Seneca East High School
13343 E US 224
Attica, Ohio 44807

2019-2020
Program of Studies

Seneca East Board of Education Members

Mrs. Shelly Daniel
Mrs. Jaimie Beamer
Mrs. Melissa Larick
Ms. Valerie Phillips
Mr. Dan Stacklin

Accredited by: The Ohio Department of Education

Seneca East does not discriminate on the basis of sex, race, color, national origin, religion, age or physical-mental handicap in employment or educational programs and activities.
**Quest for Excellence**

The curricula at Seneca East High School has been evaluated thoroughly so that it will provide a quality education to its student body. Along with the regular education course of studies, the honors and advanced placement curricula provides a wide range of opportunities for various types of learners at our school. Sentinel Career and Technology Center helps us provide an even larger, comprehensive education. Each member of our student body may follow a program that best suits his or her individual aspirations and goals.

Students select courses with the guidance of parents, teachers, and their school counselor. Each year, students should re-evaluate their interests, needs, and talents with the help of parents, teachers, and the school counselor to make sure the courses taken are consistent with goals for life following graduation. The courses selected now are the means of reaching these goals and should be considered carefully and thoroughly.

In addition to gaining the necessary basic skills and meeting requirements for post-high school goals, students should consider taking courses that will provide enrichment. Many of the opportunities available to our students now may not be readily available after graduation. Thus, students should utilize the four years of high school to the fullest extent possible. Through the proper utilization of strengths and by performing at the highest level of efficiency, our students can achieve goals in the quest for excellence in all areas of school life.

The faculty and administration will provide the opportunities for each of our students to become educated, but students themselves must accept the responsibility for gaining the education that will enable them to become productive and successful in life.

Yours for Educational Excellence!

Don Vogt
Principal
General Information

Planning Your Schedule
Planning a schedule for high school requires yearly self-appraisal. Students must examine their interests and goals and study the various curricular offerings and requirements needed to pursue the next steps in their education. There should be a basic plan of related subjects that will provide a foundation for projected post high school goals. Students and parents should read the following material carefully. The school counselor and teachers will aid students/parents in any way possible.

Counseling Services
Counseling services are an integral part of the Seneca East Local School system. Every effort is made by the staff to assist students in recognizing their abilities and interests and in making information available that will help students when scheduling their high school courses. The school counselor periodically reviews each student’s course selections, and combined with recommendations from staff, assists each student in meeting graduation requirements and in formulating realistic future goals. Parent cooperation and participation is a vital part of the counseling program. The school counselor welcomes parents throughout the year for conferences, especially during the registration process.

Scheduling
A full-time student must be enrolled in a minimum of six periods of classes AND earn a minimum of five credits per year. Required subjects must be taken during the school year in the stated sequence. Students must meet all course prerequisites before taking desired courses. If a course is failed or if a student does not meet a prerequisite, students should consider taking these courses during the summer.

Length of School Day
The Ohio Department of Education standards are as follows: “The official school day for pupils shall consist of no less than 5 ½ clock hours for scheduled classes and supervised study.” School starts at 7:45 a.m. and concludes at 2:59 p.m.

Seneca East Credit Requirements for Graduation
To earn a diploma from SEHS, students must meet the following credit requirements:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4</td>
</tr>
<tr>
<td>Social Science (US History, World History and US Government)</td>
<td>3</td>
</tr>
<tr>
<td>Science (including physical, biological and advanced science)</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics (including Algebra II)</td>
<td>4</td>
</tr>
<tr>
<td>Health</td>
<td>½</td>
</tr>
<tr>
<td>Physical Education (or equivalent)</td>
<td>½</td>
</tr>
<tr>
<td>Fine Arts/Foreign Language/ Technology</td>
<td>1</td>
</tr>
<tr>
<td>Electives (including Study Skills and ACT Prep)</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>20</td>
</tr>
</tbody>
</table>
Ohio Graduation Requirements

The requirements for graduation from every public and chartered nonpublic high school shall include twenty units that are designed to prepare students for college and the workforce. The units shall be distributed as follows:

- English language arts, four units
- Mathematics, four units, which must include one unit of Algebra II or the equivalent of Algebra II
- Science, three units with inquiry-based laboratory experience that engages students in asking valid scientific questions and gathering and analyzing information, which shall include the following, or their equivalent:
  - Physical sciences, one unit
  - Life Science, one unit
  - Advanced study in one or more of the following sciences, one unit:
    - Chemistry, physics, or other physical science
    - Advanced biology or other life science
    - Astronomy, physical geology, or other earth or space science
- Social studies, three units, which shall include the following:
  - American history, one-half unit
  - American government, one-half unit
  - World history, one-half unit (beginning with Class of 2021)
- Physical education, one-half unit
- Health, one-half unit
- Each school shall integrate the content of economics and financial literacy, as expressed in the social studies academic content standards adopted by the State Board of Education, in a social studies or other course so that all students receive this instruction.
- One sequence or any combination of foreign language, fine arts, business, career-technical education, family and consumer sciences, technology, agricultural education, or English language arts, mathematics, science, or social studies courses not otherwise required, for a total of five units.
- Regarding the fine arts requirement, two semesters or the equivalent to be completed before graduation. The coursework can be completed in any of grades 7-12. Prior to grade nine, the coursework will count for high school credit only if the course satisfied the requirements for advanced work (i.e., the class is taught by a teacher licensed or certified to teach high school; and the local board of education designates the work as meeting the high school curriculum requirements). Career-technical students are exempt from the fine arts requirement.

Diploma with Honors Criteria

A student who chooses to complete the high school Academic Honors Diploma, the Career-Technical Honors Diploma, the STEM Honors Diploma, the Arts Honors Diploma, or the Social Science & Civic Engagement Honors Diploma curriculum must meet all but one of the criteria in the following appropriate column.
<table>
<thead>
<tr>
<th>Academic</th>
<th>Career-Tech</th>
<th>STEM</th>
<th>Art</th>
<th>Social Science/ Civic Engagement</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Math</strong></td>
<td>4 units, Algebra I. Geometry, Algebra II (or equivalent), and one higher level math course</td>
<td>4 units, Algebra I, Geometry, Algebra II (or equivalent), and one higher level math course</td>
<td>5 units, Algebra I, Geometry, Algebra II (or equivalent), and two higher level math courses</td>
<td>4 units, Algebra I. Geometry, Algebra II (or equivalent), and one higher level math course</td>
</tr>
<tr>
<td><strong>Science</strong></td>
<td>4 units, including two units of advanced science</td>
<td>4 units, including two units of advanced science</td>
<td>5 units, including two units of advanced science</td>
<td>3 units, including one unit of advanced science</td>
</tr>
<tr>
<td><strong>Social Studies</strong></td>
<td>4 units</td>
<td>4 units</td>
<td>3 units</td>
<td>3 units</td>
</tr>
<tr>
<td><strong>World Languages</strong></td>
<td>3 units of one world language, or 2 units of two world languages</td>
<td>2 units of one world language</td>
<td>3 units of one world language, or 2 units of two world languages</td>
<td>3 units of one world language, or 2 units of two world languages</td>
</tr>
<tr>
<td><strong>Fine Arts</strong></td>
<td>1 unit</td>
<td>N/A</td>
<td>1 unit</td>
<td>4 units</td>
</tr>
<tr>
<td><strong>Electives</strong></td>
<td>N/A</td>
<td>4 units of Career-Technical minimum</td>
<td>2 units with a focus in STEM courses</td>
<td>3 units with a focus in social sciences and/or civics</td>
</tr>
<tr>
<td><strong>GPA</strong></td>
<td>3.5 on a 4.0 scale</td>
<td>3.5 on a 4.0 scale</td>
<td>3.5 on a 4.0 scale</td>
<td>3.5 on a 4.0 scale</td>
</tr>
<tr>
<td><strong>ACT/SAT WorkKeys</strong></td>
<td>27 ACT/1280 SAT</td>
<td>27 ACT/1280 SAT/WorKKeys (6 Reading for Info &amp; 6 Applied Math)</td>
<td>27 ACT/1280 SAT</td>
<td>27 ACT/1280 SAT</td>
</tr>
<tr>
<td><strong>Field Experience</strong></td>
<td>N/A</td>
<td>Complete a field experience and document the experience in a portfolio specific to the student’s area of focus</td>
<td>Complete a field experience and document the experience in a portfolio specific to the student’s area of focus</td>
<td>Complete a field experience and document the experience in a portfolio specific to the student’s area of focus</td>
</tr>
<tr>
<td><strong>Portfolio</strong></td>
<td>N/A</td>
<td>Develop a comprehensive portfolio of work based on the student’s field experience or a topic related to the student’s area of focus that is reviewed and validated by external experts.</td>
<td>Develop a comprehensive portfolio of work based on the student’s field experience or a topic related to the student’s area of focus that is reviewed and validated by external experts.</td>
<td>Develop a comprehensive portfolio of work based on the student’s field experience or a topic related to the student’s area of focus that is reviewed and validated by external experts.</td>
</tr>
<tr>
<td><strong>Additional Assessment</strong></td>
<td>N/A</td>
<td>Earn an industry-recognized credential or achieve proficiency benchmark</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

N/A = Not Applicable
Diploma with Honors requirements pre-suppose the completion of all high school diploma requirements in the Ohio Revised Code including ½ unit physical education (SB 311 allows school districts to adopt a policy exempting students who participate in interscholastic athletics, marching band, or cheerleading for two full seasons or two years of JROTC from the physical education requirement), ½ unit health, ½ unit American history, and ½ unit American Government.

Writing sections of either standardized test should not be included in the calculation of this score.

**Testing Requirements for Graduation**

All students must take end-of-course exams in English 9, English 10, Algebra I, Geometry, Biology, American History and American Government.

In addition, students must meet ONE of the following three:

1. Students must accumulate a minimum of 18 points from scores on their end-of-course exams, and must also accumulate a minimum of four points in math, four points in English, and six points across science and social studies. Students can earn 1-5 points for each exam, based on their performance. 5=Advanced, 4=Accelerated, 3=Proficient, 2=Basic, and 1=Limited. Any student who earned high school credit in any of the above courses before July 1, 2015 and a required end-of-course exam was not available, will automatically receive points based on his/her final course grade. A=5 points, B=4 points, C=3 points, D=2 points and F=1 point.

2. Earn “remediation-free” scores in English language arts and mathematics on a nationally recognized college admission exam. On the ACT, students need to earn an 18 or higher on the English, 22 or higher on the Mathematics, and a 22 or higher on the Reading. The state of Ohio will pay one time for all 11th grade students in the classes of 2018 and beyond to take the exam free of charge.

3. Earn 12 points through a State Board of Education approved, industry-recognized credential or group of credentials in a single career field and achieve a workforce readiness score on the WorkKeys assessment (14 points for the Class of 2020 and beyond). The WorkKeys has three sections, Applied Mathematics, Locating Information, and Reading for Information; students must earn at least three points on each section.

**Alternative Testing Pathway for the Class of 2020**

Pending the governor’s approval of HB 491, the Class of 2020 has been provided with an alternative testing pathway. To be eligible for the alternative pathway, the student must take all end-of course exams required, must retake, at least once, any end-of-course exam in English language arts or math for which the student received a score of lower than a 3, must successfully complete the school district’s required units of instruction, and must meet at least TWO of the following:

1. Take at least four full-year or equivalent courses during the eleventh and twelfth grade and have a grade point average of at least 2.5 for those courses.
2. Complete a capstone project during the twelfth grade.
3. Complete, during the twelfth grade, 120 hours of work in a community service role or in a position of employment, including internships, work study, co-ops, and apprenticeships.
4. Earn three or more transcripted credit hours under the College Credit Plus program at any time during high school.
5. Pass an Advanced Placement (AP) or International Baccalaureate (IB) course, and receive a score of 3 or higher on the corresponding AP exam or a score of 4 or higher on the corresponding IB exam, at any time during high school.
6. Earn at least a level 3 score on each of the Reading for Information, Applied Mathematics, and Locating Information components of the WorkKeys assessment.
7. Obtain an industry-recognized credential or a group of credentials equal to at least three total points.
8. Satisfy the conditions required to receive an OhioMeansJobs-Readiness Seal.

If a student is following a career-technical pathway, the student must take all end-of-course exams required, must successfully complete the school district’s required units of instruction, must complete a career-technical training program that includes at least four career-technical courses, and must complete ONE of the following:
1. Attain a cumulative score of at least proficient on career-technical education exams, or test modules, that are required for a career-technical education program.
2. Obtain an industry-recognized credential, or a group of credentials equal to at least 12 points.
3. Demonstrate successful workplace participation, as evidenced by documented completion of 250 hours of workplace experience and by regular, written, positive evaluations from the workplace employer or supervisor and representative of the district or school. (This condition must be based on a written agreement signed by the student, a representative of the district or school, and an employer or supervisor.)

Accelerated/Honors Information

The Seneca East honors classes allow students the opportunity to be part of an enthusiastic community of students who are eager to learn in an accelerated setting. The honors classes in grades 7-11 are on-grade level academically advanced courses designed to challenge motivated students to understand rigorous content. The coursework requires students to engage in independent and analytical assignments and to complete a substantial amount of work outside of class. The courses are designed to prepare the students for Advanced Placement (AP) courses during high school.

Students in grade 11 and grade 12 are eligible for AP courses. The AP courses are college courses taught in the high school setting. At the end of each high school AP course, an AP exam is given. Qualifying scores on the AP exams can permit students to receive college credit and/or advance standing at a university or college.
Frequently Asked Questions:

Q: What is the criteria for acceptance into the honors classes?
A: Students who are successful in these kind of classes typically demonstrate a combination of advanced personal and academic characteristics. A rubric evaluating students’ abilities is required for consideration into the classes.

Q: Must a student be part of the honors classes to be prepared for college?
A: All academic courses at Seneca East prepare students for future college and career settings. Careful academic planning should be followed in order to ensure students are prepared for desired career path(s). The school counselor can offer planning assistance.

Q: Will the Honors program prohibit my child from participating in other electives?
A: This pathway could potentially limit the opportunities for electives. Careful planning and collaboration with your school counselor is strongly suggested.

See the following example English rubric for placement of students into Pre-AP English.

<table>
<thead>
<tr>
<th></th>
<th>Weight Factor</th>
<th>5</th>
<th>4</th>
<th>3</th>
<th>2</th>
<th>1</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIR tests</td>
<td>4</td>
<td>5</td>
<td>4</td>
<td>3</td>
<td>2</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Classroom Test Scores for Quarter 1 and 2</td>
<td>4</td>
<td>95-100</td>
<td>90-94</td>
<td>85-89</td>
<td>80-84</td>
<td>75-79</td>
<td></td>
</tr>
<tr>
<td>Writing Sample</td>
<td>3</td>
<td>5</td>
<td>4</td>
<td>3</td>
<td>2</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Days Absent</td>
<td>1</td>
<td>0-3</td>
<td>4-6</td>
<td>7-9</td>
<td>10-12</td>
<td>13-15</td>
<td></td>
</tr>
</tbody>
</table>

**Minimum Guidelines for Possible Career Paths**

The following are high school class recommendations, based on future post high school plans. Acceptance into colleges is becoming more and more competitive. College-bound students should take as many college prep courses as possible.

**College Prep – Science/Technology, Engineering, and Math (STEM):**

College Prep English, 4 credits
Math (Algebra I, Algebra II, Geometry, Trigonometry, and AP Calculus), 4-5 credits
Social Studies (including Contemporary World Issues), 4 credits
Foreign Language, 3 credits
Science (Physical Science, Biology, AP Biology, Chemistry, Physics), 4-5 credits
Health/Physical Education, 1 credit
Computer Technology, 1 credit
Art or Music, 1 credit
ACT Prep, ½ credit
**College Prep (other majors):**
- College Prep English, 4 credits
- Math (Algebra I, Algebra II, Geometry), 4 credits
- Social Studies (including Contemporary World Issues), 4 credits
- Foreign Language, 3 credits
- Science (Lab), 4 credits
- Health/Physical Education, 1 credit
- Computer Technology, ½ credit
- Art or Music, 1 credit
- ACT Prep, ½ credit

**Career & Technical:**
- English Composition & Literature, 4 credits
- Career Field (Sentinel Lab, Agriculture, Business, Home Ec.), 4-6 credits
- Math, 4 credits
- Science, 3 credits
- Social Studies, 3 credits
- Health/Physical Education, 1 credit
- Computer Technology, 1 credit
- ACT Prep, ½ credit

**Scheduling Guidelines for Sentinel Students**

Students are encouraged to take advantage of summer online school opportunities to relieve the pressure of the rigid time frame available to meet graduation requirements.

**Grade 9**
- World Composition & Literature I
- Algebra I
- Physical Science
- U.S. History
- Health/Physical Education
- Study Skills and Career Exploration (if not taken in the 8th grade)
- Electives

**Grade 10**
- World Composition & Literature II
- Geometry
- Biology
- Modern World History
- Physical Education
- Electives

**Grade 11**
- American Composition & Literature
- Algebra II
- US Government
- ACT Prep or Test Prep (if needed)
- Sentinel

**Grade 12**
- British Literature
- 4th Math Course
- Advanced science course
- Sentinel
**Samples of High School Student Schedules**
These are suggested schedules. Schedules will be planned to best suit an individual’s needs.

<table>
<thead>
<tr>
<th>Option 1</th>
<th>Option 2</th>
<th>Option 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Option 1 meets Ohio Department of Education standards for earning a basic diploma.</td>
<td>In addition to the classes listed under Option 1, student must take the following classes to earn a Diploma with Honors.</td>
<td>Option 3 is contingent on students earning Algebra I credit in 8th grade and meeting the rubric requirements to enroll in accelerated classes.</td>
</tr>
<tr>
<td><strong>Grade 9</strong></td>
<td><strong>Grade 9</strong></td>
<td><strong>Grade 9</strong></td>
</tr>
<tr>
<td>English CP or World Comp &amp; Lit I</td>
<td>Spanish I</td>
<td>English 9 Honors</td>
</tr>
<tr>
<td>Algebra I</td>
<td>Spanish II</td>
<td>Honors Geometry</td>
</tr>
<tr>
<td>Physical Science</td>
<td>Grade 10</td>
<td>Physical Science</td>
</tr>
<tr>
<td>U.S. History</td>
<td>Spanish II</td>
<td>Biology</td>
</tr>
<tr>
<td>Health/Physical Education</td>
<td>Grade 11</td>
<td>U.S. History</td>
</tr>
<tr>
<td>Fine Art Elective</td>
<td>Spanish III</td>
<td>Health/Physical Education</td>
</tr>
<tr>
<td>Electives, including Study Skills</td>
<td>Contemporary World Issues</td>
<td>Spanish I</td>
</tr>
<tr>
<td>Grade 10</td>
<td>Chemistry (or other advanced science)</td>
<td>Electives, including Study Skills</td>
</tr>
<tr>
<td>English CP or World Comp &amp; Lit II</td>
<td><strong>Grade 12</strong></td>
<td>Grade 10</td>
</tr>
<tr>
<td>Geometry</td>
<td>Physics (or other advanced science)</td>
<td>English 10 Honors</td>
</tr>
<tr>
<td>Biology</td>
<td>Students must also maintain a 3.5 cumulative GPA to meet honors criteria.</td>
<td>Honors Algebra II</td>
</tr>
<tr>
<td>Modern World History</td>
<td></td>
<td>Chemistry</td>
</tr>
<tr>
<td>Physical Education</td>
<td></td>
<td>Science</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td>Modern World History</td>
</tr>
<tr>
<td>Grade 11</td>
<td></td>
<td>Phys. Ed./ACT Prep</td>
</tr>
<tr>
<td>English CP or American Lit &amp; Comp</td>
<td></td>
<td>Spanish II</td>
</tr>
<tr>
<td>Algebra II</td>
<td></td>
<td>Grade 11</td>
</tr>
<tr>
<td>Science</td>
<td></td>
<td>AP English 11</td>
</tr>
<tr>
<td>U.S. Government</td>
<td></td>
<td>Trigonometry/ PreCalculus</td>
</tr>
<tr>
<td>ACT Prep</td>
<td></td>
<td>Anatomy &amp; Physiology</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td>Contemporary World Issues</td>
</tr>
<tr>
<td>Grade 12</td>
<td></td>
<td>U.S. Government</td>
</tr>
<tr>
<td>English CP or British Lit</td>
<td></td>
<td>Spanish III</td>
</tr>
<tr>
<td>Math</td>
<td></td>
<td>Electives: possibly CCP</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
<td>Grade 12</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AP English 12</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AP Calculus</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Physics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AP Biology</td>
</tr>
<tr>
<td></td>
<td></td>
<td>World Languages</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Electives: possibly CCP</td>
</tr>
</tbody>
</table>
Planning for College

The college preparatory curriculum provides the essential coursework for students to meet the entrance requirements for colleges. In order to be unconditionally admitted to the majority of four-year colleges, students must attain credits in the following core courses:

- English, 4 credits
- Mathematics (including Algebra I, Algebra II, and Geometry), 4 credits
- Social Studies, 3-4 credits
- Science, 3-4 credits
- Foreign Language, 3-4 credits
- Music/Art, 1 credit

IT SHOULD NOT BE ASSUMED THAT HIGH SCHOOL GRADUATION ALONE WILL ADMIT A STUDENT TO COLLEGE. All colleges require a transcript listing final grades, class rank, and grade point average (GPA), as well as results from the ACT and/or SAT test and state mandated tests. Remember that every high school course you take and every grade you earn counts in your cumulative GPA and class rank—try your best in EVERY class, from your freshman year to your senior year. Colleges may also look at your extra-curricular, community service, and leadership activities, as well as recommendations from high school staff and others—get involved!

Students anticipating college entrance should discuss the specific requirements of that college with the school counselor in order to make the best subject choice. Each college’s specific requirements are also provided on each college’s website.

Policy regarding college admission may vary from school to school. Good writing and mathematics skills are highly regarded. Many colleges look for evidence of high motivation and personal integrity in those they admit. Students not taking the courses above may be required to start at a community college or take extra college work that may inhibit a student from completing a four-year program in four years.

College Credit Plus (CC+) Program

Students in grades seven through twelve may enroll in the College Credit Plus Program for the purpose of taking college courses at eligible post-secondary institutions. Students have the opportunity to earn transcripted college credit while attending high school. Students must meet the enrollment requirements for any institution they wish to earn college credit from. Additional information about this program will be given to students at the CC+ meeting on January 16, 2019. Students who wish to participate in the CC+ Program for the 2019-2020 school year are strongly encouraged to attend this informational meeting. Letters of intent to participate in the CC+ program must be received by the school counseling department by April 1, 2019, per the State of Ohio’s Legislation.

Early Release/Late Arrival Policy

The Seneca East Early Release/Late Arrival (ER/LA) Program is available to seniors who have earned the privilege of either leaving school early or arriving late for either work or College Credit Plus purposes. Since this is a privilege, students may forfeit this privilege if they fail to follow school rules, procedures, and guidelines. A student’s schedule may not be altered to accommodate an ER/LA request.
Students may qualify for ER/LA if they are enrolled in an off-campus CCP course that would require them to drive to a college or university. In these instances, students must show proof of enrollment/college schedule to the counseling department prior to starting the course and must either sign in or out at the front office desk depending on the time of the off-campus course.

With the popularity and convenience of CCP online courses, students may also be eligible for ER/LA if they are enrolled in an online CCP course(s). Students must sign in or out at the front office desk depending on the time of their ER/LA. The amount of periods missed with either an ER/LA must correspond to the amount of CCP classes taken online. For instance, if the student is taking one CCP online course, he/she can take only one period of ER/LA. There may be situations when a student may request to the principal/counselor additional periods to work on online courses outside of the school day, including when the student is nearing the 30 hour CCP limit, when the student has met all graduation requirements, etc.

Students may also apply for ER/LA for work purposes. In these instances, students must have a signed note from a parent/legal guardian stating that they are aware of the work that the student is doing, and also complete and sign the ER/LA Form (along with the signature of the employer).

Conditions that apply to ER/LA:
1. Open only to seniors at Seneca East.
2. ER/LA form must be completed prior to the beginning of the school year. See counseling office for form.
3. Students cannot leave and then return to school during the academic school day.
4. Students may leave early for CCP purposes and return after the academic school day for practices or competitions.
5. Students must have a 2.0 Cumulative Grade Point Average at the end of the junior year to be considered for this program.
6. Students must have attained at least 15 credits by the beginning of his/her senior year in order to participate.
7. Students must have scored an 18 on all End of Course Exams or prove they have met the “Remediation Free” ACT score, or passed the Work Keys and Industry Credentialed tests offered at Sentinel.
8. Students must complete 5 full credits during the senior school year. The reference to “senior year” means a school year that runs from June to May (for example, June 2019 - May 2020). Please remember that the OHSAA has additional eligibility requirements.
9. If students are a late arrival, they are not allowed past the office area any earlier than five minutes prior to the start of their first class at Seneca East.
10. If students are an early release, they must leave the campus in a timely manner. They are not to loiter around the building in any capacity. Habitual offenders will be denied early release and placed in an academic class.
11. All students arriving late or leaving early MUST sign in or out through the front desk in the main office.
Loss of ER/LA Privileges:
1. Any out of school suspension or severe disciplinary consequence that is at the discretion of the administration.
2. Cutting/Skipping Class or School.
3. Greater than ten (10) days of absences excluding those excuses allowed by Board policy and the state of Ohio.
4. Greater than five (5) tardies to school for any given semester may result in the loss of ER/LA.
5. Receiving a failing grade in any class checked at each nine week interval.
6. Loitering within the school during ER/LA time.
7. Habitually remaining in parked cars on school grounds during ER/LA time.
8. In regards to ER/LA for work purposes, if the student loses the job he/she had when he/she initially signed up for the program.
9. In regards to ER/LA for CCP purposes, if the student withdraws, is removed, or chooses not to continue with the CCP program.
10. Failure to properly sign in or out of the main office.
11. If problems occur in the community during the time of ER/LA time.

Participation in the ER/LA program is a privilege. Students in violation of the above policies may have their ER/LA privileges suspended or terminated. Although students must follow both school rules and the rules of the ER/LA Policy, Seneca East Local School District will carry no liability for a student’s accident, injury, or actions while out of the school on the ER/LA program.

Students Undecided About the Future After High School
High school students who are undecided about their future are urged to study all offerings listed in this guide. Students should discuss alternatives with teachers, parents, friends, and other interested persons, and seek assistance from the school counselor. Students are encouraged to participate in job shadowing experiences as well as seek out interests and ability assessments to help refine their options. The high school can provide information about various occupations and help individuals find information about jobs and job requirements.

Sentinel Career and Technology Center
The Sentinel Career and Technology Center serves the students of Seneca East High School. Students spend approximately 2 hours and 45 minutes at Sentinel and will receive three credits per year for their selected career program. The students attend Seneca East for the remainder of each day, where they will receive their necessary academic instruction to meet the Ohio Department of Education’s requirements for graduation. Seneca East provides transportation to and from Sentinel. All Seneca East students are eligible for all extracurricular activities at the home school.

Sentinel students gain first-hand knowledge of real-life careers through paid and volunteer work experience, internships, mentoring, and other career-focused activities. Several programs at Sentinel incorporate college course into their curriculum, allowing students in those programs to receive transcripted college credit. Sentinel programs also have articulation agreements with colleges to grant college credits for successful completion. Programs are for juniors and seniors, with the exception of Cosmetology and Career Exploration.
Sentinel students will receive a diploma from Seneca East High School. They will also receive certification recognizing completion of career and technology training. Students who attend Sentinel may be able to complete all necessary course requirements for college entrance at their home schools.

Students must complete an online application to attend the Sentinel Career and Technology Center. Prior to acceptance, students’ graduation progress will be reviewed, and students must meet program prerequisites.

All students accepted into a Sentinel program may be assessed fees for programs. Fees may vary due to the club designation (SkillsUSA, FFA, or FEA) and/or tooling and personal protective equipment requirements.

**Out-of-School Credit**

Credit for out-of-school course work is given toward graduation only with prior approval in writing from the building principal.

**Online Summer School**

Online summer school is strongly recommended for all students who lack one or more credits. “A maximum student load shall be one new unit per summer with the maximum of three such units counting toward graduation,” according to Ohio State minimum standards. Prior approval must be granted by the building principal when credit is to be granted.

**Course Selection**

Students are expected to pursue their selected courses for the entire school year. Except for courses scheduled to change at the end of the first semester, no attempt should be made to change a program from the first to the second semester. It should be noted that all courses are co-educational unless otherwise specified.

**Prerequisites**

In order to enroll in any course, a student must have met the requirements (requisites) for admission to that course. These are included in the description for the course.

**Course Cancellation**

A course will normally be taught if at least ten students are scheduled; if not, the course will be cancelled (except in very unusual cases).

**Electives**

Elective courses are those that are not specifically required courses for graduation.
Schedule Changes

The courses selected in the spring will determine the schedule of classes for the next year. These course selections are binding. Requests for consideration of a schedule change must be made through the school counselor and principal. **Requests will not be considered after the following time limit:**

- **Semester Courses:** One week into the current semester
- **Year Courses:** Two weeks into the current semester

We feel that students have a freedom of choice regarding the classes that they and their parents select for the next school year, but once these choices are made, **changes will only be considered according to the following guidelines:**

1. **IRRESOLVABLE CONFLICT:** Individual circumstances will be reviewed on a case by case basis.
2. **FAILURE OF REQUIRED SUBJECT:** This would include subjects which are necessary to meet graduation requirements.
3. **PROCEDURAL ERRORS:** This would be the administrative omission of a class on the student’s original selection form resulting from computer processing or oversight.
4. **ONLINE SUMMER SCHOOL:** Students in online summer school who completed a course for which they are scheduled in the fall will be permitted to substitute another class for that course only.

   If a student is passing a class at the time of his/her request to withdraw from a subject, the withdrawal will appear on the transcript. If a student is failing a subject at the time of his/her request to withdraw/drop from subject, an “F” will appear on the transcript. In order for a subject to be removed completely from the transcript without a failing grade, a student must withdraw within the previously stated time limit or retake the course and earn a passing grade.

Retaking a Class

In very rare circumstances, a student may retake a class with permission of the principal if there is room for a student in the class and his/her schedule allows. Only the new grade shall appear on the student’s transcript.

Report Cards and Transcripts

The school year consists of two semesters. Each semester is divided into two nine-week grading periods for reporting student progress to parents. Grades are finalized and grade cards are printed to report final grades at the conclusion of the nine week grading periods.

Students who have graduated from Seneca East High School can request a transcript through the online form found on the school website under guidance tab. Students who are currently enrolled and need a transcript (employment, college applications, scholarship applications etc.) should contact the counselor and file a written request. **TRANSCRIPTS ARE ONLY CONSIDERED OFFICIAL IF SIGNED, PRESSED WITH THE SCHOOL SEAL, AND DELIVERED IN A SEALED ENVELOPE.**
Fees
Certain laboratory or activity courses require nominal fees for materials.

Ohio Means Jobs
Students are encouraged to visit the Ohio Means Jobs website - https://jobseeker.ohiomeansjobs.monster.com – to explore job opportunities as well as college and career information.

The Testing Program
The Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test
The PSAT/NMSQT is designed as a preliminary test to gauge how students may do on a college entrance examination such as the Scholastic Aptitude Test (SAT). The PSAT/NMSQT measures reading, writing and language, and mathematics, which are key predictors of college level success. The test is given on a voluntary basis (mainly to juniors) annually in October.

The American College Test (ACT)
The ACT is a college admissions test that covers the areas of English, Mathematics, Reading, and Science and an optional Writing test. Students register online for the ACT at www.actstudent.org. All juniors will take the ACT at Seneca East for free during a one-time statewide spring test.

The PreACT
The PreACT is a shortened practice test for the ACT. All students will be given the preACT during the spring of sophomore year.

Scholastic Aptitude Test (SAT)
The SAT is another college admissions test that covers reading, writing and language, and mathematics. Students can register to take the SAT at sat.org.

The Armed Services Vocational Aptitude Battery and Career Exploration Program
The ASVAB consists of individual tests covering Word Knowledge, Paragraph Comprehension, Arithmetic Reasoning, Mathematics Knowledge, General Science, Auto and Shop Information, Mechanical Comprehension, and Electronics Information. Understanding students’ skills, abilities, and interests will help students make the best decisions about their futures. The ASVAB will be given to interested sophomores, juniors, and seniors annually.
Seneca East High School Course Descriptions

AGRICULTURE

AGRICULTURE, FOOD AND NATURAL RESOURCES (0021)  1.00 All Year
Offered for Grades 9-12. This first course in the career field is an introduction to agricultural and environmental systems. Students will examine principles of food science, natural resource management, animal science and management, plant and horticultural science, power technology, and bioscience. Students will examine the FFA organization and Supervised Agricultural Experience programs. Throughout the course, students will develop communication, leadership, and business skills essential to the agriculture industry.

AGRONOMIC SYSTEMS (0023)  1.00 All Year
Offered for Grades 10-12. Previously known as Landscaping, Greenhouse, and Plant Science. Students will apply knowledge and skills required to research, develop, produce and market major agricultural and horticultural crops. Cultural and sustainable production practices will be examined while students apply scientific knowledge of plant development, nutrition, and growth regulation. The knowledge and skills needed to manage water, soils, and pests related to agronomic crops will be assessed. Students will employ technological advances, communication, business, and management strategies appropriate for the industry.

AGRICULTURAL BUSINESS & COMMUNICATIONS (0026)  1.00 All Year
Offered for Grades 10-12. Previously known as Communications and Leadership. Students will analyze attributes and capabilities of those in leadership positions and develop their communication and leadership skills in authentic situations. The course prepares students to apply journalistic, communication, and broadcasting principles to the development, production, and transmittal of agricultural and environmental systems information. This class will be creating a monthly newsletter for all members and parents.

ANIMAL AND PLANT SCIENCE (0022)  1.00 All Year
Offered for Grades 10-12. Previously known as Animal and Veterinary Science. Students will apply knowledge of animal and plant science to the agriculture industry. They will be introduced to the value of production animals relative to the agricultural marketplace. Students will engage in animal classification and selection, body systems, along with animal welfare and behavior in relation to the production of animals. Students will learn principles of plant anatomy and physiology, and the role of nutrition, deficiencies and growing environment on plant production. Throughout the course, business principles and professional skills will be examined.

ENVIRONMENTAL SCIENCE FOR AG & NATURAL RESOURCES (0024)  1.00 All Year
Offered for Grades 10-12. Previously known as Natural Resource Management. Learners will apply science principles and management practices to the protection of renewable and non-renewable natural resources. Students will learn fundamentals of land use as well as watershed, wildlife, fishery, and forest management. Students will be introduced to management practices related to managing air and water quality along with requirements for managing solid and liquid waste. Communications, business principles, and leadership skill development are essential to the program.
MECHANICAL PRINCIPLES (0025) 1.00 All Year
Offered for Grades 10-12. Previously known as Structural Engineering. Students will engage in the mechanical principles utilized in animal and plant production systems. They will learn electrical theory, design, wiring, hydraulic, and pneumatic theory, along with metallurgy in relation to hot and cold metals. Students will apply knowledge of sheet metal fabrication applicable to the agricultural industry along with identify, diagnose, and maintain small air-cooled engines. Throughout the course, students will learn critical components of site and personal safety as well as communication and leadership skills.

ART

ART I (1000) .50 (1Semester)
Art I focuses on the fundamentals of art. This course explores 2D Art through drawing, shading, perspective images, value and tones, as well as an overview of art history. Weekly homework assignments are required. Open to all students.

DRAWING I (1006A) .50 (1Semester)
Topics covered in this course include pencil, scratchboard, pen and ink, color pencil, and pastels. Weekly homework assignments required. Prerequisite is Art I.

DRAWING II (1006B) .50 (1 Semester)
Topics covered in this course include color pencil work along with pastel charcoal. Weekly homework assignments required. Two prerequisites for this course are Art I and Drawing I.

PAINTING I (1007A) .50 (1 Semester)
In this course, students will be working with watercolors and Tempera. Weekly homework assignments required. Prerequisite is Art I.

PAINTING II (1007B) .50 (1 Semester)
Students will be working with Acrylic and Oils. Weekly homework assignments required. Two prerequisites for this course are Art I and Painting I.

CERAMICS I (1004) .50 (1 Semester)
Students will be introduced to various forms of ceramic (clay) hand building techniques and ceramic glaze application methods. Students will have the opportunity to work on the potter’s wheel. Students will also learn ways to incorporate the use of technology in researching ceramics and documenting their learning. No prerequisite required.

CERAMICS II (1004B) .50 (1 Semester)
Students will expand upon skills learned in Ceramics I. Students will have the opportunity to design their own projects, work in larger scale, use advanced hand building techniques, glaze application methods, and be able to work on the potter’s wheel. Students will work independently and be expected to incorporate technology to document their learning. Prerequisite of a C+ or higher in Ceramics I and permission from the instructor is required.
CERAMICS III and CERAMICS IV .50 (1 Semester)
Independent Study Only: Students will expand upon skills learned in Ceramics II. Students will be expected to design their own projects, work in larger scale, use advanced hand building techniques, glaze application methods, and work on the potter’s wheel. Students will work independently and be expected to incorporate technology to document their learning. Prerequisite of a B- or higher in Ceramics II and permission from the instructor is required.

3-D ART (1005) .50 (1 Semester)
Multi-dimensional art will be the focus of this course. Students will create art using various art media. Possible projects students will create include paper mache figures, clay tiles, and sculptures, basket weaving, and letter sculptures. Weekly homework assignments are required. No prerequisite required.

BUSINESS

ACCOUNTING I (0039) .50 (1 Semester)
Accounting, also known as “the language of business”, plays an important role in the day-to-day activities of every business. In Accounting I, students will learn about career opportunities in accounting, accounting records and reports, record accounting transactions for an entire accounting cycle, and accounting for a payroll system. Students will apply their knowledge of the accounting cycle for a sole proprietorship by completing a business simulation for a service business. A prerequisite for this course is a passing grade of “C” in Algebra I. This fall course is open to students in grades 10 - 12.

ACCOUNTING II (0040) .50 (1 Semester)
In Accounting II, students will continue to learn manual accounting transactions and journal keeping, while also focusing on computerized accounting systems. Students will study the complete accounting cycle for a merchandising business. Topics in this unit will include sales and cash receipts, purchases and cash payments, special journals, adjusting entries, financial statements for a corporation, and closing entries. Special procedures such as accounting for cash funds, recording depreciation of assets, accounting for uncollectible accounts receivable, and inventories will also be studied. Students will apply their knowledge of the merchandising accounting cycle by completing a business simulation for a merchandising corporation. The prerequisite for this course is a passing grade of “C” in Accounting I. This spring semester course is open to open to students in grades 10 – 12.

PERSONAL FINANCE: DOLLARS & SENSE (0045) .50 (1 Semester)
Personal financial planning - the way people spend, save, and invest their money so that they can have the kind of life they want as well as financial security. This course will focus on money management and planning how to get the most from your money. Topics include budgets, savings, investments, credit, insurance, taxes, and more. The consequences of the economic choices we make, scarcity of resources, supply, demand, inflation, expansions, and recessions will also be addressed. This semester course is offered each spring and is open to all students who have passed Algebra I.
ENTREPRENEURSHIP/SMALL BUSINESS MANAGEMENT (0041) .50 (1 Semester)
The study of business operations including start-up, financing, management, and standard practices. Content is based on the National Business Education Association content standards. Students will create their own businesses in class and use the new 3-D printer when they create a new product. This course will assist student in starting their journey towards owning their own businesses! This course will be offered in Fall of 2022.

FASHION MARKETING .50 (1 Semester)
This course takes you from the runway to the real world. Learn marketing concepts in context and use the fashion industry to create interest and excitement. Topics covered are merchandising and buying, fashion economics, labor issues, ethics, and career opportunities. Also included in this course are topics of fashion history, marketing strategies, types of businesses, textiles, designing fashion, and promotion. This course will be offered in Fall of 2019.

SPORTS AND ENTERTAINMENT MANAGEMENT .50 (1 Semester)
This course explores the management principles practiced by successful businesses in the sports and management fields. Topics cover leadership, finance, product management, human resources, legal and ethical issues, managing change, and customer relations. This course also includes managing amateur, college, and professional sports teams, as well as planning, organizing, and staffing. This course will be offered in Fall of 2020.

HOSPITALITY AND TOURISM .50 (1 Semester)
This course covers topics everyone can relate to - everyone goes to restaurants, travels, and stays in lodging facilities. Working for hospitality and tourism businesses requires training, experience, and personal skills for employees and managers. This class will help students develop skills in critical-thinking, problem-solving, responsibility, self-management, leadership, and integrity. Topics include lodging, restaurants, travel, entertainment, marketing, and careers in hospitality and tourism. This course will be offered in Fall of 2021.

CAREER AND TECHNOLOGY AT SENTINEL

AUTOMOTIVE TECHNOLOGY 3.00 All Year
Grades 11-12 or completion of Career Exploration
Automotive Technology is designed to provide students with the skills necessary to become an entry-level auto technician. Instruction is provided on how to keep all makes and models of passenger vehicles in good operating condition. Students work on vehicles brought into the lab and are involved in diagnosis and repair. Throughout the lab experience, practically all parts and systems encountered by auto technicians will be included. Students are also taught safe work habits, job responsibility, and pride in their work and customer relations. Automotive Technology program completers obtain six months of work experience credit towards ASE Certification.
BUILDING CONSTRUCTION TRADES  
Grades 11-12 or completion of Career Exploration  
3.00 All Year  
This course is designed to provide experience for the development of knowledge and skills related to the building industry. The course provides the entry-level skills necessary in building a wood-framed structure. The various aspects of construction taught are: electrical, masonry, plumbing, carpentry, dry walling, finishing, roofing, and insulating. Other important aspects of the program involve cost estimating, ordering materials, and blueprint reading. The proper and safe use of both hand and power tools are equally important parts of the training.

BUSINESS & MARKETING – Senior Only Program  
3.00 All Year  
In the Business & Marketing program, students will learn fundamental business skills and concepts and become proficient with Microsoft Office software. Students will gain introductory knowledge of basic business operations, economics, and business relationships. The course will develop career awareness and employability skills through project based learning and hands-on learning. Students will participate in Business Professionals of America to prepare them to become emerging leaders and business professionals. Other important topics in the course include business management, business operations, personal finance, business technology, business ethics and law, business literacy, entrepreneurship, sales and marketing, and global business.

CAREER EXPLORATION – Grade 9 or 10 (one semester)  
2.00 One Semester  
The Career Exploration Program is a half day, semester long program, for first or second year students allowing them to intently explore the varying aspects, procedures, and expectations of the programs offered at Sentinel. Each student will have the opportunity to actively explore and infiltrate six lab options. Program choices for exploration include the following: Collision Repair, Auto Technology, Precision Machining, Electrical Trades, Building Trades, Welding and Fabrication, Culinary and Hospitality Management, Digital Technologies, Careers in Education, Health Careers Academy, Public Safety, and Independent Living. Students will create a career plan that will help enable them to successfully transition into the proper path throughout the rest of their high school education. Students will also be offered a consumer education class based on current state standards of career exploration during their time on campus.

CAREERS IN EDUCATION  
Grades 11-12 or completion of Career Exploration  
3.00 All Year  
The Careers in Education program is designed to introduce students to careers in the field of education. This program allows students an opportunity to explore the teaching profession in a classroom and through extended classroom internships with cooperating teachers. Students will participate in classrooms at all grade levels, from pre-school to high school. As students gain experience in the classroom settings, they will compile a portfolio reflecting their overall internship and classroom participation. CIE students may also be enrolled in College Credit Plus courses taught at the Sentinel campus.

COLLISION REPAIR TECHNOLOGY  
Grades 11-12 or completion of Career Exploration  
3.00 All Year  
Collision Repair Technology is designed to provide students with the opportunity to develop the necessary skills to become a collision repair technician or to work in a related area. Instruction is provided on vehicles brought into the lab and students are fully involved with the determination
of damage and repairs to be done. During the two years of training, practically all phases of the industry are experienced. Students are also taught safe work habits, job responsibility, pride in their work, and the ability to deal with the public.

COSMETOLOGY – Grades 10, 11, and 12  
3.00 All Year
The Cosmetology Program is a three-year competency based program designed to prepare students to successfully pass the State Board of Cosmetology examination and enter into employment as a licensed cosmetologist. The purpose of the first year is to teach all basic manipulative skills necessary to customer service activities and the overview of all related technology pertaining to their performance. In the second and third year, these skills are refined and an in-depth study of related technology concerning chemistry, electricity, anatomy, physiology, and salon management are undertaken as well as the review of all practical subject applications. During the senior year, the students will also participate in additional coursework and document 300 hours of training for a manager license. A student who completes the three-year course and passes the state board exam will be a licensed managing cosmetologist. A professional, licensed managing cosmetologist will be able to own a salon and have many other career options.

CULINARY ARTS & HOSPITALITY MANAGEMENT  
3.00 All Year
Grades 11-12 or completion of Career Exploration
The Culinary Arts & Hospitality Management program is designed to introduce students to careers in the field of hospitality. As part of the National Restaurant Association’s Pro Start program, this program covers all facets of the industry from working and managing a kitchen to being in charge of events and food service operations. Students will gain valuable experiences spending 200 lab hours operating Sentinel’s restaurant, The Lunch Box Café, and providing catering services. In addition, students will complete 200 internship hours at area restaurants and banquet facilities. Successful completion of the Pro Start program enables students to earn up to 15 college credits.

DIGITAL TECHNOLOGIES  
3.00 All Year
Grades 11-12 or completion of Career Exploration
This program is designed to train students to be an onsite computer expert who specializes in one or more areas. Students will receive hands on training in systems design, set-up and management, software and hardware, and application design and programming. Beginning the second semester of Level 2, students choose a specialization area to concentrate in: Networking, Programming or Multimedia. Digital Technology students may also be enrolled in College Credit Plus courses taught at the Sentinel campus for additional technical classes.

ELECTRICAL TRADES  
3.00 All Year
Grades 11-12 or completion of Career Exploration
Electrical Trades is devoted to electronic theory and trade information. Electronics include layout, assembly, and testing electronic apparatus. The first year is for beginning students with little experience in electricity or robotics. It is intended to prepare students for entrance into one of the many opportunities in the field of electronics. The second year is an advanced continuation of the
skills learned in the first year, plus programmable controllers and robotics. Students will be involved in a broad number of experiences as they relate to the electrical trades. Assembly, installation, maintenance, repairs, programming, and inspection of electrical equipment will be taught. A vital unit to be taught will be dealing with the national, state and local codes, and OSHA by-laws and safety.

ENGINEERING TECHNOLOGIES & ROBOTICS 3.00 All Year
Grades 11-12 or completion of Career Exploration
This program applies Science, Technology, Engineering, and Math (STEM) to explore mechanical, electrical, and engineering technologies. Students will create, design, and implement solutions to complex engineering challenges. Engineering Technologies & Robotics students will experience multiple advanced engineering and robotics technologies. A student who completes this program will be prepared for college engineering technology programs, the opportunity to obtain advance certifications, and possibilities for immediate employment.

HEALTH CAREERS ACADEMY 3.00 All Year
Grades 11-12 or completion of Career Exploration
The Health Careers Academy is designed to incorporate a diversified area of study in the medical field. The program offers a core curriculum in which skills for medical occupations will be taught including dental assisting, medical assisting, medical math, medical terminology and abbreviations, basic pre-nursing, pharmacy assisting, and physical therapy assisting. Students also gain certification in STNA (State Tested Nurse Aide), CPR and First Aid. Students will also learn Anatomy & Physiology for Health Careers during both years of the program. During Level 2, students may participate in internships for more intense training in a specialty area. Beginning Level 1, Health Careers Academy students may be enrolled in College Credit Plus classes, which are taught at Sentinel.

INDEPENDENT LIVING 3.00 All Year
Grades 11-12 or completion of Career Exploration
The Independent Living program provides a modified curriculum that offers students the opportunity to develop skills to become employable and to learn various life skills. Independent Living will provide an innovative, career technical approach to learn transition skills in the areas of daily living, career exploration, and development (horticulture and agriculture) and job readiness. Students will learn to adapt to new environments, recognize and solve problems, develop decision making skills, set and achieve goals, and maintain their personal health.

NAIL & ESTHETICS - Grade 11 or 12 3.00 All Year
The Nail and Esthetics program is a one-year program competency based program designed to prepare students to successfully pass the State Board of Cosmetology Manicuring Examination and Estheticians Examination. Students whom enroll into the Nail and Esthetics program will learn Nail Technology first and after the 200-hour course is complete, they will then learn the 600-hour Esthetician Program. For both programs, students are taught all the basic manipulative skills necessary to customer service activities and the overview of all related technology pertaining to their performance and an in-depth study of related technology concerning chemistry, electricity, anatomy, physiology, and salon management are undertaken as well as the review of all practical subject applications.
<table>
<thead>
<tr>
<th>Program</th>
<th>Credits</th>
<th>Semester</th>
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<tr>
<td><strong>PRECISION MACHINING</strong></td>
<td>3.00</td>
<td>All Year</td>
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<td>Grades 11-12 or completion of Career Exploration</td>
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<td>Precision Machining is a program offering a working knowledge of basic tool room machines such as the drill press, metal lathes, shapers, band saws, milling machines, and grinders. Students will learn how to operate most types of machine tools and learn to know the working properties of metals in order to produce quality results. Students will be involved with marking, finishing, and assembling the metal parts as developed from blueprints. They will also receive instruction on Computerized Numerical Controlled (CNC) and Computer-Aided Manufacturing (CAM) equipment. Precision Machining students will be taught how to safely use these machines and to properly maintain and adjust them.</td>
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| **PUBLIC SAFETY**                            | 3.00    | All Year       |
| Grades 11-12 or completion of Career Exploration |         |                |
| This program is designed to provide students with knowledge and skills applicable to Public Safety careers including but not limited to Firefighting, Emergency Medical Technician-Basic, and Law Enforcement. The Level 1 year will include a diversified overview and exploration of the topics and skills used in the Public Safety Field. The Level 2 year will focus on Law Enforcement and include a 40-hour First Responder training and private security training. Both years, students will participate in physical fitness, agility, and aerobic training. Public Safety students may be enrolled in College Credit Plus classes, which are taught at Sentinel. |         |                |

| **STATE TESTED NURSE AID (STNA) – Senior Only Program** | 3.00    | All Year       |
| This one year program offers a core curriculum designed to prepare students for health related careers or a college pathway. Students will earn certification in First Aid, CPR, and STNA. Qualified students may enroll in College Credit Plus classes which are taught at the Sentinel campus. |         |                |

| **WELDING AND FABRICATION TECHNOLOGY**         | 3.00    | All Year       |
| Grades 11-12 or completion of Career Exploration |         |                |
| Welding and Fabrication Technology is designed to prepare students and acquaint them with the breadth and scope of occupations in welding fabrication. Techniques of joining pieces of metal by applying heat to produce a permanent bond are coupled with classroom theory to produce a knowledgeable and skillful welder. Methods used in fabrication and other products made from heavy metal sheets are also included in this program. Students will receive instruction in Computer-Aided Design (CAD), layout techniques, fundamental pneumatics, hydraulics and robotics. |         |                |

| **COMPUTER TECHNOLOGY**                       |         |                |
| **PROGRAMMING/COMPUTER SCIENCE PRINCIPLES (7118)** | 1.00    | All Year       |
| This course introduces high school students to the foundations of modern computing. The course covers a broad range of foundational topics such as programming, algorithms, the internet, big data, digital privacy and security, and the societal impacts of computing. This class is recognized as a unit of math; all students need at least four math credits to graduate. |         |                |
AP PROGRAMMING/COMPUTER SCIENCE PRINCIPLES (7118AP) 1.00 All Year
This course introduces high school students to the foundations of modern computing. The course covers a broad range of foundational topics such as programming, algorithms, the internet, big data, digital privacy and security, and the societal impacts of computing. This class is recognized as a unit of math; all students need at least four math credits to graduate. Additional work and AP exam, which includes digital components as well as the exam, will be given to all AP students.

COMPUTER TECHNOLOGY GAME DESIGN (7119) .50 (1 Semester)
Is an introduction to computer programming. This course in game design and development engages students in project-based learning to teach computer programming from drag and drop to writing code. Students will learn various skills that go into building games and will create many unique games to enhance different coding skills.

DIGITAL LITERACY AND APPLICATIONS (7121) .50 (1 Semester)
Introduction to the concepts and basic features of electronic computers. Emphasis on the understanding of the terms used in the computer industry to describe hardware, software, procedures, data communications, and security. Laboratory exercises include an overview of the workstation operating system and introduction to the windows-based word processing, spreadsheet, presentation graphics, database package, and internet access. This course will give students the skills needed to be successful in college and career. Keyboarding skills required. May be taken for CCP credit. This course is required for most majors in college.

ROBOTICS (7122) 1.00 All Year
This course is designed to teach introductory level robot programming, logic and reasoning skills, and engineering process using robotics at the context. This course will consist of movement, remote control, sensing, and engineering. The course will utilize VEX robots.

WEBSITE DESIGN (7123) .50 (1 Semester)
This course is an introduction to the design, creation, and maintenance of web pages and websites. Students learn how to critically evaluate website quality, learn how to create and maintain quality web pages, learn about web design standards and why they're important, and learn to create and manipulate images. The course progresses from introductory work on web design to a culminating project in which students design and develop websites for local community organizations.

STEM .50 (1 Semester)
STEM is a curriculum based on the idea of educating students in four specific disciplines – science, technology, engineering, and mathematics – in an interdisciplinary and applied approach. During this course the students will get to design and create things using 3D printers, CNC machines, laser cutters, as well as electronics and programming.

ENGLISH

WORLD LITERATURE AND COMPOSITION I (0051) 1.00 All Year
The ninth grade language arts curriculum model outlines five strands of study for students in ninth grade English: Literature (key ideas and details, craft and structure, and integration of knowledge), Informational Text (key ideas and details, craft and structure, and integration of knowledge),
Writing (text types and purposes, production and distribution, research and range), Speaking/Listening (comprehension, collaboration, and presentation), and Language (conventions of standard English, knowledge of language, and vocabulary). World Literature and Composition I, then, is a study of each of these areas using various stories, dramas, poetry, novels and informational reading from authors representing various countries and cultures that fit the complexity band presented for this grade level. The Composition aspect will include arguments with supportive claims, informative/explanatory texts to convey complex ideas presented in the literature, narratives to develop experiences/events, as well as short and more sustained research projects that answer teacher or student questions. The course will also require elements of speaking and listening and will also include the study of vocabulary and grade-level grammatical elements. Technology will also be integrated into the lessons within this course. World Literature and Composition I, English 9CP, or Honors English 9 is required for graduation.

ENGLISH 9 CP (0051CP) 1.00 All Year
This course parallels the subject matter taught in World Literature & Composition I, but it has a more detailed study of each element presented by ODE’s Common Core Curriculum. Composition is at a higher level than English 9, and the literature is designed for those planning on attending a four-year college or university. Either English 9 CP or another 9th grade English class is required for graduation. To take English 9 CP, the entering student must be recommended by his 8th grade Language Arts teacher. It is highly recommended that the student take Advanced Language Arts as an 8th grader and pass that subject with a “B” or better or have a gifted identification in ELA or in the superior cognitive category. Students coming from regular 8th grade language arts should have earned an “A” in that course to be considered for English 9 CP or come highly recommended from the Language Arts instructor or have a gifted identification in ELA or in the superior cognitive category.

ENGLISH 9 HONORS (0051H) 1.00 All Year
An application process is required for acceptance into the Honors English program or student must have a gifted identification in ELA or in the category of superior cognitive. This gifted identification may also be noted on the rubrics used to place students in the course. This course covers: Literature (key ideas, craft/structure, and integration of knowledge), Informational Text (key ideas and details, craft and structure, and integration of knowledge), Writing (text types and purposes, production/distribution, and research), Speaking/Listening (comprehension/collaboration and presentation), and Language (conventions and knowledge of language). This course will examine the previously mentioned topics at an advanced and in-depth rate. The course requires students to engage in independent and analytical assignments. Completing a substantial amount of work outside of class may be required for this course. The course is designed to cater to those planning on entering a four-year college or university after high school.

WORLD LITERATURE AND COMPOSITION II (0054) 1.00 All Year
In the model curriculum outlined by the state, World Literature and Composition II mimics the course description in grade nine, but to a higher level of complexity and rigor. The World Literature and Composition II curriculum model, again, outlines five strands of study for students in tenth grade English: World Literature (key ideas and details, craft and structure, and integration of knowledge), Informational Text (key ideas and details, craft and structure, and integration of knowledge), Writing (text types and purposes, production and distribution, research and range),
Speaking/Listening (comprehension, collaboration, and presentation), and Language (conventions of standard English, knowledge of language and vocabulary). World Literature and Composition II, then, is a study of each of these areas using various stories, dramas, poetry, novels and informational reading that fit the complexity band presented for this grade level. Writing will include arguments with supportive claims, informative/explanatory texts to convey complex ideas, narratives, to develop experiences/events as well as short and more sustained research projects that answer teacher or student questions. The course will also highlight the basics of speaking and listening and will also include the study of vocabulary and grade-level grammatical elements. Technology, too, will be integrated into this course. World Literature and Composition II, English 10 CP, or English 10 Honors is required for graduation.

**ENGLISH 10 CP (0054CP)** 1.00 All Year
This course parallels the subject matter taught in World Literature and Composition II, but it has greater depth in all aspects of the mandated areas of study (Literature, Informational Text, Writing, Speaking/Listening, and Language). This course is intended for those who plan on entering a four-year college after high school. Either 10 CP or another 10th grade English class is required for graduation. To take 10 CP, a student must successfully pass English 9 CP with a “B” average or have a gifted identification in ELA or in the superior cognitive category. If the student took English 9 or World Literature & Composition I as a freshman, to enter 10 CP, they must have passed freshman English requirement with an “A” average or come highly recommended from the English instructor, or have a gifted identification in ELA or in the category of superior cognitive.

**ENGLISH 10 HONORS (0054H)** 1.00 All Year
A student must be in English 9 Honors and have teacher recommendation to take this course or have a gifted identification in ELA or in the category of superior cognitive. This gifted identification may also be noted on the rubrics used to place students in the course. This course covers the Analysis of Literature and Informational Text through the close readings and annotation of text. Writing focuses on persuasion and argumentation through direct textual evidence. A strong foundation of language, including grammar, diction, and syntax is essential. This course will examine the previously mentioned topics at an advanced and in-depth rate. The course requires students to engage in independent and analytical assignments which entail fluency in reading, writing, and speaking. Completing a substantial amount of reading and preparation outside of class may be required for this course. The course is designed to cater to those planning on taking AP English 11.

**AMERICAN LITERATURE AND COMPOSITION (0056)** 1.00 All Year
As required by the Common Core and state curriculum model, American Literature and Composition will focus on five main strands of learning: Literature (key ideas, craft/structure, and integration of knowledge), Informational Text (key ideas, craft/structure, and integration of knowledge), Writing (text types and purposes, production/distribution, and research), Speaking/Listening (comprehension/collaboration and presentation), and Language (conventions and knowledge of language). American Literature, then, is a study of each of these areas at a level that is more intense than previous years using various stories, dramas, poetry, novels and informational reading written by authors throughout many years of the development of literature in America. Writing will include arguments with supportive claims and analysis, informative/explanatory essays to convey complex ideas, narratives to develop
experiences/events, persuasion to propose adoption of concepts, as well as short and more sustained research projects that answer teacher or student questions. The course will also highlight more rigorous studies of speaking and listening and will also include vocabulary and grade-level grammatical elements. Technology will be integrated into this course as well. American Literature and Composition, English 11 CP, or AP 11 English is required for graduation.

ENGLISH 11 CP (0056CP) 1.00 All Year
This course parallels the subject matter taught in American Literature and Composition, but has greater depth in all aspects of the mandated areas of study (Literature, Informational Text, Writing, Speaking/Listening, and Language). This course is designed to cater to those planning on entering a four-year college or university after high school. Either English 11 CP or another 11th grade English class is required for graduation. To take 11 CP, a student must successfully pass English 10 CP with a “B” average or above or have a gifted identification in ELA or in the category of superior cognitive. If the student took English 10 or World Literature and Composition II as a sophomore, to enter 11 CP, they must have passed English 10 or World Literature and Composition II with an “A” average or come highly recommended from the English instructor, or have a gifted identification in ELA or in the category of superior cognitive.

AP 11 ENGLISH (0056AP) 1.00 All Year
AP English 11 is based on the AP Language and Composition Course Description. According to the description of the class, students must “understand the interactions among a writer’s purpose, audience, subject, and genre and how each of these contributes to effective writing. Students will enhance their own writing skills and understand better each stage of the writing process as they develop expository, analytical, and argumentative compositions.” AP English allows students to earn college credit if students earn high enough scores on the year-end AP Language and Composition Test produced by the College Board. Policies and score cut-offs vary by college. The student should check the website of the college or university they are considering to determine the AP Language and Composition Test scores required for college credit. AP courses carry weighted grades at SEHS, and all students are required to complete the year-end AP Language and Composition Test. SEHS will cover the cost of AP testing for students enrolled in SEHS AP courses. Taking either AP English 11, English 11 CP, or American Literature and Composition is required for graduation. The prerequisite for this course is that interested students must have maintained an A average in Honors 10 or English 10 CP courses throughout the high school English curriculum and come recommended by their 10th grade teacher. In addition, students may have a gifted identification in ELA or in the category of superior cognitive. This gifted identification may also be noted on any potential rubrics used to place students in the course.

BRITISH LITERATURE (0057) 1.00 All Year
Building upon concepts from American Literature and Composition, this course focuses on more intensive studies in language arts as students prepare for college or career readiness. As required by the Common Core and state curriculum model, British Literature will focus on five main strands of learning: Literature (key ideas, craft/structure, and integration of knowledge), Informational Text (key ideas, craft/structure, and integration of knowledge), Writing (text types and purposes, production/distribution, and research), Speaking/Listening (comprehension/collaboration and presentation), and Language (conventions and knowledge of language). British Literature, then, is a study of each of these areas at a level that is more intense than American Literature and
Composition using various stories, dramas, poetry, novels, and informational reading from British authors. Writing will include arguments with supportive claims and analysis, informative/explanatory essays to convey complex ideas, narratives to develop experiences/events, persuasion to propose adoption of concepts, as well as short and more sustained research projects that answer teacher or student questions. The course will also highlight more rigorous studies of speaking and listening and will also include the study of vocabulary and grade-level grammatical elements. Technology will be integrated into this course as well. British Literature, English 12 CP, or AP English 12 is required for graduation.

**ENGLISH 12CP (0060CP)**
1.00 All Year
This course parallels the subject matter taught in British Literature, but has greater depth in all aspects of the mandated areas of study (Literature, Informational Text, Writing, Speaking/Listening, and Language). This course is designed for those who plan to attend a four-year college or university but who don’t want the intensity of AP or the opportunity to receive college credit for introductory English courses in college. Either English 12 CP, 12 AP, or British Literature is required for graduation. To take 12 CP, a student must successfully pass English 11, American Literature and Composition or English 11CP with a “B” average or above or have gifted identification in ELA or in the category of superior cognitive. If the student took English 11 or American Literature and Composition as a junior, to enter 12 CP, they must have passed English 11 or American Literature and Composition with an “A” average or come highly recommended from the English instructor, or have a gifted identification in ELA or in the category of superior cognitive.

**AP 12 ENGLISH (0062AP)**
1.00 All Year
The AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider the work’s structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone. Writing is an integral part of the AP English Literature and Composition course and exam. Writing assignments focus on the critical analysis of literature and include expository, analytical and argumentative essays. Although critical analysis makes up the bulk of student writing for the course, well-constructed creative writing assignments may help students see from the inside how literature is written. Such experiences sharpen their understanding of what writers have accomplished and deepen their appreciation of literary artistry. The goal of both types of writing assignments is to increase students’ ability to explain clearly, cogently, even elegantly, what they understand about literary works and why they interpret them as they do. To that end, writing instruction includes attention to developing and organizing ideas in clear, coherent and persuasive language. It includes study of the elements of style, and it attends to matters of precision and correctness as necessary. Throughout the course, emphasis is placed on helping students develop stylistic maturity. AP English allows students to earn college credit if students earn high enough scores on the year-end AP Literature and Composition Test produced by the College Board. Policies and score cut-offs vary by college. The student should check the website of the college or university they are considering to determine the AP Lit and Comp Test scores required for college credits. AP courses carry weighted grades at SEHS, and all students are required to complete the year-end AP Lit and Comp Test. SEHS will cover the cost of AP testing for students.
enrolled in SEHS AP courses. Taking either British Literature, English 12 CP or AP English 12 is required for graduation. The prerequisite for this course is that interested students must have maintained an A average in CP courses throughout the high school English curriculum and come recommended by their 11 CP instructor. In addition, students may have a gifted identification in ELA or in the category of superior cognitive. This gifted identification may also be noted on any potential rubrics used to place students in the course.

GSW1110, INTRO TO ACADEMIC WRITING 1.00 (1 Semester) & 3 BGSU hours
This is a Bowling Green State University composition course. Course consists of basic expository writing with an emphasis on organizing and developing coherent essays of at least 800 words for college-educated audiences. Students must meet all BGSU admissions and placement testing requirements. Graded S/No Credit.

GSW1120, ACADEMIC WRITING 1.00 (1 Semester) & 3 BGSU hours
This is a Bowling Green State University composition course. Course consists of expository writing including research paper and an emphasis on analytical writing based on critical reading. Students must meet all BGSU admissions and placement testing requirements. Graded ABC/No Credit.

FAMILY AND CONSUMER SCIENCES

INTRODUCTION TO FAMILY AND CONSUMER SCIENCES (0091) .50 (1 Semester)
The course will provide students with an overview of the five major areas of Family and Consumer Sciences. Students will be introduced to basic kitchen practices such as safety and sanitation along with preparing a variety of food. The course will then move into Interior Design to learn about the principles of design and how to design different rooms in a house. The course will then move into Child Development and learning about the stages of development. The course will conclude with a unit on clothing and learning how to sew.

CULINARY FUNDAMENTALS (0094) .50 (1 Semester)
In this course, students will apply basic culinary practices and understand how flavor, texture, and appearance are affected during food preparation. Students will evaluate chemical reactions as they occur in cooking methods and assess how to control high-risk food safety situations. Food safety and sanitation techniques will align to industry-recognized certifications. Open to students in grades 10-12 and is to be taken immediately prior to Food Science.

FOOD SCIENCE (0092) .50 (1 Semester)
In this course, students will apply fundamental culinary techniques, such as knife handling skills and the recognition, selection, and proper use of tools and equipment. An emphasis will be placed on mise en place, the management of time, ingredients, and equipment. Students will apply standard recipe conversation using proper scaling and measurement techniques. Open to students in grades 10-12. Prerequisite is Culinary Fundamentals.
PERSONAL WELLNESS AND DEVELOPMENT (0095) .50 (1 Semester)
In this course students will develop a personalized approach to healthy living. An emphasis will be placed on developing personal health for an adolescent that can be used as they transition through life. Additional topics will focus on problem-solving, work ethics, nutritional and food selections, family dynamics and personal health. This class is open to students who have taken Introduction to Family & Consumer Sciences.

CHILD DEVELOPMENT (0098) .50 (1 Semester)
Parenting is a huge responsibility and endeavor that each person should be prepared for! This course equips students with the skills to make responsible choices about the importance of becoming a parent. Topics include readiness to become a parent, planning a family, pregnancy and childbirth, child development and milestones, parenting styles and theories, basic care of children, and financial concerns raising a child. A weekend of parenting the “Baby Think It Over” doll is one of the special projects of the class. This class is open to students in grades 10-12.

LEADERSHIP AND COMMUNITY ENGAGEMENT (0096) .50 (1 Semester)
In this course, students will learn how to become an active community member and citizen. An emphasis will be placed on in-service learning, leadership training and teambuilding opportunities. Additional topics will include public policy issues, community, and global engagement. This class is open to students in grades 10-12.

INTERIOR DESIGN .50 (1 Semester)
This class is designed to help the student learn to make wise housing choices and to learn about design principles and their application in decorating the inside and outside of houses. Students will study a variety of floor plans and room and furniture arrangement, along with color choices and selection. Students will also use online tools to design floorplans and learn how to draw them by hand. The study of housing styles as well as consumer rights and responsibilities will also be studied.

FOREIGN LANGUAGE

SPANISH I (0071) 1.00 All Year
Spanish I introduces students to the Spanish-speaking world. All four aspects of the language (speaking, listening, writing, and reading) are emphasized. The student will communicate in Spanish, both in person and via technology. Communication will be interpretive (reading and listening), interpersonal (speaking, listening, reading, and writing) and presentational (speaking and writing). Students are also introduced to the culture of several Spanish-speaking countries. The goal of the course is to enable students to communicate basic information in Spanish. Memorization and spelling are integral components of the course. The student must have a final grade or “B” or higher in their current English class.

SPANISH II (0072) 1.00 All Year
Spanish II begins with a review of Spanish I materials. Proficiency in all four aspects of the language is increased and students take a closer look at Spanish culture. The student will communicate in Spanish, both in person and via technology. Communication will be interpretive
(reading and listening), interpersonal (speaking, listening, reading, and writing) and presentational (speaking and writing). Grammar structure is reviewed and expanded. The prerequisite is Spanish I with a minimum final grade of C, or permission of the instructor.

SPANISH III (0073) 1.00 All Year
Spanish III begins with a review of previously learned materials and then continues the study of the language. The student will communicate in Spanish, both in person and via technology. Communication will be interpretive (reading and listening), interpersonal (speaking, listening, reading, and writing) and presentational (speaking and writing). The course includes a more in-depth look at the language and the culture. Students also begin to use the language in skits and/or reading and writing assignments. The prerequisite is Spanish II with a minimum final grade of B, or permission of the instructor.

WORLD LANGUAGES (0074) 1.00 All Year
World Languages will introduce the student to the German and French speaking countries of the world. The student will communicate in German and French, both in person and via technology. Communication will be interpretive (reading and listening), interpersonal (speaking, listening, reading, and writing) and presentational (speaking and writing). Students will gain and use knowledge and understanding of these cultures.

HEALTH AND PHYSICAL EDUCATION

HEALTH (0081) .50 (1 Semester)
Health courses are open to students in the ninth grade and should be taken opposite Physical Education. Health is the study of the state of well-being (wellness) which includes physical health, mental health, social health, and emotional health. Included in the course are discussions on mental and emotional habits, community health problems, drugs, alcohol, human growth and development, non-communicable diseases, communicable diseases, HIV, nutrition, mental health, first aid, safety, and CPR. Health is a required course for graduation.

PHYSICAL EDUCATION I (0082) .25 (1 Semester)
Freshman and sophomores must sign up for this course. This class will be given a letter grade and not a pass/fail grade. Physical Education is required for graduation. In order to receive credit, the student must pass both nine weeks within the semester time frame. Requirements include appropriate gym clothes, tennis shoes, and active participation. Activities include a variety of team sports and individual activities. The goals of physical education class are to promote adequate skills needed to perform a variety of lifelong recreational activities, and to promote safety skills, personal values, and cooperation. Since this is a state requirement, doctors’ excuses are necessary if a student needs to miss more than two classes.

PHYSICAL EDUCATION II (0083) .25 (1 Semester)
In order to sign up for this class you must take and pass Physical Education I. Freshman and sophomores must sign up for this course. This class will be given a letter grade and not a pass/fail grade. Both classes of Physical Education are required for graduation. In order to receive credit, the student must pass both nine weeks within the semester time frame. Requirements include
appropriate gym clothes, tennis shoes and active participation. Activities include a variety of team sports, individual activities, and fitness activities. The goals of physical education class are to promote adequate skills needed to perform a variety of lifelong recreational activities and to promote safety skills, personal values, and cooperation. Since this is a state requirement, doctors’ excuses are necessary if a student needs to miss more than two classes.

ADVANCED PHYSICAL EDUCATION (0084) .25 (1Semester)
This class will be given a letter grade and not a pass/fail grade. In order to receive credit, the student must pass both nine weeks within the semester time frame. Requirements include appropriate gym clothes, tennis shoes and active participation. Activities include a variety of team sports and individual activities. There will be more of an emphasis on fitness and lifelong activities than Physical Education I/II. The goals of physical education class are to promote adequate skills needed to perform a variety of lifelong recreational activities, fitness, and to promote safety skills, personal values, and cooperation. Doctors’ excuses are necessary if a student needs to miss more than two classes.

MATH

BASIC ALGEBRA I (0113) 1.00 All Year
This course is a study of equations and their solutions. Topics covered include converting words into algebraic symbols, algebraic expressions, and operations in the real number system, polynomials, factoring, fractional equations, inequalities, functions and relations, solutions to systems in two variables, the Cartesian coordinate system, rational and irrational numbers, and quadratic functions. Practical uses of algebra will be stressed. There will also be review of pre-algebra topics included. The TI-83 Plus or the TI-84 Graphing Calculator is required.

HONORS ALGEBRA I (0113H) 1.00 All Year
This course is a study of equations and their solutions. Topics covered include converting words into algebraic symbols, algebraic expressions, and operations in the real number system, polynomials, factoring, fractional equations, inequalities, functions and relations, solutions to systems in two variables, the Cartesian coordinate system, rational and irrational numbers, and quadratic functions. Practical uses of algebra will be stressed. This course is strongly recommended for students planning to pursue any further education after graduation. This course is open to students in grades 9 – 12, but it is truly for students in grades 9 or 10 who may be entertaining post-secondary studies. Students taking this course should have a solid arithmetic background. If the student is taking this course in the freshman year, a recommendation from the 8th grade math teacher is required or he/she may have a gifted identification in math or in the area of superior cognitive. Students taking this course must also meet standards and expectations outlined in the department’s honor rubric. Included on the rubric may be an identification as a gifted student in math. Students will need to purchase the TI-83 or the TI-84 Plus Graphing Calculator.

FINANCIAL ALGEBRA (0112) 1.00 All Year
Financial Algebra is an algebra-based technology department program that is intended to provide a 4th credit in math. It builds upon topics in Algebra I and introduces selected topics from upper level math courses in a developmentally appropriate way. The mathematical content is motivated
by and integrated with units on banking, credit, insurance, budgeting, taxes, investing, employment, and retirement planning. Research projects and field work are incorporated into the program. Pre-requisites are Algebra I and Geometry. This class can be taken simultaneously with Algebra II. Students must have a TI-83 Plus Graphing Calculator.

**GEOMETRY (0116) 1.00 All Year**
This course is open to any student who has successfully completed Algebra I. This course is a study of logical reasoning using both the inductive and deductive methods. Topics studied include polygons, similar and congruent triangles, areas and volumes of three dimensional figures, transformations of figures, parallel and perpendicular lines, measurement in space and right triangle trigonometry. Tenth Grade Mathematics Benchmarks will be included in this course. Tools required include an inexpensive compass and protractor and a Texas Instrument TI-83 or the TI-84 Plus Graphing Calculator.

**HONORS GEOMETRY (0116H) 1.00 All Year**
This course is open to students who have successfully completed Algebra I and have been recommended by their Algebra I teacher. In addition, students may also be considered who have been identified as gifted in math or in the area of superior cognitive. This course is a more advanced study of the following topics: similar and congruent triangles and polygons, parallel and perpendicular lines and planes, logic, areas and volumes of three dimensional figures, space measurement, right triangle trigonometry including relationships and the study of circles in the coordinate plane with chords, secants, and tangents. All Tenth Grade Mathematics Benchmarks will be included in study. Students taking this course must also meet standards and expectations outlined in the department’s honor rubric, which may also include gifted identification in math or in the category of superior cognitive. Tools required include and inexpensive compass and protractor and a Texas instrument TI-83 or the TI-84 Plus Graphing Calculator.

**ALGEBRA II (0114) 1.00 All Year**
This course is a study of the complex number system. Topics included are linear and quadratic equations, real and imaginary numbers, logarithms, matrices, and an introduction to trigonometry. Open to students in grades 10-12 with a prerequisite credit in geometry. Students will need to purchase the TI-83 or the TI-84 Plus Graphing Calculator.

**HONORS ALGEBRA II (0114H) 1.00 All Year**
This course is a study of the complex number system. Topics included are linear and quadratic equations, real and imaginary numbers, logarithms, matrices, and an introduction to trigonometry. This class is open to students in grades 10-12 who have a strong background in Algebra I and Geometry. Students taking this course must also meet standards and expectations outlined in the department’s honor rubric, which may also include gifted identification in math or in the category of superior cognitive. Recommendation from Geometry/Algebra I teachers required. Students will need to purchase the TI-83 or the TI-84 Plus graphing calculator.
TRIGONOMETRY/PREC ALGEBRA (0117) 1.00 All Year
Precalculus is a college-preparatory course intended for highly motivated students who have successfully completed Algebra I, Geometry, and Algebra II. A variety of topics are reviewed and expanded upon, including trigonometry, complex numbers, functions, graphing and logarithms. Many topics are combined to explore new areas such as polar coordinates, polar graphing, conic sections, vectors, matrices, polynomial theory and induction proofs. Graphing is studied in-depth to determine properties of functions. Limits and derivatives are introduced. Many other areas are covered to give the college bound student a basis for calculus. Prerequisites are grade of “C” or higher in Geometry and Algebra II, or permission from instructor.

PROBABILITY AND STATISTICS (0118) 1.00 All Year
The purpose of the Probability and Statistics course is to develop the ability to think clearly, logically and critically within mathematical and non-mathematical situations. Students will acquire an understanding of probability and statistics through mathematical formulas and the organization/examination of data. Students will apply probability and statistics concepts through class activities and projects. The skills acquired through the Probability and Statistics course will foster the development of the critical thought required for the high-tech, media-oriented world in which we live and enable the student to become a skillful and cautious decision maker. Student assessment will be one via homework, quizzes, tests, classroom experiments/survey projects, research projects, and multi-media presentations. Prerequisites are Geometry and Algebra II.

AP CALCULUS (0119AP) 1.00 All Year
Calculus is a demanding, college-level elective course. It provides students with a strong foundation in analytic geometry as well as in differential and integral calculus. Differential calculus examines rates of change, commonly referred to as derivatives. Derivatives are examined graphically, numerically, and algebraically. Integral calculus examines area under a curve and cumulative functions using graphic, numerical, and algebraic techniques. The AP course in calculus consists of a full high school academic year of work and is comparable to a calculus course in a college or university. It is expected that students who take an AP course in calculus will seek college credit, college placement, or both from institutions of higher learning. The topics that the College Board recommends be taught in this course come in three broad ranges of mathematical ability in dealing with Functions/Graphs/Limits, Derivatives, and Integrals. Graphing calculators (TI-83/84) are required because they remove tedious computation from numerical and graphing methods of calculus allowing students to deepen their conceptual understanding. A prerequisite of a “C” or higher in Trigonometry/Pre-Calculus is required or a strong recommendation from the Trig/Pre-Calc teacher. In addition, students may have a gifted identification in math or in the category of superior cognitive. This gifted identification may also be noted on any potential rubrics used to place students in the course. AP Calculus allows students to earn college credit if students earn high enough scores on the year-end AP Calculus AB Test produced by the College Board. Policies and score cut-offs vary by college. Students should check the website of the college or university they are considering to determine the AP Calculus Test scores required for college credits. AP courses carry weighted grades at SEHS, and all students are required to complete the year-end Calculus AB Test. SEHS will cover the cost of AP testing for students enrolled in SEHS AP courses.
MUSIC

BAND (3000) 1.00 All Year
The high school band is open to students in grades 9-12. The only prerequisite is that a student must have been in junior high band or have special permission from the director to join. Band meets one period daily. Band plays for all football and all home basketball games. The band is also involved in many parades. Additional hours beyond the school day are required. Band uniforms are furnished by the Music Boosters. Uniform fees and instrument rental fees may apply.

BAND (0141) .50 All Year
Open only to football players and cross country runners who have conflicts (with special permission from the band director and school counselor) and who wish to be in band all year but are unable to perform for marching band shows in the fall. Parades, band concerts, and pep band are required. The student must register for the regular band period all year.

HIGH SCHOOL CHOIR (0142) 1.00 All Year
An elective designed for high school students who are serious about singing, performing, and have a desire to better themselves as musicians. Students rehearse five times per week for 50 minutes. Students develop choral musicianship through performance experience and will be exposed to a multitude of advanced choral music. The choir also offers chances for student leadership, solos, and ensembles throughout the year.

JAZZ BAND (0143) .50 All Year
Jazz Band is an instrumental ensemble that studies and performs the different aspects of jazz music. This ensemble meets outside of the regular school day. This is a performance ensemble. An audition process may be used depending on the number of interested students. Performances take place during and after the school day and on some weekends. Students will receive 0.50 credits that will appear on the transcript. This course will be graded on a Pass/Fail basis.

CHAMBER SINGERS (2000) .50 All Year
An audition only group designed for high school students who are passionate about singing, dancing, and wanting to become stronger performers. Students rehearse several times a week after school and perform often in the surrounding areas. Participants in Chamber Singers require dexterity and good vocal sense.

MUSIC THEORY (0144) .50 (1 Semester)
This is a semester course taught by a qualified music teacher during the school day to high school students who may want to major in music in college. Topics covered may include melody, harmony, rhythm, transposition, composition, instrumentation, music history, composers, piano skills, and ear training. A serious interest in music is the only prerequisite.
BEGINNING VOICE
Want to become a better singer? Singing is a skill that can be learned by anyone. Just like any other skill, it takes time and determination to become a great singer. This course will allow you to become a better singer through both solo repertoire and choral repertoire. Students should take this course if they are interested in studying voice and are unable to take high school choir due to scheduling OR if they would like to take an additional semester long voice class. This class will have minimal performing requirements.

SCIENCE

PHYSICAL SCIENCE (0122) 1.00 All Year
Physical science is a high school level course, which satisfies the Ohio Core science graduation requirements of Ohio Revised Code Section 3313.603. This section of Ohio law requires a three-unit course with inquiry-based laboratory experience that engages students in asking valid scientific questions and gathering and analyzing information. Physical science introduces students to key concepts and theories that provide a foundation for further study in other sciences and advanced science disciplines. Physical science comprises the systematic study of the physical world as it relates to fundamental concepts about matter, energy, and motion. A unified understanding of phenomena in physical, living, Earth, and space systems is the culmination of all previously learned concepts related to chemistry, physics, and Earth and space science, along with historical perspective and mathematical reasoning. This lab course is a requirement for all freshman students, requires a student fee, and will meet the physical science requirement for those students who will not be taking Chemistry or Physics.

BIOLOGY (0123) 1.00 All Year
Biology is a high school level course, which satisfies the Ohio Core science graduation requirements of Ohio Revised Code Section 3313.603. This section of Ohio law requires a three-unit course with inquiry-based laboratory experience that engages students in asking valid scientific questions and gathering and analyzing information. This course investigates the composition, diversity, complexity and interconnectedness of life on Earth. Fundamental concepts of heredity and evolution provide a framework through inquiry-based instruction to explore the living world, the physical environment, and the interactions within and between them. Students engage in investigations to understand and explain the behavior of living things in a variety of scenarios that incorporate scientific reasoning, analysis, communication skills, and real-world applications. This course is a requirement for all sophomore students, and a lab fee will be charged.

HUMAN ANATOMY/PHYSIOLOGY (0124) 1.00 All Year
This course covers the structures and functioning of the human body. It is intended for college-bound students with special interests in nursing and medical science. It is taught using a college level textbook and will require a significant amount of work outside the classroom. Human Anatomy/Physiology is available as an elective to students in grades 11 and 12 who had at least a “B” average in Biology I. A lab fee will be charged.
INORGANIC CHEMISTRY I (0125) 1.00 All Year
Chemistry is a high school level course, which satisfies the Ohio Core science graduation requirements of Ohio Revised Code Section 3313.603. This section of Ohio law requires a three-unit course with inquiry-based laboratory experience that engages students in asking valid scientific questions and gathering and analyzing information. This course introduces students to key concepts and theories that provide a foundation for further study in other sciences as well as advanced science disciplines. Chemistry comprises a systematic study of the predictive physical interactions of matter and subsequent events that occur in the natural world. The study of matter through the exploration of classification, its structure and its interactions is how this course is organized. Investigations are used to understand and explain the behavior of matter in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills, and real-world applications. An understanding of leading theories and how they have informed current knowledge prepares students with higher order cognitive capabilities of evaluation, prediction, and application. Due to the level of algebra used in this course, all students should have passed Algebra I previously with a “C” or better. A scientific calculator is needed for this course, and a lab fee will be charged. The course is open to all students in grades 11 and 12.

INORGANIC CHEMISTRY II (0125B) 1.00 All Year
Offered to Grade 12. This college prep course is a continuation of Inorganic Chemistry I. Students must pass Inorganic Chemistry I with a "C" or better in order to take this course. This course includes laboratories related to the topics under discussion and requires a lab fee.

PHYSICS (0126) 1.00 All Year
Physics is a high school level course, which satisfies the Ohio Core science graduation requirements of Ohio Revised Code Section 3313.603. This section of Ohio law requires a three-unit course with inquiry-based laboratory experience that engages students in asking valid scientific questions and gathering and analyzing information. Physics elaborates on the study of the key concepts of motion, forces and energy as they relate to increasingly complex systems and applications that will provide a foundation for further study in science and scientific literacy. Students engage in investigations to understand and explain motion, forces and energy in a variety of inquiry, and design scenarios that incorporate scientific reasoning, analysis, communication skills, and real-world applications. A prerequisite for this course is Algebra II. This course is a lab and will require a fee and the purchase of a graphing calculator. The course is only open to grade 12 students.

EARTH AND SPACE SCIENCE (0128) .50 (1 Semester)
Students demonstrate an understanding about how the earth systems and processes interact in the geosphere resulting in the habitability of Earth. This includes demonstrating an understanding of the composition of the universe, the solar system, and Earth. In addition, it includes understanding the properties and the interconnected nature of Earth’s systems, processes that shape Earth, and Earth’s history. Students also demonstrate an understanding of how the concepts and principles of energy, matter, motion, and forces explain Earth systems, the solar system, and the universe. Finally, students will grasp an understanding of the historical perspectives, scientific approaches and emerging scientific issues associated with Earth and space sciences.
PHYSICAL GEOLOGY (0129) .50 (1 Semester)
Physical geology is a high school level course, which satisfies the Ohio Core science graduation requirements of Ohio Revised Code Section 3313.603. This section of Ohio law requires a three-unit course with inquiry-based laboratory experience that engages students in asking valid scientific questions and gathering and analyzing information. Physical geology incorporates chemistry, physics and environmental science and introduces students to key concepts, principles and theories within geology. Investigations are used to understand and explain the behavior of nature in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications.

AP BIOLOGY (0123AP) 1.00 All Year
Advanced Placement Biology is designed to be the equivalent of a first year, two-semester, introductory college biology course. This course aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. The course is memorization intensive. In addition, students should have strong reading and writing skills. AP Biology is designed to increase students’ analytical skills as well as their ability to perform on timed tests as the only external AP assessment is the timed test in May. AP Biology allows students to earn college credit if students earn high enough scores on the year-end AP Biology Test produced by the College Board. Policies and score cut-offs vary by college. Students should check the website of the college or universities they are considering to determine the AP Biology Test scores required for college credits. AP courses carry weighted grades at SEHS, and all students are required to complete the year-end AP Biology Test. SEHS will cover the cost of AP testing for students enrolled in SEHS AP courses. The prerequisite for this course is earning “A’s” in both Biology and Chemistry (or just Biology if Chemistry is being taken concurrently with this AP course). Students with a gifted identification in science may also be considered along with those who are categorized as superior cognitive.

BIOL1010, ENVIRONMENT OF LIFE 1.00 All Year & 3 BGSU hours
This Bowling Green State University college course studies basic ecology and current environmental problems of air, water, and land pollution, human reproduction, and population dynamics. Students who sign up for this course must meet all BGSU CCP requirements. Students who wish to take this course for high school credit only must sign a letter (as well as the parent) stating that they will not receive college credit for the course but understand that the rigor and pace of the course will be more challenging.

SOCIAL STUDIES

UNITED STATES HISTORY (0134) 1.00 All Year
This course examines the history of the United States of America from 1877 to the present. The federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The episodes of its past have shaped the nature of the country today and prepared it to attend to the challenges of tomorrow. Understanding how these events came to pass and their meaning for today’s citizens is the purpose of this course. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. This course is typically taken by students in grade 9.
MODERN WORLD HISTORY (0131) 1.00 All Year
This course examines world events from 1600 to the present. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires, the ideas that led to independence movements, and the effects of global interdependence. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

CONTEMPORARY WORLD ISSUES (0132) 1.00 All Year
The dynamics of global interactions among nations and regions present issues that affect all humanity. These dynamics include competing beliefs and goals, methods of engagement, and conflict and cooperation. Contemporary issues have political, economic, social, historic, and geographic components. Approaches to addressing global and regional issues reflect historical influences and multiple perspectives. Students can impact global issues through service learning and senior projects. This course is typically taken by either juniors or seniors and fulfills the Honors Diploma requirements for an additional unit of a social science course.

GOVERNMENT /AND FINANCIAL LITERACY (0135) 1.00 All Year
How the American people govern themselves at national, state, and local levels of governments is the basis for this course. Emphasis is placed on students developing an understanding of our political system and its institutions. Another goal of the course is to insure that students realize their right and duties in a democracy and how to exercise rights and perform duties. There is discussion of national and world current events. Areas that are studied include rights and responsibilities of citizens, protecting individual rights, public opinion, pressure groups, politics, and political parties, congress, and the presidency, the courts, and making foreign policy and defense policy. Oral and written reports are required. This course will also explore the fundamentals that guide individuals and nations as they make choices on how to use limited resources to satisfy their wants. More specifically, it examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for their own financial security. This course is a requirement for graduation.

MISCELLANEOUS

ACT PREP (ACT PREP) .50 (1 Semester)
ACT Prep is a required semester course designed to help students prepare for and increase their ACT score. Students will be examining sample test questions in Math, Science, Reading, and English, as well as practicing with ACT writing prompts. In-depth analysis of test-taking strategies will be reviewed along with the major concepts in each tested area. Activities will be individual, small group, and whole-class. Since grades in this course are pass/fail, complete participation is mandatory. Sophomores who are enrolled in Honors Algebra II and/or Honors English 10 will take ACT Prep during the second semester of their sophomore year. All other students who are on track to earn 18 points on End of Course exams will take ACT Prep during first semester of junior year. Sentinel juniors will be enrolled in an online ACT Prep course. Juniors who are not on track to earn 18 points on End of Course exams may be enrolled in Test Prep during the first semester instead with an opportunity to take the ACT Prep class during a different semester. An opt-out form is available in the school counselor’s office.
TEST PREP .50 (1 Semester)
Test Prep is for students who are not on track to earn 18 points on End of Course Exams. This online course will be offered during the first semester to juniors. Seniors who are not on track may also sign up for this class. This is a pass/fail course.

PROJECT READ (0151) .50 (1 Semester)
Project READ is a semester long class in which high school mentors provide one on one reading support to elementary students. High school mentors meet with students four days per week. Students meet with teacher for instruction in the area of reading intervention one day per week. Project READ not only provides individual reading instruction but also fosters relationships between elementary students and their high school mentors. Having a positive attitude is a requirement for this class. This course is for any student who would like to make a difference in the life of an elementary student!

STUDY SKILLS AND CAREER EXPLORATION (0090) .50 (1 Semester)
Students in Study Skills will be exposed to various methods for improving academic performance and for exploring career objectives. Topics covered in class include the communication process, note taking, research strategies, how to study, test taking, reading comprehension, learning principles, personalities and learning, and career exploration through the Ohio Means Jobs. A workbook is required for the class with most of the work and activities being done in class.

TECH ASSISTANT (0152) .50 (1 Semester)
The Student Tech Assistant Program allows accepted students the opportunity to obtain hands-on real world experience in the day to day activities of a Technology Support Specialist. Students in the program will perform tasks as assigned by the Technology Staff that have tangible results in resolving issues within the district. Some examples include but are not limited to: changing printer toner cartridges, cleaning computers, diagnosing and replacing faulty components, loading software, and installing updates. Some time may be given to watch educational video courses related to technology as directed by the Technology Staff. This program will require notice of interest from students who will then fill out a short application. The application will also require the submission of a written recommendation letter from a current instructional staff member at Seneca East and a review of discipline/academic progress will be conducted. Students will then be interviewed by the Technology Department and a short skills assessment may be required. Students will then be notified in writing if they are accepted into the program. Students will be re-evaluated at the conclusion of first semester to approve their participation/completion of the program in second semester. If a student is removed from the assignment, he/she will not receive credit for the semester and will need to schedule an academic class for the second semester.
Requirements: 3.0 GPA, ability to lift at least 20 pounds, and ability to work as a team and independently as directed.

YEARBOOK (0150) 1.00 All Year
Yearbook is an elective course that gives students marketable experience in print media publishing. This course solely works toward the completion and selling of a large finished product, Seneca East’s High School’s yearbook. Yearbook class is different from every course taught at this school in that it is a real business, maintaining an account that must balance-out at the end of term. In class, students compose, construct, and edit all elements of computerized text layout, graphic art,
and digital photography. Students work on many clerical operations, make announcements, maintain signs, and conduct student polls. Yearbook covers many of the Content Standards and Objectives encountered in English courses, as well as Objectives of art, business, and computer technology courses. Because Yearbook is a monetary business, students must cooperatively work with others, must be industrious, and must be eager to be creative. Out of class and after school, students will take digital photos, sell and design advertising, and disseminate yearbook order forms. Students are responsible for the proper care and handling of digital cameras.

**FLEXIBLE CREDIT**
Credit Flexibility applies to any alternative coursework, assessment and/or performance that demonstrates proficiency qualified to be awarded equivalent graduation credit as applied for and approved in advance by the school district. Approved credit awarded through this policy will be posted on the student’s transcript and counted toward student grade point average (GPA), class rank, and as graduation credit in the related subject area or as an elective. The school district will include details of the Credit Flexibility policy and program on the district website and in the Student/Parent Handbooks at the junior high and high schools. Any student may apply for credit to be awarded through Independent Study or Credit Flexibility. The student will submit an application on the Independent Study and Credit Flexibility application form. All required information must be provided. The student may be required to provide supporting documentation as determined by the Principal or designee of the Principal. Application may be made at any time.

**PEAK Online Curriculum**
Credits can be earned by utilizing the PEAK online curriculum. PEAK courses are designed to provide alternatives to students while they remain fully enrolled at Seneca East. PEAK courses can be discussed with the principal or school counselor by request. Students may utilize PEAK in the following conditions:

1. If the student is working towards and meeting all other criteria for earning an honors diploma or is planning on attending and completing a Sentinel program and cannot fit a required course into the schedule.
2. If a student is failing a year-long class at the end of the first semester or failing a semester long course at the end of the first 9 weeks, the option to withdraw from the seated class and enroll in PEAK for the second semester is available.
3. If the student has already completed all other seated courses available during a particular period, a PEAK course may be taken.
4. If a student wants to pursue an elective course that is not offered at Seneca East.
5. The substitution of a core or elective class that is already taught at Seneca East (and is not being taken for credit recovery) is only permitted during the summer months.
6. The courses are online and open to any student who meets the requirements. Course fees are charged for credit recovery, substitution of courses that are already taught at Seneca East, and for electives not offered at Seneca East. Fees are not charged if there is a scheduling conflict.
NCAA Eligibility Center, Division I and II Athletics

Student athletes who plan to participate in Division I or Division II athletics must know academic eligibility requirements. The following Seneca East courses have been approved by the NCAA Eligibility Center:


**Math** – Algebra I, Algebra I Honors, Geometry, Geometry Honors, Algebra II, Probability & Stats, Trigonometry/Pre-Calculus, AP Calculus


**Natural/Physical Science** – Physical Science, Biology, AP Biology, Inorganic Chemistry I & II, Physics, Anatomy/Physiology, Environmental Science, Earth & Space Science, Geology, Chemistry

Additional information can be found at https://web3.ncaa.org/ecwr3/

NCAA Division III Athletics

Division III college and universities develop student-athlete potential through a holistic educational approach that includes rigorous academics, competitive athletics, and opportunity to pursue many interests and passions. Student-athletes are responsible for their own paths and are provided with many opportunities to develop within a comprehensive educational experience. Division III minimizes the conflicts between athletics and academics through shorter playing and practicing seasons, a lower number of contests, no redshirting or out-of-season organized activities, and a focus on regional in-season and conference play. Division III college-bound student-athletes are not certified by the NCAA Eligibility Center because Division III colleges and universities each set their own admissions standards and there are no initial-eligibility requirements in the division. College-bound student-athletes should contact their Division III college or university regarding policies on admission, financial aid and athletics eligibility.

NAIA (National Association of Intercollegiate Athletics)

Student athletes interested in participating in NAIA athletics can find information at http://www.naia.org/
DIVISION I ACADEMIC REQUIREMENTS

College-bound student-athletes will need to meet the following academic requirements to practice, receive athletic scholarships, and/or compete during their first year.

Core-Course Requirement
Complete 16 core courses in the following areas:

<table>
<thead>
<tr>
<th>Course Area</th>
<th>Requirement</th>
<th>Timeframe</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLISH</td>
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<td>MATH (Algebra I or higher)</td>
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<td>SOCIAL SCIENCE</td>
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<tr>
<td>ADDITIONAL COURSES (Foreign Language or Comparative/Regional Studies)</td>
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<td>4 years</td>
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</table>

Full Qualifier
- Complete 16 core courses.
- Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
- Seven of the 10 core courses must be in English, math or science.
- Earn a core-course GPA of at least 2.300.
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

Academic Redshirt
- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

Full Qualifier:
College-bound student-athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division I school.

Academic Redshirt:
College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

Nonqualifier:
College-bound student-athletes cannot practice, receive athletics scholarships or compete during their first year of enrollment at an NCAA Division I school.
### Test Scores

When a student registers for the SAT or ACT, he or she can use the NCAA Eligibility Center code of 9000 so his or her scores are sent directly to the NCAA Eligibility Center from the testing agency. Test scores on transcripts will NOT be used in his or her academic certification.

A combined SAT score is calculated by adding reading and math subscores. An ACT score is calculated by adding English, math, reading, and science subscores. A student may take the SAT or ACT an unlimited number of times before he or she enrolls full time in college. If a student takes either test more than once, the best subscore from different tests are used to meet initial eligibility requirements.

If a student took the SAT before March 2016 and then took the redesigned SAT at a later date, the NCAA Eligibility Center will only combine section scores from the old and redesigned SAT when determining his or her initial eligibility. The NCAA Eligibility Center will only combine section scores from the same version of the test. Thus, if the student took the redesign SAT before March 2016 and later took the SAT, the student’s scores will be used only to determine initial eligibility.

### Division I Full Qualifier Sliding Scale

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### Division I Full Qualifier Sliding Scale

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### Academic Redshirt

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<td>2.000</td>
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</tr>
</tbody>
</table>
2018 DIVISION II NEW ACADEMIC REQUIREMENTS

College-bound student-athletes first enrolling at an NCAA Division II school on or after August 1, 2018, need to meet new academic rules to practice, compete and receive athletics scholarships during their first year.

Core-Course Requirement
Complete 16 core courses in the following areas:

<table>
<thead>
<tr>
<th>ENGLISH</th>
<th>MATH (Algebra I or higher)</th>
<th>NATURAL/PHYSICAL SCIENCE (including one year of laboratory science, if offered)</th>
<th>SOCIAL SCIENCE</th>
<th>ADDITIONAL (language, math or natural/physical science)</th>
<th>ADDITIONAL (English, math, natural science, foreign language, history or philosophy)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 years</td>
<td>2 years</td>
<td>2 years</td>
<td>2 years</td>
<td>3 years</td>
<td>4 years</td>
</tr>
</tbody>
</table>

Full Qualifier
- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn the ACT/SAT score matching your core-course GPA on the Division II full qualifier sliding scale (see back page).
- Graduate high school.

Partial Qualifier
- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn the ACT/SAT score matching your core-course GPA on the Division II partial qualifier sliding scale (see back page).
- Graduate high school.

Full Qualifier:
College-bound student-athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division II school.

Partial Qualifier:
College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

Nonqualifier:
College-bound student-athletes may not practice, compete or receive athletics scholarships during their first year of enrollment at an NCAA Division II school.
Test Scores

If a student took the SAT before March 2016 and then took the redesigned SAT at a later date, the NCAA Eligibility Center will not combine section scores from the old and redesigned SAT when determining his or her final eligibility. The NCAA Eligibility Center will only combine section scores from this version of the test. Because the redesigned SAT varies in design and measures different academic concepts than the old SAT, a numerical score on the old test may not be equivalent to the same numerical score on the redesigned test.

<table>
<thead>
<tr>
<th>FULL QUALIFIER SLIDING SCALE</th>
<th>PARTIAL QUALIFIER SLIDING SCALE</th>
</tr>
</thead>
<tbody>
<tr>
<td>USE FOR DIVISION II BEGINNING AUGUST 2016</td>
<td>USE FOR DIVISION II BEGINNING AUGUST 2019</td>
</tr>
<tr>
<td>USE FOR DIVISION II BEGINNING AUGUST 2016</td>
<td>USE FOR DIVISION II BEGINNING AUGUST 2019</td>
</tr>
<tr>
<td><strong>CORE GPA</strong></td>
<td><strong>SAT</strong></td>
</tr>
<tr>
<td>3.300 &amp; above</td>
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<tr>
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<td>3.225</td>
<td>570</td>
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<tr>
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</table>

**NOTE:** NCAA is a trademark of the National Collegiate Athletic Association.