
<table>
<thead>
<tr>
<th>Course Name</th>
<th>Course #</th>
<th>CIP#</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automobile/Automotive General Service Technician II</td>
<td>TIC470</td>
<td>470698</td>
</tr>
<tr>
<td>Automobile/Automotive General Service Technician III/IV</td>
<td>TIC480</td>
<td>470698</td>
</tr>
<tr>
<td>Metals Technology</td>
<td>TIC101, TIC102</td>
<td>480000</td>
</tr>
<tr>
<td>Advanced Metals Technology</td>
<td>TIC201, TIC202</td>
<td>480508</td>
</tr>
<tr>
<td>Art of Metals</td>
<td>TIC490</td>
<td>500797</td>
</tr>
<tr>
<td>Journalism</td>
<td>COM101, 102, 201</td>
<td>100303</td>
</tr>
<tr>
<td>Introduction to Business</td>
<td>BUS100</td>
<td>520000</td>
</tr>
<tr>
<td>Introduction to Marketing</td>
<td>BUS200</td>
<td>521400</td>
</tr>
<tr>
<td>Entrepreneurship</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Business &amp; Marketing Education</td>
<td>BUS400</td>
<td>138888</td>
</tr>
<tr>
<td>Cooperative Worksite Experience</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Departmental</td>
<td></td>
<td>Page 14</td>
</tr>
<tr>
<td>AVID</td>
<td>AVD 100/101</td>
<td></td>
</tr>
<tr>
<td>Library Aide</td>
<td>OTR111, OTR122</td>
<td></td>
</tr>
<tr>
<td>Teacher Aide</td>
<td>OTR211, OTR222</td>
<td></td>
</tr>
<tr>
<td>Cross-Age Tutoring</td>
<td>OTR311, OTR322</td>
<td></td>
</tr>
<tr>
<td>Office Aide</td>
<td>OTR411, OTR422</td>
<td></td>
</tr>
<tr>
<td>Lewis &amp; Clark</td>
<td>INT210, INT211</td>
<td></td>
</tr>
<tr>
<td>Physical Education Department</td>
<td></td>
<td>Page 15</td>
</tr>
<tr>
<td>PE Fundamentals &amp; Health</td>
<td>PED130</td>
<td></td>
</tr>
<tr>
<td>Lifetime Sports</td>
<td>PED201, PED202</td>
<td></td>
</tr>
<tr>
<td>Strengthening and Conditioning</td>
<td>PED301, PED302</td>
<td></td>
</tr>
<tr>
<td>Science Department</td>
<td></td>
<td>Page 16</td>
</tr>
<tr>
<td>Biology</td>
<td>SCI100 and SCI101</td>
<td></td>
</tr>
<tr>
<td>Integrated Science</td>
<td>SCI150 and SCI151</td>
<td></td>
</tr>
<tr>
<td>Botany</td>
<td>SCI120 (semester 2)</td>
<td></td>
</tr>
<tr>
<td>Chemistry</td>
<td>SCI220 and SCI221</td>
<td></td>
</tr>
<tr>
<td>AP Chemistry</td>
<td>SCI340 and SCI341</td>
<td></td>
</tr>
<tr>
<td>College Prep Physics</td>
<td>SCI400</td>
<td></td>
</tr>
<tr>
<td>Forensic Science</td>
<td>SCI240</td>
<td></td>
</tr>
<tr>
<td>Gorge-Us Science</td>
<td>SCI320</td>
<td></td>
</tr>
<tr>
<td>Independent Science</td>
<td>SCI500</td>
<td></td>
</tr>
<tr>
<td>Social Science Department</td>
<td></td>
<td>Page 17</td>
</tr>
<tr>
<td>World History</td>
<td>SOC200 and SOC201</td>
<td></td>
</tr>
<tr>
<td>U.S. History</td>
<td>SOC300 and SOC301</td>
<td></td>
</tr>
<tr>
<td>Current World Issues (CWI)</td>
<td>SOC400 and SOC401</td>
<td></td>
</tr>
<tr>
<td>Washington State History</td>
<td>SOC100</td>
<td></td>
</tr>
<tr>
<td>Independent Social Studies</td>
<td>SOC500</td>
<td></td>
</tr>
<tr>
<td>Special Education</td>
<td></td>
<td>Page 19</td>
</tr>
<tr>
<td>Resource English</td>
<td>SED110, SED120</td>
<td></td>
</tr>
<tr>
<td>Course</td>
<td>Course #</td>
<td></td>
</tr>
<tr>
<td>---------------------------------------</td>
<td>------------</td>
<td></td>
</tr>
<tr>
<td>Resource Math</td>
<td>SED210, SED220</td>
<td></td>
</tr>
<tr>
<td>Learning Center</td>
<td>SED310, SED320</td>
<td></td>
</tr>
<tr>
<td>Work Experience</td>
<td>SED400, SED401</td>
<td></td>
</tr>
<tr>
<td>Career Exploration</td>
<td>SED430</td>
<td></td>
</tr>
<tr>
<td>Vocational Readiness</td>
<td>SED510, SED520</td>
<td></td>
</tr>
<tr>
<td>Life Skills</td>
<td>SED610, SED620</td>
<td></td>
</tr>
</tbody>
</table>
ENGLISH DEPARTMENT

Freshman English  
Course # ENG101 and ENG102  
Open to Grades: 9  
Length: 2 Semesters  
Graduation Requirement: EACH SEMESTER WILL FULFILL 1/2 CREDIT OF FOUR REQUIRED ENGLISH CREDITS  
Prerequisites: None  
Description: Freshman English is a required yearlong course. Its emphasis is curriculum directly tied to the Common Core Standards to successfully pass the Washington State Standards test. Ninth grade English applies strategies for writing instruction as well as appreciation and understanding of literary, informational and functional texts. Stevenson students will implement these strategies through journals, power point presentation, vocabulary study, expository essays, grammar as a companion to writing, business and/or personal letters, and/or student presentations. While short stories, poetry, prose, and mythology augment our year's study, literary works may include Romeo and Juliet, Night, To Kill a Mockingbird, and The Odyssey.

Sophomore English  
Course # ENG201 and ENG202  
Open to Grades: 10  
Length: 2 Semesters  
Graduation Requirement: EACH SEMESTER WILL FULFILL 1/2 CREDIT OF FOUR REQUIRED ENGLISH CREDITS  
Prerequisites: Freshman English

Sophomore Honors English  
Course # ENG450 and ENG451  
Open to Grades: 10  
Length: 2 Semesters  
Graduation Requirement: EACH SEMESTER WILL FULFILL 1/2 CREDIT OF FOUR REQUIRED ENGLISH CREDITS  
Prerequisites: Freshman English, teacher recommendation  
Sophomore Honors English is designed to prepare the advanced English student for AP courses in their Junior and Senior years of high school. This course will focus on the literature of America through a variety of genres and themes. Writing and language study will compliment the literature and is designed to enhance student skills in composing for a variety of purposes and audiences.

Junior English  
Course # ENG301 and ENG302  
Open to Grades: 11  
Length: 2 Semesters  
Graduation Requirement: EACH SEMESTER WILL FULFILL 1/2 CREDIT OF FOUR REQUIRED ENGLISH CREDITS  
Prerequisites: Freshman and Sophomore English  
Description: Junior English is a yearlong course. Its emphasis is curriculum directly tied to the Common Core Standards to successfully pass the Smarter Balance Assessment. Students will recognize major American writers and their works in addition to students understanding the social and historical context of American Literature. Students will display an aesthetic appreciation of literature through advanced critical reading, thinking, writing, and speaking abilities. In this class, final assignments will demonstrate a basic understanding of literary and critical theory. Selections include The Great Gatsby, short story selections and investigations into popular culture.

Senior English  
Course # ENG401 and ENG402  
Open to Grades: 12  
Length: 1 Semester  
Graduation Requirement: EACH SEMESTER WILL FULFILL 1/2 CREDIT OF FOUR REQUIRED ENGLISH CREDITS  
Prerequisites: Freshman English, Sophomore English, Junior English  
Description: The Senior English class focuses on building student's reading and writing skills. Students will read novels as well as non-fiction literature. A portion of the class will support students in career and college preparation and may include information such as writing college entrance essays or scholarship applications.
**ENGLISH ELECTIVES**

**Social Media - Newspaper**
- Open to Grades: 9-12
- Length: 1 Semester
- Prerequisites: Freshman English

**Movie Criticism**
- Open to Grades: 9-12
- Length: 1 Semester
- Prerequisites: Freshman English

**ENGLISH ELECTIVES**

**Social Media - Newspaper**
- Open to Grades: 9-12
- Length: 1 Semester
- Prerequisites: Freshman English

**Movie Criticism**
- Open to Grades: 9-12
- Length: 1 Semester
- Prerequisites: Freshman English

Description: Originally people gathered in groups and sang elaborate tales or performed plays to inspire and awe audience members. Eventually many of these stories, along with countless new ones, were recorded in writing and published for the world to enjoy. In modern times, we have brought all of our past creations into an amazing form of media: The Hollywood Movie. Movie Criticism will provide students with the opportunity to read and analyze a variety of
written sources throughout history. These sources will ask the student to consider challenging questions about family, friends, and the future direction of our society. Students will learn important literary elements including The Heroic Journey, the art of suspenseful writing, and analytical/persuasive essay construction. As a class we will combine this learning with the showing of influential movies that incorporate these literary themes onto the big screen. The Stevenson High School English Department encourages all students to discover the amazing literature behind the movies that make us laugh, cry and better appreciate the life we live.

<table>
<thead>
<tr>
<th>Course # ENG520</th>
<th>Creative Writing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open to Grades</td>
<td>9-12</td>
</tr>
<tr>
<td>Length:</td>
<td>1 Semester</td>
</tr>
<tr>
<td>Graduation Requirement</td>
<td>WILL FULFILL 1/2 CREDIT OF ONE REQUIRED ENGLISH ELECTIVE CREDIT</td>
</tr>
<tr>
<td>Prerequisites</td>
<td>None</td>
</tr>
<tr>
<td>Description</td>
<td>Creative Writing challenges students to use their imagination in creating short stories, poetry, literary posters and imaginative PowerPoint presentations. Students will read a variety of short stories and poetry that will serve as inspiration for their literary creations. Depending upon the season, students will work on theme related literature, including an introduction into Gothic and Horror fiction in the fall, and Romantic Outdoor and Exploration fiction in the spring. The English Department welcomes you to join in the fun and, through the #2 pencil, challenges you to create your own world that can be shared with classmates and friends!</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course # ENG565</th>
<th>Children’s Literature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open to Grades</td>
<td>9-12</td>
</tr>
<tr>
<td>Length:</td>
<td>1 Semester</td>
</tr>
<tr>
<td>Graduation Requirement</td>
<td>WILL FULFILL 1/2 CREDIT OF ONE REQUIRED ENGLISH ELECTIVE CREDIT</td>
</tr>
<tr>
<td>Prerequisites</td>
<td>Freshmen English</td>
</tr>
<tr>
<td>Description</td>
<td>Children’s Literature is a course that investigates the world of picture books through children’s first chapter books. Students contact successful living authors and publishers in this venue and would glean from them knowledge of what components comprise a quality children’s book. Students will observe, participate, and then plan, prepare, practice and lead story time at the public library and possibly a local preschool/daycare. If a student is thinking about being a pre-school or elementary teacher, a childcare worker, a parent, or a children's book author or artist, this is the class for you!</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course # ENG560</th>
<th>Walk a Mile in My Shoes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open to Grades</td>
<td>9-12</td>
</tr>
<tr>
<td>Length:</td>
<td>1 Semester</td>
</tr>
<tr>
<td>Graduation Requirement</td>
<td>WILL FULFILL 1/2 CREDIT OF ONE REQUIRED ENGLISH ELECTIVE CREDIT</td>
</tr>
<tr>
<td>Prerequisites</td>
<td>Two credits in English including Freshman and Sophomore English</td>
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<tr>
<td>Description</td>
<td>To truly understand the perspective of those different from ourselves, we must walk a mile in their shoes. To achieve this vantage point, students will strive for understanding of people from different cultures through the reading of fiction, poetry and nonfiction and study through documentary and feature length films. Students will delve into their own personal heritage and belief system. We must understand ourselves before we can attempt to understand others. This class will incorporate field experiences to different sites in Vancouver and Portland to a variety of locations. Guest speakers will enrich the experience and offer more insight.</td>
</tr>
</tbody>
</table>

**FINE AND PERFORMING ARTS DEPARTMENT**

<table>
<thead>
<tr>
<th>Course # ART101, ART102</th>
<th>2-D Design: Drawing, Painting &amp; Graphic Design</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open to Grades</td>
<td>9-12</td>
</tr>
<tr>
<td>Length:</td>
<td>1 Semester</td>
</tr>
<tr>
<td>Graduation Requirement</td>
<td>FULFILLS ½ CREDIT OF ONE FINE ARTS CREDIT REQUIREMENT</td>
</tr>
<tr>
<td>Prerequisites</td>
<td>None</td>
</tr>
<tr>
<td>Description</td>
<td>Come sharpen your skills of drawing and painting! Students will learn the basics of drawing, painting, perspective, linoleum block printing, and graphic design. In addition students will work with a variety of media including pencil, colored pencil, ink, marker, collage, linoleum and paints. Students will explore development of personal styles through required and individually designed projects.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course # ART111, ART112</th>
<th>3-D Design: Design &amp; Sculpture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open to Grades</td>
<td>9-12</td>
</tr>
<tr>
<td>Length:</td>
<td>1 Semester</td>
</tr>
<tr>
<td>Graduation Requirement</td>
<td>FULFILLS ½ CREDIT OF ONE FINE ARTS CREDIT REQUIREMENT</td>
</tr>
<tr>
<td>Prerequisites</td>
<td>None</td>
</tr>
<tr>
<td>Description</td>
<td>Are you a hands-on person? Explore the areas of 3D design and sculpture including working with clay! Students will learn a variety of techniques, and will construct found object projects, paper sculptures, metal embossing, linoleum block printing, and batik (using a wax resist and fabric dyes on fabric). Students will explore personal growth through required and individually designed projects.</td>
</tr>
</tbody>
</table>
**Introduction to Ceramics**

Course # ART451, ART452

Open to Grades 9-12  
Graduation Requirement Artistic  
Prerequisites FULFILLS ½ CREDIT OF ONE FINE ARTS CREDIT REQUIREMENT

Description: This course will include hand-building techniques including pinch, coil and slab construction as well as a limited introduction to use of the potter's wheel. Emphasis will be on mastering techniques and the creation of a variety of vessels and sculptures.

**Concert Band**

Course # MUS100

Open to Grades 9-12  
Graduation Requirement Artistic  
Prerequisites FULFILLS ONE FINE ARTS CREDIT REQUIREMENT  
PRIOR BAND OR TEACHER RECOMMENDATION (Offered at ZERO period only--YEAR LONG)

Description: Students with instrumental music background will develop a greater awareness of their instrument and musicianship through performance of various styles of concert music. Several evening and weekend concerts are required. The pep band is built from the concert band personnel and provides music for athletic functions.

**Choir**

Course # MUS200

Open to Grades 9-12  
Graduation Requirement Artistic  
Prerequisites FULFILLS ½ CREDIT OF ONE FINE ARTS CREDIT REQUIREMENT  
Director approval

Description: Students will learn to read and sing music in a variety of forms including madrigals, chant, contemporary and classical songs. The Choir will sing with and without accompaniment (acapella) from unison to four part harmony. Students will learn to sight read melody and rhythm. If you can talk and hear, you probably can sing. If you love to sing, this is your chance to take it to the next level. Instrumentalists welcome. It would be optimum to have student musicians’ play for our performances.

**Introduction to the Theater Arts**

Course # THR101

Open to Grades 9-12  
Graduation Requirement Artistic  
Prerequisites FULFILLS ½ CREDIT OF ONE FINE ARTS CREDIT REQUIREMENT  
None (Some experience helpful, but not essential...)

Description: This class is preparation for involvement in the 200 level theater productions. In this course we will focus specifically on three elements of the theater: acting, technical theater, and design. We will be doing short units on a variety theater elements including: basic acting, advanced acting, theater history, stage design, play analysis, stage tech., stage makeup, and costuming. Students will develop skills and a knowledge base to complete a final project for this class which highlights student understanding and a variety of theater skills.

**Theater Production**

Course # THR201

Open to Grades 9-12  
Graduation Requirement Artistic  
Prerequisites FULFILLS ½ OF FINE ARTS CREDIT REQUIREMENT  
Introduction to the Theatre Arts, prior theater experience, or teacher recommendation

Description: Students stage a monologue to be used for auditions in our full-length theater production. Because this is a production course, student’s abilities to meet all the requirements necessary for putting on a play: memorizing lines by the due date, regular attendance, performance, and backstage duties are required as elements of performing arts based assessments.

**FOREIGN LANGUAGE**

**Spanish 1**

Course # SPA100 and SPA101

Open to Grades 9-12  
Graduation Requirement Artistic  
Prerequisites FULFILLS ONE ELECTIVE CREDIT (fulfills one year of college entrance requirement)  
None

Description: The goal of the class is to be able to communicate at a basic level in Spanish. We will work on the four aspects of communication – speaking, listening, reading, and writing. Students will learn to discuss basic topics, such as school, what they are wearing, and what their regular activities are. They will also learn about the cultures of Spanish-speaking countries. Activities in class include pair work, games, listening activities, and group participation.
Spanish 2
Course # SPA200 and SPA201
Open to Grades 10-12 Length: 2 Semesters
Graduation Requirement FULFILLS ONE ELECTIVE CREDIT (fulfills 2nd year of college entrance requirement)
Prerequisites Spanish 1
Description: The goal of the class is to be able to communicate at a novice level in Spanish. To achieve this goal, we will work on all four aspects of language usage – speaking, listening, reading, and writing. We will expand on the skills from Spanish 1, adding vocabulary, ways to express ourselves, and understanding of Spanish-speaking cultures. As in Spanish 1, activities in class include pair work, games, listening activities, and group participation.

Spanish 3
Course # SPA300 and SPA301
Open to Grades 10-12 Length: 2 Semesters
Graduation Requirement FULFILLS ONE ELECTIVE CREDIT
Prerequisites Spanish 2
Description: The goal of this class is to be able to communicate at an intermediate level in Spanish. Speaking, listening, reading, and writing will all be practiced to improve skills. Instruction will be given mostly in Spanish. As in Spanish 1 and 2, the culture of Spanish-speaking countries will be studied and a variety of activities will be used.

MATH DEPARTMENT—CORE COURSES

These courses are sequential and may not be taken out of order. Students who have passed a math class must proceed to the next class on the flow chart – you may not go backwards!
Integrated I (INT I)
Course #: MTH200 and MTH201
Open to Grades: 9-12
Graduation Requirement: FULFILLS ONE OF THREE MATH CREDITS REQUIRED TO GRADUATE
Prerequisites: Core Connections 3
Description: Students will learn to use variables, tables, and graphs to describe and solve a variety of real world problems. Topics studied include functions, linear and non-linear equations and graphs, systems, quadratic and exponential equations, and radicals.

Integrated II (INT II)
Course #: MTH250 and MTH251
Open to Grades: 9-12
Graduation Requirement: FULFILLS ONE OF THREE MATH CREDITS REQUIRED TO GRADUATE
Prerequisites: Passed 2 semesters of INT I
Description: Students will begin by studying the properties of angles, parallel and perpendicular lines, then apply those concepts to a variety of two and three-dimensional figures. Connections to algebra will be made as students study lines, circumference, area, and volume. Students will learn to construct figures using a compass and straightedge or with Geometer’s Sketchpad (on the computer), and use their constructions to deduce properties and relationships in figures. Emphasis will be placed on applying skills to practical problems.

Integrated III (INT III)
Course #: MTH300 and MTH301
Open to Grades: 10-12
Graduation Requirement: FULFILLS ONE OF THREE MATH CREDITS REQUIRED TO GRADUATE
Prerequisites: Passed 2 semesters of INT II
Description: The concept of function will be studied as a unifying theme in mathematics. Linear, quadratic, polynomial, power, and exponential functions will be studied as models for realistic problems. Logarithms will be introduced to solve exponential equations. Systems of equations and inequalities will be explored, again in the context of their usefulness in modeling real world problems. Graphing calculators will be used extensively to process large sets of data and to discover properties of various families of functions. Real data will be used to apply skills to practical problems. If you plan on attending a four year college, you need this course!

Applied Algebra
Course #: MTH335 and MTH336
Open to Grades: 11-12
Graduation Requirement: FULFILLS ONE OF THREE MATH CREDITS REQUIRED TO GRADUATE
Prerequisites: Teacher Recommendation
Description: This course is designed for students who have already taken Algebra and Geometry and want to strengthen their skills before taking Advanced Algebra. This course covers problem solving techniques, logic, set theory, and reviews solving algebraic equations, inequalities and systems. Students will study non-linear equations and their graphs and review basic geometry concepts.

Pre-Calculus with Trigonometry
Course #: MTH350 and MTH351
Open to Grades: 11-12
Graduation Requirement: FULFILLS ONE OF THREE MATH CREDITS REQUIRED TO GRADUATE
Prerequisites: INT III & Instructor recommendation
Description: This course continues the study of functions begun in Advanced Algebra and extends it to include logarithmic, trigonometric, circular and periodic functions. Students will also study triangle trigonometry, rational functions, conic sections, vectors, limits, and polar coordinates. Graphing calculators will be used extensively to solve complex, practical problems. If you plan to major in science, computers, or technical fields, you need this course!
AP Calculus Course # MTH400 and MTH401
Open to Grades 12 Length: 2 Semesters
Graduation Requirement FULFILLS ONE OF THREE MATH CREDITS REQUIRED TO GRADUATE
Prerequisites Pre-Calculus with Trigonometry & Instructor recommendation
Description: This is a college level course that is designed to prepare students for the College Board AP Calculus exam. Concepts studied include limits, continuity, the derivative, definite and indefinite integrals, and applications of these concepts. If you plan to major in science, engineering, computers, or technical fields, you need this course! Students can earn college credit for this class by passing the AP Calculus exam, which will be given in May.

Independent Math Course # MTH180
Open to Grades 9-12 Length: 1 Semester
Graduation Requirement FULFILLS ½ CREDIT OF THREE MATH CREDITS REQUIRED TO GRADUATE
Prerequisite Placement by Math Department Staff
Description: Students will work independently using the APEX system. Successful students need to be organized and able to work independently with teacher support.

CAREER AND TECHNICAL TRAINING

Career and Technical Education is a planned program of courses and learning experiences that begins with exploration of career options, supports basic academic and life skills, and enables achievement of high academic standards, leadership, preparation for industry-defined work, and advanced and continuing education. The goal is for all students to have 2-4 years of a particular program in order to prepare for post-secondary training and possess strong job skills upon graduation.

ARCHITECTURE AND CONSTRUCTION

Woodworking Technology/Technician Course # TIC301, TIC302
Open to Grades 9-12 Length: 1 Semester
Graduation Requirement FULFILLS ½ CREDIT OF 2 Occupational Credits
Prerequisites Architecture and construction foundations
Description: A course that generally prepares individuals to apply technical knowledge and skills to lay out and shape stock; assemble wooden articles or subassemblies; mark, bind, saw, carve, and sand wooden products; repair wooden articles, and use a variety of hand and power tools.

Residential Carpentry/Carpenter Course # TIC351, TIC352
Open to Grades 9-12 Length: 1 Semester
Graduation Requirement FULFILLS ½ CREDIT OF 2 Occupational Credits
Prerequisites Architecture and construction foundations
Description: A course that prepares individuals to apply technical knowledge and skills to lay out, cut, fabricate, erect, install, and repair wooden structures and fixtures, using hand and power tools. Includes instruction in technical mathematics, framing, construction materials and selection, job estimating, blueprint reading, foundations and roughing-in, finish carpentry techniques, and applicable codes and standards.

MANUFACTURING/AUTOMOTIVE/ENGINEERING

Automotive Foundations Course # TIC120
Open to Grades 9-12 Length: 1 Semester
Graduation Requirement FULFILLS ½ CREDIT OF 2 Occupational Credits
Prerequisites None
Description: A course that focuses on the theories, methods and techniques used in the transportation and automotive fields. Instruction in core cluster skills. Includes instruction in alternative fuels, mass transportation, maintenance, tools, communication and employability skills, and safety.

Automobile/Automotive General Service Technician I

Course # TIC460
Open to Grades 9-12
Graduation Requirement FULFILLS ½ CREDIT OF 2 Occupational Credits
Prerequisites Automotive Foundations
Description: A course that prepares individuals to engage in the specialized servicing and maintenance of all types of automobiles. Includes instruction in the diagnosis of malfunctions in, and the adjustment of, engines, fuel, electrical and braking systems as well as the replacement and repair of tires; alignment of the suspension systems. Special instruction is provided in the adjustment of the carburetion system and the related sub components which affect emissions control standards.

Automobile/Automotive General Service Technician II
Course # TIC470
Open to Grades 10-12
Graduation Requirement FULFILLS ½ CREDIT OF 2 Occupational Credits
Prerequisites Automotive Foundations
Description: A course that prepares individuals to engage in the specialized servicing and maintenance of all types of automobiles. Continuation of AGS Tech I. Includes instruction in the diagnosis of, malfunctions in and the adjustment of master cylinders, R & R engine, R & R differentials, transfer case, drive line, brakes and front end CV. Includes instruction in structure analysis, damage repair, non-structural analysis, mechanical and electrical components.

Automobile/Automotive General Service Technician III/IV
Course # TIC480
Open to Grades 10-12
Graduation Requirement FULFILLS ½ CREDIT OF 2 Occupational Credits
Prerequisites Automotive Foundations
Description: A course that prepares individuals to engage in the specialized servicing and maintenance of all types of automobiles. Continuation of AGS Tech II. A course that prepares individuals to apply technical knowledge and skills to repair, service, and maintain all types of automobiles. Includes instruction in brake systems, electrical systems, engine performance, engine repair, suspension and steering, automatic and manual transmissions and drive trains, and heating and air conditioning systems.

Metals Technology
Course # TIC101, TIC102
Open to Grades 9-12
Graduation Requirement FULFILLS ½ CREDIT OF 2 Occupational Credits
Prerequisites Precision Production Trades Foundations
Description: A course that prepares individuals to apply technical knowledge and skills to join or cut metal surfaces. Includes instruction in arc welding, resistance welding, brazing and soldering, cutting, high energy beam welding and cutting, solid state welding, ferrous and non-ferrous materials, oxidation-reduction reactions, welding, metallurgy, welding processes and heat treating, structural design, safety, and applicable codes and standards.

Advanced Metal Technology
Course # TIC201, TIC202
Open to Grades 10-12
Graduation Requirement FULFILLS ½ CREDIT OF 2 Occupational Credits
Prerequisites Precision Production Trades Foundations
Description: A course that prepares students to build upon the technical knowledge and skills learned in welding technology I. Includes advanced instruction in arc welding, brazing and soldering, plasma cam cutting and design drafting, welding processes and heat treating. Bending and joining metal, structural design, safety and applicable codes and standards.

Art of Metals
Course # TIC490
Open to Grades 10-12
Graduation Requirement FULFILLS ½ CREDIT OF 2 Occupational Credits or ½ CREDIT of Art
Prerequisites Precision Production Trades Foundations
Description: A program that generally prepares individuals to apply knowledge and technical skills in creating, producing, and selling products in the fields of, metal, ceramic, polymers, and mixed media. Instruction includes art theory, design, safety, technical skills, production skills and marketing, sales, entrepreneurship, and management.

ARTS/AV TECHNOLOGY AND COMMUNICATIONS
(Second, Third and Fourth Year Students)
Intro to Journalism
Course #COM101
Leadership in Journalism
Course #COM102
Editorship
Course #COM201

Open to Grades  10-12 (9 with instructor permission)  Length:  1 semester
Graduation Requirement  FULFILLS ½ CREDIT OF 2 REQUIRED CTE CREDITS
Prerequisites  One full credit of Freshman English and ½ credit in Applied Communication

Description: Students will be prepared to apply technical knowledge and skills in order to design and layout aesthetically pleasing pages. Students will use digital imaging, print preparation, page layout, desktop design and some principles of graphic design. In this course students will focus on communication through reading, writing, speaking and listening. Editing and revising other students’ work and student’s own work, organizing time and prioritizing tasks will be emphasized. Students will improve leadership skills and develop a “team player” attitude so that the publications (newspaper and yearbook) and staff benefit from the contributions of each individual. Workplace skills in managing staff and meeting deadlines are an integral part of this course. Leadership is tied to the Journalism Education Association and National Scholastic Press Association. First year focus: Intro to Journalism; Second year focus: Leadership in Journalism; Third year focus: Journalistic Editorship.

BUSINESS

Introduction to Business:  Course #BUS100
Open to Grades  9-12  Length:  1 semester
A course that focuses on the general study of business, including owning and operating a business, marketing strategies, basic economic systems, human resources, managing business finances, career planning, buying goods and services, use of credit, money management, and finance. The course may prepare individuals to apply business principles and techniques in various occupational settings.

Introduction to Marketing:  Course #BUS200
Open to Grades  9-12  Length:  1 semester
Learn about the 4 P’s of Marketing – Product, Place, Price, and Promotion. Students will learn the functions and impact of marketing, economic competition, marketing strategies, consumer decision making and motivation of buyers, distribution channels, brand recognition, and product development.

Introduction to Entrepreneurship:  Course #BUS130
Open to Grades  10-12  Length:  1 semester
This course is an introduction to the concept of entrepreneurship The course will cover the characteristics of and types of entrepreneurs, identifying problems and opportunities, creative problem solving, developing a viable business model and entrepreneurial ethics.

Cooperative Worksite Experience:  Course #BUS400
Open to Grades  10-12  Length:  1 semester
This is designed for students who wish to gain real workplace experience and employability skills. This is an extended learning experience outside the school day where students learn, in cooperation with employers, to make connections between classroom learning and the workplace. Students need to be concurrently enrolled in a CTEs course or have previously taken a related CTE course in order to enroll.

OTHER NON-DEPARTMENTAL

AVID  Course # AVD 100/101 or AVD 200/201
Open to Grades  9-12  Length:  2 Semester  Conventional
Graduation Requirement  FULFILLS ½ OF AN ELECTIVE CREDIT EACH SEMESTER
Prerequisites  Acceptance into the AVID program and commitment through Senior year.
Description: AVID (Advancement Via Individual Determination) is a program dedicated to helping students achieve their
goals of going to college or other post-secondary options, by providing academic assistance and extra encouragement for post-secondary success. Students considered for AVID are bright students who might need extra support to reach their college dreams and may include students who are typically underserved in the college system or the first in their family to attend a 4-year college or university.

Course # OTR111, OTR122

**Library Aide**
Open to Grades 10-12 Length: 1 Semester **Conventional**
Graduation Requirement FULFILLS ½ OF AN ELECTIVE CREDIT EACH SEMESTER
Prerequisites 1) Librarian and Administrator recommendation
2) Excellent attitude and behavior
Description: Library aides help check in and check out all library materials and equipment, process magazines, laminate materials, simple data processing, library cleaning and arrangement and retrieve lost or missing items when needed. Library aides must be willing to do any number of tasks as requested by the librarian.

Course # OTR211, OTR222

**Teachers Aide**
Open to Grades 11-12 Length: 1 Semester **Social**
Graduation Requirement FULFILLS ½ OF AN ELECTIVE CREDIT EACH SEMESTER
Prerequisites 1) Teacher and Administration recommendation
2) Excellent attendance and behavior
Description: Teacher aides are selected by various teachers to help them run errands, Xerox, answer the phone, input on the computer, and file, among other tasks. Being a teacher aide requires that the aide be a responsible, dependable and energetic person. Teacher aides must have demonstrated good attendance.

Course # OTR311, OTR322

**Cross-Age Tutoring –**
Open to Grades 11-12 Length: 1 Semester **Social**
Graduation Requirement FULFILLS ½ OF AN ELECTIVE CREDIT EACH SEMESTER
Prerequisites 1) Tutor Supervisor and Administration Recommendation
2) Excellent attendance and behavior
Description: This course provides Stevenson High School juniors and seniors the opportunity to work with younger students and P-8 staff in the Stevenson-Carson School District. Experience in learning and teaching theory and basic principles of child psychology as well as planning and facilitating student activities will be provided. These opportunities will include working with students as well as aiding teachers in their daily responsibilities. It also provides experiences in clerical and media services. There is also an opportunity to work one-on-one with struggling readers. Each student will be paired with a struggling reader at Carson Elementary and will serve as an aid with reading activities in the classroom. This is an elective course and it is expected that students arrive safely to their assigned school by their own means.

Course # OTR411, OTR422

**Office Aide**
Open to Grades 10-12 Length: 1 Semester **Conventional**
Graduation Requirement FULFILLS ½ OF AN ELECTIVE CREDIT EACH SEMESTER
Prerequisites 1) Application process and Administration Approval
2) Excellent attendance and behavior
Description: Office aides are chosen very carefully. An office aide must have excellent attendance. He/she must be trustworthy, friendly, and willing to work hard. Some of the duties assigned to an office aide might include: picking up attendance and delivering messages to students, answering the telephone, making copies for teachers, administrators, etc.; computer input & filing, and greeting the public.

Course # INT210 & INT211

**The Exploration of Lewis and Clark**
**Offered only on odd years 2018/2019**
Open to Grades 11-12 Length: 2 Semesters
Graduation Requirement Elective
Prerequisites Teacher Approval
This course will follow the path of the Lewis and Clark expedition and the Corps of Discovery. Students will work in teams on projects such as research, historical writing, team building, and water safety skills that will lead them to a better understanding of Pacific Northwest History. The course culminates with a 5-day canoe and camping historical expedition reenactment down the Columbia River from Beacon Rock to Astoria, Oregon. Successful completion of this course would allow students to receive ½ English Elective and ½ Elective credits. Participation with parent/guardian in an informational meeting and commitment to the spring canoe trip is required prior to placement in the class. *This course is not on the NCAA clearing house.*
PHYSICAL EDUCATION DEPARTMENT

**PE Fundamentals & Health (Required)**  
Course # PED130  
Open to Grades 9-12  
Length: 1 Semester  
Graduation Requirement FULFILLS ½ CREDIT OF TWO REQUIRED P.E. CREDITS  
Prerequisites None  
Description: Students will learn about the aspects of living a healthy and active life. A variety of team, dual and individual activities will be offered. During the class the students will learn the skill and rules of each activity and game. Students will also develop skills that will make them health-literate adults. These include awareness and consequences of risky behaviors, disease prevention, overall wellness, and identification of community health resources. Fitness testing and state required assessments will be given. Daily participation and notebook are required.

**Lifetime Sports and Fitness**  
Course # PED201, PED202  
Open to Grades 9-12  
Length: 1 Semester  
Graduation Requirement FULFILLS ½ CREDIT OF TWO REQUIRED P.E. CREDITS  
Prerequisites None  
Description: This class would include flag football, soccer, speed away, basketball, volleyball, badminton, pickle ball, and team handball. During the class the students will learn the skill and rules of each game. By playing the games and having fun, our goal is that students will stay fit for life. Emphasis will be placed on sportsmanship, teamwork and developing motor skills. Fitness testing and state required assessments will be given. Daily participation and notebook are required.

**Strength and Conditioning**  
Course # PED301, PED302  
Open to Grades 9-12  
Length: 1 Semester  
Graduation Requirement FULFILLS ½ CREDIT OF TWO REQUIRED P.E. CREDITS  
Prerequisites None  
Description: This course is designed to give students the opportunity to learn weight training concepts and techniques used for obtaining optimal physical fitness. Students will benefit from comprehensive weight training and cardiorespiratory endurance activities. Students will learn the basic fundamentals of weight training, strength training, cardiorespiratory training, flexibility training and overall fitness training and conditioning. Course includes both lecture and activity sessions. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime. Fitness testing and state required assessments will be given. Daily participation and notebook are required.

SCIENCE DEPARTMENT

**Integrated Science**  
Course # SCI100 and SCI101  
Open to Grades 9-12  
Length: 2 Semesters  
Graduation Requirement WILL FULFILL 1 CREDIT OF 3 REQUIRED SCIENCE CREDITS  
Prerequisites None  
Description: Integrated Science is an introductory lab course. Students will explore different areas of science including Earth Science, Ecology, Physical Science, and more. Focus will be on reading for information, scientific method, and collecting and analyzing data.

**Biology (Required)**  
Course # SCI100 and SCI101  
Open to Grades 9-12  
Length: 2 Semesters  
Graduation Requirement WILL FULFILL 1 CREDIT OF 3 REQUIRED SCIENCE CREDITS  
Prerequisites None  
Description: Biology is an introductory lab course. The first semester will have an emphasis on cellular biology, DNA, genetics and evolution. The second semester includes human anatomy and preparation for the Biology EOC exam. Students will learn various lab and microscope techniques, modeling of genetics and evolution concepts and conduct dissections.
### AP Biology
**Offered on even years – 2019/2020**

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<td>11-12</td>
<td>2 Semesters</td>
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**Prerequisites**
- One credit in Biology and Chemistry

**Description:** This course is recommended for college bound students interested in Biology. Topics will include biochemistry, cell biology, genetics, evolution, anatomy and ecology. The curriculum and text are at the level of an introductory college course. Students can earn college credit by passing the AP exam at the end of the course.

### Chemistry
**Offered on odd years – 2018/2019**

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**Prerequisites**
- Biology, Physical Science (unless approved by instructor), Algebra

**Description:** Chemistry is an advanced laboratory science course recommended for students planning on college or advanced technical certificates. The class will study the basic structure of matter and atoms, periodic properties, how and why atoms form molecules and the mathematical relationships involved. The course will also include a survey into different applications of chemistry in science, including solutions, acids-bases, gas phase properties and introductory physical chemistry. Laboratory experiences are designed to enhance the course concepts and further develop interest in science. Good algebra skills are a necessity.

**Specific Expectations:** Students will learn about applications of chemistry and chemistry careers. They will learn about how matter is organized, the chemical and physical properties and changes in matter, the structure of the atom and the use of mathematics applied to science. They will discover how quantum chemistry explains the periodic properties of elements and the guidelines that dictate how atoms form molecules. Naming compounds, formula writing, balancing equation, predicting reactions and stoichiometry are all skills that students will acquire.

### Physics
**Offered on even years – 2019/2020**

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<td>1 Semester</td>
<td>WILL FULFILL 1 OF 3 REQUIRED SCIENCE CREDITS. Many colleges require 4 years of science.</td>
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</table>

**Prerequisites**
- Concurrent or completion of Integrated 3 Math

**Description:** Physics is a college preparatory class recommended for most college-bound students. Classical physics will be math intensive on the application level so mastery of math skills is essential. The use of physics formulas to solve problems is the core of the course and used to prove the physics concepts presented. This course is designed to be a project-based introduction to scientific research, where students will choose a physics topic and will design experiments to illustrate their topics. Students will be responsible for developing and presenting their topics to their classmates.

**Specific Expectations:** Students will spend time reviewing physics topics and math then apply it for the rest of the term. Specific units include (but are not limited to) simple, accelerated and projectile motion, vectors, friction and Newton’s Laws.

### AP Chemistry
**Offered on odd years – 2018/2019**

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<tr>
<td>11-12</td>
<td>2 Semesters</td>
<td>WILL FULFILL 1 CREDIT OF TWO REQUIRED SCIENCE CREDITS. Many colleges require 4 years of science.</td>
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**Prerequisites**
- Full year of chemistry, Advanced Algebra and Trig or concurrent enrollment

**Description:** This course is designed for students who are planning to take the AP chemistry exam with the purpose of obtaining university credit for chemistry while in high school. The class is designed to start where 1st year chemistry ends and expands upon topics such as the structure of atoms and molecules, the states and properties of matter, advanced reaction chemistry, equilibrium, kinetics, thermodynamics and nuclear chemistry. This class will be heavily lab-based and the expectations will be that all work will be held to the standard of an introductory college chemistry class. Students can earn college credit by passing the AP exam at the end of the course, fee applies.
## Science Electives

### Forensic Science
**Course #: SCI240**
- **Open to Grades:** 10-12
- **Length:** 1 Semester
- **Graduation Requirement:** WILL FULFILL ½ CREDIT OF 3 REQUIRED SCIENCE CREDITS. Many colleges require 4 years of science.
- **Prerequisites:** Biology and concurrent or completion of chemistry/Integrated 1 Math

**Description:** This course is designed to be a practical introduction into real-world forensics. This class will discuss the truth and fiction of “Hollywood” versions of forensics and discuss the actual practices in forensic sciences that go on around the country. Topics covered will include handling evidence, crime scene investigation, fingerprinting techniques, injuries and autopsy, ballistics, blood stains/splatter, DNA evidence and analysis and trace evidence analysis.

### Gorge Science
**Course #: SCI320**
- **Open to Grades:** 10-12
- **Length:** 1 Semester
- **Graduation Requirement:** WILL FULFILL ½ CREDIT OF 3 REQUIRED SCIENCE CREDITS
- **Prerequisites:** One credit in Biology

**Description:** We live in one of the most unique and active geologic areas in the world. A half-hour drive will take you from a near temperate rainforest to a dry scrubland. In a year’s time, we may endure a deluge and the landslides that accompany them, an ice storm that humbles a mighty oak and a summer that turns the forest into kindling. And through it all, you can pull out a salmon or trout on the Columbia as a kite boarder zips by. Study the science behind the Gorge phenomenon (Geology, Geography, Climatology, Natural Resources).

### Botany
**Course #: SCI120**
- **Open to Grades:** 10-12
- **Length:** 1 Semester- Spring
- **Graduation Requirement:** WILL FULFILL ½ CREDIT OF 3 REQUIRED SCIENCE CREDITS
- **Prerequisites:** One Full Science Credit

**Description:** This intermediate class will study the entire range of the plant kingdom, from the low-lying mosses to the towering firs. Topics will range from photosynthesis, plant anatomy and identification to floral structure. Students will participate in labs, field studies and work in the greenhouse and school garden. Students will be active in the development and maintenance of the school garden. Be prepared to get soil under your fingernails.

### Independent Science
**Course #: SCI500**
- **Open to Grades:** 9-12
- **Length:** 1 Semester
- **Graduation Requirement:** FULFILLS ½ CREDIT OF THREE SCIENCE CREDITS REQUIRED TO GRADUATE
  **Not a lab science**
- **Prerequisite:** Placement by Counseling Department Staff

**Description:** Students will work independently using the APEX system. Successful students need to be organized and able to work independently with teacher support.

### Social Science Department

### World History
**Course #: SOC200 and SOC201**
- **Open to Grades:** 10
- **Length:** 2 Semesters
- **Graduation Requirement:** WILL FULFILL WORLD HISTORY CREDIT
- **Prerequisites:** NONE

**Description:** World History is a course designed to cover the events and people of the past from the renaissance up to the modern era. Students will have an opportunity to learn through a variety of methods and techniques. Students will also learn world geography. A comprehensive final will be given at the end of each semester. Topic include:

- The Renaissance and Reformation
- Islam, the Ottoman Empire, Exploration
- The Age of Absolutism, Enlightenment, and French Revolution
- Industrial Revolution, Imperialism
- World War I, World War II, and modern global issues
U.S. History Course # SOC300 and SOC301
Open to Grades 11 Length: 2 Semesters
Graduation Requirement WILL FULFILL U.S. HISTORY CREDIT
Prerequisites NONE
Important topics will include:
- The Constitution, Reconstruction, westward expansion, railroads, industrialization, unions, and big business.
- Immigration, migration, Native American policies, Progressivism, and Mass Culture.
- American Imperialism, World War I, and presidential reforms.
- Women and African-American cultural roles, society, and mass media.
- The Great Depression, Roosevelt / New Deal, World War II, and the Holocaust.
- The Cold War and nuclear weapons, the Korean War, Civil Rights, and Vietnam.
- Reaganomics, conservatism, the Clinton Era, war on terrorism and Patriot Act.

Contemporary World Issues (CWI) Course # SOC400 and SOC401
Open to Grades 12 Length: 2 Semesters
Graduation Requirement WILL FULFILL C.W.I. CREDIT
Prerequisites NONE
Description: Students will be required to:
- participate in group and individual activities
- write position papers, writing, research, and public speaking
- current event note taking/quizzes
- world map locations / topics
- economic data collection, charts, graphs and spreadsheets
- civic and government studies at local, state, and national level (We the People program will fulfill state graduation requirement for Civics credit)
- complete senior culminating project: mentor hours, Dress for Success, learning journey connection tri-fold for Spring Celebration and preparation for Senior Boards.

Washington State History Course # SOC100
Open to Grades 9-12 Length: 1 Semester
Graduation Requirement REQUIRED if not taken in middle school
Prerequisites NONE
Description: Washington State History develops enduring understandings of core concepts and ideas in civics, government, economics, and geography. Washington State History also focuses on treaties, statehood, and the people of Washington State.

Independent Social Studies Course # SOC500
Open to Grades 9-12 Length: 1 Semester
Graduation Requirement FULFILLS ½ CREDIT OF THREE SOCIAL STUDIES CREDITS REQUIRED TO GRADUATE
Prerequisite Placement by Counseling Department Staff
Description: Students will work independently using the APEX system. Successful students need to be organized and able to work independently with teacher support.

SPECIAL EDUCATION

Resource English Course # SED110, SED120
Open to Grades 9-12 Length: 1 Semester
Graduation Requirement WILL FULFILL ½ CREDIT OF FOUR ENGLISH CREDIT
Prerequisites IEP
Description: This class will fulfill an English credit for a student with an IEP. Curriculum includes reading, writing and speaking skills.
**Resource Math**

Course # SED210, SED220

Open to Grades: 9-12
Length: 1 Semester
Graduation Requirement: WILL FULFILL ½ CREDIT OF FOUR MATH CREDITS EACH SEMESTER
Prerequisites: IEP

Description: This class will fulfill a math credit for a student with an IEP. Curriculum will include basic math skills and consumer math skills.

**Learning Center**

Course # SED310, SED320

Open to Grades: 9-12
Length: 1 Semester
Graduation Requirement: WILL EARN ½ CREDIT EACH SEMESTER
Prerequisites: IEP

Description: This class will teach skills that will help students be more successful in their academic classes. Curriculum will include how to be more organized, how to take tests, homework strategies, etc.

**Life Skills**

Course # SED610, SED620

Open to Grades: 9-12
Length: 1 Semester
Graduation Requirement: WILL EARN ½ CREDIT EACH SEMESTER
Prerequisites: IEP

Description: This class will focus on basic life skills such as money skills, cooking skills, interpersonal skills, communications skills, practical living skills, problem solving skills, work experience, and vocational readiness.