St. Cloud Area
School District 742
Engage, Inspire, Educate, Prepare, Empower

Contents

General Planning Considerations 2
Special Programs 3
Athletes — NCAA Eligibility Requirements 6
Graduation Requirements/Credits Requirements 11
Four Year Plan 12
Ninth Grade Programming 13
Tenth Grade Electives 14
Eleventh Grade Electives 15
Twelfth Grade Electives 17

Course Descriptions and Standards
Art 19
Business and Computer Sciences 22
Work Experience 26

English Language Learners 27
Family and Consumer Sciences 31
Health Sciences 35
Language Arts (English) 39
Mathematics 46
Music 50
Physical Education 56
Science 59
Social Studies 62
Special Education 67
Technology Education 68
World Languages and Cultures 75
Special Programs 82
REGISTRATION
St. Cloud Area School District 742 considers the selection of courses one of the most important steps in a student’s long and short-range planning process. To support this, we put a great deal of time and effort into giving students accurate information to make wise decisions. We are hopeful that parents will be involved in the registration process.

In order for new students to register at a high school in their district, they must be accompanied by a parent or guardian. If you are a new student wanting to enroll, we require records from your previous school before you will be allowed to register. In addition, those students who are emancipated minors (under 21 and not living at home) must present a notarized letter from a parent or guardian naming a responsible custodian and a letter from the named custodian accepting responsibility for the student. All new students must register at our District 742 Welcome Center. Please call (320) 370-8116 for more information.

Weighted Grades
All courses are on a 4.0 scale with the exceptions of: Senior to Sophomore, Project Lead the Way, Discovery Academy, and Post-Secondary Option. These courses meet the Minnesota Transfer Curriculum standards and will be weighted on a 4.5 Scale. Advanced Placement (AP) Level courses remain on a 4.8 Scale. No class rank is given.

PLANNING FOR AFTER HIGH SCHOOL
It is important for students to consider their long-range goals when choosing classes in high school. Students are encouraged to consider how their current courses will affect their future goals of school, military, or work.

Four Year College or University
The following curriculum is required for students who wish to attend a Minnesota State University. The pattern of courses being required for admission to a Minnesota State University is generally consistent with the requirements of the University of Minnesota, the University of Wisconsin system, and North Dakota State University Systems as well as many other post-secondary institutions across the country. Students planning to attend a four-year private college or a college outside this geographic area should research each college’s specific requirements. The recommended college preparatory curriculum for grades 9-12 is as follows:

- 4 years of English
- 3 years of Math (Algebra I, Geometry & Algebra II) – U of M requires 4 years (Algebra 1.2 is not NCAA approved)
- 3 years of Science
- 3 years of Social Studies
- 3 years of Specified Electives (chosen from at least 2 of the following: World Language, World Cultures, and the Arts.)

Students should be aware that some of these requirements may be completed as a college freshman.

Technical College
There is no specified curriculum for entrance into technical schools in Minnesota. Students should have taken high school courses in the area they plan to enroll. Adequate support courses such as math, science, and computers should be taken. Students may also explore enrollment in the Post-Secondary Options program (see Special Programs). Tech Prep courses may be taken to provide a student with a head start on technical college credits.

Military
Students interested in attending a military academy or the Reserve Officer Training Corps (ROTC) should take a college preparatory curriculum with an emphasis in math and science. Enlistees in the military need to have a high school diploma.
SPECIAL PROGRAMS

Advanced Placement Program

• Grade 9, 10, 11, 12

The Advanced Placement Program (AP) is a cooperative agreement between high schools, colleges, and universities. It gives students exposure to college-level material and an opportunity to show what they have learned by taking an AP exam in May. If students pass the exam, colleges and universities are then able to grant credit, placement or both. Students are allowed the opportunity to study subjects they are interested in and to challenge themselves. AP classes prepare students by giving them tools that will serve them well throughout their college careers. To determine a college’s AP credit policy, please visit: www.collegboard.org/apcreditpolicy. We currently offer the following AP courses:

<table>
<thead>
<tr>
<th>AP American Government (2 exams)</th>
<th>AP Biology</th>
<th>AP Calculus AB</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP Calculus BC</td>
<td>AP Capstone</td>
<td>AP Chemistry</td>
</tr>
<tr>
<td>AP Computer Science</td>
<td>AP Computer Science Principles</td>
<td>AP Economics (2 exams)</td>
</tr>
<tr>
<td>AP English Language and Composition</td>
<td>AP English Literature and Composition</td>
<td>AP Human Geography</td>
</tr>
<tr>
<td>AP Music Theory</td>
<td>AP Physics (4 exams)</td>
<td>AP Psychology</td>
</tr>
<tr>
<td>AP Spanish Language</td>
<td>AP Spanish Literature</td>
<td>AP Statistics</td>
</tr>
<tr>
<td>AP Studio Art</td>
<td>AP US History</td>
<td>AP World History</td>
</tr>
</tbody>
</table>

The College Board moved test registration to the fall of the year. Students enrolled in an AP class will be asked to commit to taking the AP exam by October. Exam registration and payment will move to the fall to support deeper engagement in AP courses and higher achievement on AP Exams. More details on registration will follow in a letter mailed home in September.

Advanced Placement Capstone

• Grade 10, 11

• Length of Class: Year-long

• AP Seminar is a prerequisite to AP Research

Interested in researching and collaborating with other scholars? If so, join AP Capstone! The two classes in this program, AP Seminar and AP Research, are designed to help promote critical thinking, research and collaboration of topics of interest to students for success in college classes. This course is designed to complement and enhance the discipline specific study in other AP courses.

AVID (Advancement Via Individual Determination)

• AVID is an elective course option open to students in grades 9-12 through an application process.

AVID (Advancement Via Individual Determination)

• Grade 9, 10

• Prerequisite: Selection process

The AVID course is an elective class for students who are college-bound. The AVID curriculum focuses on writing, inquiry, collaboration and reading (WICR) through the AVID High School curriculum in both teacher and tutor-led activities. While concurrently enrolled in a college-prep course of study, students learn strategies to enhance success. Note-taking, outlining, writing, speaking, reading, test-taking strategies, and self-awareness are stressed. In addition, the course includes college motivational activities and intensive preparation for ACT and other college entrance exams.

AVID Junior/Senior Seminar

• Grade 11, 12

• One Year Prerequisite: AVID 10th, 11th, or selection process

The AVID Seminar for the junior and senior years prepares students for entrance into four-year colleges by emphasizing analytical writing, preparation for college entrance and placement exams, college study skills, oral language development, note taking, and research. Seminar students are expected to participate in, and eventually act as moderators for, Socratic Seminars. In addition, students are required to make oral presentations to the class on topics related to career searches, contemporary issues, and social concerns, all the while focusing on a culminating senior paper, portfolio, and/or project. It is recommended students complete at least one year of AVID elective in previous year.
**Elementary Teacher Assistant**
*Grade 12*

This program is designed as an opportunity for students to assist in an elementary classroom for a full year under the supervision of an elementary teacher. Students will gain experience and develop skills in working with children. This course is ideal for students who are interested in working with children as a career choice. Each student will be assigned to an elementary school for two hours a day, earning two credits for each trimester.

**Online Learning**

District 742 contracts with Infinity, an online program. This program can assist students with courses they want to enroll, but cannot fit into their schedule due to scheduling conflicts. This program is not meant to replace courses in the district, but serve as a supplemental tool. Students may see their counselor for further information.

**Post-Secondary Enrollment**
*Grade 10, 11, 12*

- Post-Secondary Enrollment Options (PSEO) is a program that allows 10th, 11th an 12th grade students the opportunity to earn college credit for courses completed while still in high school. Courses are offered on college campuses or at their local high school. Some colleges may also offer on-line courses. Students may see their high school counselor for more information and application procedures.

- State of Minnesota and District 742 pays for tuition and books for PSEO classes.

- High School seniors must have a GPA of 3.0 or higher or score at or above the 50th percentile on a nationally norm reference test such as the ACT or SAT.

- High School juniors must have a GPA of 3.5 or higher or score at or above the 70th percentile on a nationally standardized norm reference test such as the ACT or SAT.

- Please see the Minnesota State Colleges and Universities website at www.mnscu.edu/admissions/pseo.html for admissions standards.

- Sophomores may enroll in a career or technical education course at a MnSCU college or university if they have attained a passing score or met the 8th grade standard on the 8th grade Minnesota Comprehensive Assessment in reading and math. Colleges may have other prerequisites or course requirements that need to be met for admission. If a sophomore receives a “C” or higher in the course, they will be allowed to take additional career or technical courses. Please see www.mnscu.edu/pseo for a list of post colleges and universities that offer career and technical courses for sophomores.

- A student who first enrolls PSEO as a sophomore and wishes to enroll in general education courses as an 11th or 12th grade student must take the system Assessment for Course Placement and achieve the required score for admission.

- Colleges and universities may require sophomores to meet with a college counselor.

- Colleges and universities may admit students based on other documentation of ability.

- Private colleges and universities may admit students based on their own admission standards. Some examples of private colleges are St. Mary’s, Rasmussen, College of St. Scholastica, and Northwestern.

- Travel reimbursement is available for students whose families are at or below the poverty level. Please call the State of MN at (651) 582-8855 if you have additional questions.

- Please see www.mnscu.edu/pseo for more detailed information on admission, standards, participating colleges and universities, course, and travel reimbursement.
Senior to Sophomore Program

- Grade 11, 12

Senior to Sophomore is a partnership with St. Cloud State University allowing eligible students to enroll in introductory level college courses in our high schools. The courses are taught by ISD 742 teachers and the course content is developed cooperatively with St. Cloud State University faculty. Upon completion of these courses, the student will receive both high school and college credit. Students will be informed about eligible courses as they develop. Juniors must have a GPA of 3.5 or higher and seniors must have a GPA of 3.0 or higher to be eligible. Sophomores may be eligible for Spanish III & IV if their GPA is equivalent to the top 10% of their class.

Articulated College Credit

Articulated College Credit is a link that originated between local area schools and the St. Cloud Technical College. Students who earn a certificate from the specified high school course may also earn the corresponding college credit at participating technical colleges. Other institutions may also honor these credits at their discretion. There is no additional cost to enroll in a class that offers an Articulated College Credit option. For further information on the Articulated College Credit program visit the following website: http://CTECreditMN.com. Student data information is collected only for the purpose of issuing Articulated College Credit Certificates and to help measure program effectiveness.

Articulated college courses are as follows:

<table>
<thead>
<tr>
<th>Transportation: Automotive</th>
<th>General Business</th>
<th>PLTW: Principals of Engineering</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anatomy</td>
<td>Personal Finance</td>
<td>PLTS: Intro to Engineering Design</td>
</tr>
<tr>
<td>Digital Foundations</td>
<td>Business Law 1 &amp; 2</td>
<td>Metals: Intro</td>
</tr>
<tr>
<td>Digital Literacy</td>
<td>Health Care Core</td>
<td>Metals: Advanced</td>
</tr>
<tr>
<td></td>
<td>Medical Terminology</td>
<td>Project Design Woods</td>
</tr>
<tr>
<td></td>
<td>Certified Nursing Assistant</td>
<td></td>
</tr>
</tbody>
</table>

DROPPING CLASSES/GRADING PROCEDURES

Dropping Classes

Classes may be dropped up to 6 weeks into the trimester without penalty. (The counselor and teacher may address extenuating circumstances on an individual basis.) If you choose to drop a class after the deadline, you will receive an “F” as a trimester grade for the class. If students need to replace a class, students must drop within the first two days of the trimester.

Students taking PSEO or Senior to Sophomore must follow the college or university guidelines.
one opportunity. limitless Possibilities.

If you want to play sports at an NCAA Division I or II school, start by registering for a Certification Account with the NCAA Eligibility Center at eligibilitycenter.org. If you want to play Division III sports or you aren’t sure where you want to compete, start by creating a Profile Page at eligibilitycenter.org.

ACADEMIC REQUIREMENTS
To play sports at a Division I or II school, you must graduate from high school, complete 16 NCAA-approved core courses, earn a minimum GPA and earn an ACT or SAT score that matches your core-course GPA.

CORE COURSES
Visit eligibilitycenter.org/courselist for a full list of your high school’s approved core courses.
Complete 16 core courses in the following areas:

**Division I**
Complete 10 NCAA core courses, including seven in English, math or natural/physical science, before your seventh semester.

**Division II**

<table>
<thead>
<tr>
<th>Course</th>
<th>Division I</th>
<th>Division II</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4 years</td>
<td>3 years</td>
</tr>
<tr>
<td>Math (Algebra I or higher)</td>
<td>3 years</td>
<td>2 years</td>
</tr>
<tr>
<td>Natural/Physical Science (Including one year of lab, if offered)</td>
<td>2 years</td>
<td>2 years</td>
</tr>
<tr>
<td>Additional (English, math or natural/physical science)</td>
<td>1 year</td>
<td>2 years</td>
</tr>
<tr>
<td>Social Science</td>
<td>2 years</td>
<td>4 years</td>
</tr>
</tbody>
</table>

GRADE-POINT AVERAGE
The NCAA Eligibility Center calculates your grade-point average (GPA) based on the grades you earn in NCAA-approved core courses.
- DI requires a minimum 2.3 GPA.
- DII requires a minimum 2.2 GPA.

SLIDING SCALE
Divisions I and II use sliding scales to match test scores and GPAs to determine eligibility. The sliding scale balances your test score with your GPA. If you have a low test score, you need a higher GPA to be eligible. Find more information about sliding scales at ncaa.org/student-athletes/future/test-scores.

TEST SCORES
Take the ACT or SAT as many times as you want before you enroll full time in college, but remember to list the NCAA Eligibility Center (code 9999) as a score recipient whenever you register to take a test. If you take a test more than once, send us all your scores and we will use the best scores from each test section to create your sum score. We accept official scores only from the ACT or SAT, and won’t use scores shown on your high school transcript.
High School Timeline

Grade 9

Plan
• Start planning now! Take the right courses and earn the best grades you can.
• Ask your counselor for a list of your high school’s NCAA core courses to make sure you take the right classes. Or, find your high school’s list of NCAA core courses at eligibilitycenter.org/courselist.

Grade 11

Study
• Check with your counselor to make sure you are on track to graduate on time.
• Take the ACT or SAT, and make sure we get your scores by using code 9999.
• At the end of the year, ask your counselor to upload your official transcript.

Grade 10

Register
• Register for a Certification Account or Profile Page with the NCAA Eligibility Center at eligibilitycenter.org.
• If you fall behind on courses, don’t take shortcuts to catch up. Ask your counselor for help with finding approved courses or programs you can take.

Grade 12

Graduate
• Take the ACT or SAT again, if necessary, and make sure we get your scores by using code 9999.
• Request your final amateurism certification after April 1.
• After you graduate, ask your counselor to upload your final official transcript with proof of graduation.

Core Courses
This simple formula will help you meet Divisions I and II core-course requirements.

4 x 4 = 16
+ 4 English courses (one per year)
+ 4 math courses (one per year)
+ 4 science courses (one per year)
+ 4 social science courses (one per year)
= 16 NCAA CORE COURSES

For more information:
ncaa.org/playcollegesports eligibilitycenter.org

Search Frequently Asked Questions
ncaa.org/studentfaq

Follow us:
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@playcollegesports

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July 2018
Division II 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:

- **ENGLISH**
  - 4 years
- **MATH** (Algebra I or higher)
  - 3 years
- **NATURAL/PHYSICAL SCIENCE** (One year of lab, if offered)
  - 2 years
- **ADDITIONAL ENGLISH, MATH OR NATURAL/PHYSICAL SCIENCE**
  - 1 year
- **SOCIAL SCIENCE**
  - 2 years
- **ADDITIONAL COURSES** (Any area listed to the left, foreign language or comparative science, religion/philosophy)
  - 4 years

---

**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.

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**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 9999 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 sum 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 not combine section scores from the former 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. Because the redesigned SAT varies in design and measures different academic concepts than the former SAT, the Eligibility Center will apply the College Board's concordance tables when performing academic certifications for students with redesigned SAT scores.

*To compare SAT scores, click here for a comparison table, or click here to visit the College Board’s website.

<table>
<thead>
<tr>
<th>CORE GPA</th>
<th>SAT**</th>
<th>ACT SUM</th>
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<tbody>
<tr>
<td>3.550</td>
<td>400</td>
<td>37</td>
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<tr>
<td>3.525</td>
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<td>3.500</td>
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<td>2.800</td>
<td>700</td>
<td>57</td>
</tr>
<tr>
<td>2.775</td>
<td>710</td>
<td>58</td>
</tr>
</tbody>
</table>
District 742 Approved NCAA Courses
If not approved at one high school, it will marked by the course.

**English**

AP Language & Composition  
AP Literature & Composition  
Creative Writing  
Debate  
Humanities  
Journalism  
Language Arts 9  
Language Arts 10  
Language Arts 11  
Modern American Literature  
Popular Fiction  
Science Fiction  
Speech  
Themes in American Literature  
Written Communications

**Social Studies**

American Government  
AP American Government:  
  American and Comparative  
AP Economics  
AP Geography  
AP Psychology  
AP US History  
AP World History  
Economics (*Not approved at Apollo*)  
Ethnic Studies  
Geography  
Practical Law  
Psychology  
Sociology  
US History (*Not approved at Apollo*)  
World History

**Mathematics**

Advanced Algebra II  
Advanced Geometry  
Algebra II  
AP Statistics Calculus  
Calculus AB/AP  
Calculus BC/AP  
College Prep Math  
Geometry  
Pre-Calculus  
Statistics

**Additional Core Courses**

American Sign Language I, II, III & IV  
Chinese I, II  
French I, II, III & IV  
German I, II, III & IV  
Spanish I, II, III, IV & AP Spanish

**Science**

Advanced Science 9 (lab)  
Biology (lab) (*Not approved at Apollo*)  
Biology AP (lab)  
Chemistry (lab)  
Chemistry AP (lab)  
Environmental Science (lab)  
Human Biology (lab)  
Physics (lab)  
Physics (lab)  
AP Practical Chemistry (lab)  
Practical Physics (lab) (*Not approved at Apollo*)  
Science 9 (lab)
District 742 Graduation Requirements

MINIMUM CREDIT REQUIREMENTS

<table>
<thead>
<tr>
<th>TRIMESTERS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>12.0</td>
</tr>
<tr>
<td>Social Studies</td>
<td>11.0</td>
</tr>
<tr>
<td>Mathematics</td>
<td>9.0</td>
</tr>
<tr>
<td>Science</td>
<td>9.0</td>
</tr>
<tr>
<td>Fitness for Life/Health</td>
<td>3.0</td>
</tr>
<tr>
<td>Arts</td>
<td>3.0</td>
</tr>
<tr>
<td>Electives</td>
<td>16.0</td>
</tr>
</tbody>
</table>

MINIMUM TOTAL CREDITS 63.0

CREDIT REQUIREMENTS BY GRADE

NINTH GRADE
3 Trimesters Language Arts 9
2 Trimesters Geography or 3 Trimesters AP Geo
3 Trimesters Mathematics
3 Trimesters Science 9
3 Trimester EPIC
3 Trimesters Electives

ELEVENTH GRADE
3 Trimesters Language Arts
1 (Themes in Literature, 2 Electives)
3 Trimesters U.S. History
3 Trimesters Mathematics
3 Trimesters Science (Chemistry or Physics)
Up to 6 Trimester Electives

TENTH GRADE
3 Trimesters Language Arts 10
3 Trimesters World History
3 Trimesters Mathematics
3 Trimesters Biology
6 Trimester Electives

TWELFTH GRADE
3 Trimesters Language Arts
(1 Writing, 1 Literature, & 1 Communication)
1 Trimester Economics 600
1 Trimester American Government
1 Trimester Social Studies Elective
Up to 12 Trimester Electives

» 1 credit is given for each trimester class that meets daily.
» ELECTIVE CREDITS REQUIRED FOR GRADUATION INCLUDE:
  » 1 trimester of Fitness for Life
  » 1 trimester of a Physical Education elective
  » 1 trimester of Health
  » 3 trimesters in the arts
  » Must complete the math pathway through Algebra 2

Classes that meet the art standard are: all art classes, all music classes, intro to photo, advanced photo, intro to video, advanced engineering, digital literacy, web page/game design, yearbook, culinary arts 2, fashion and apparel design, interior design and housing.

CAREER AND COLLEGE PLANNING

Students will create a Personal Learning Plan (PLP) through the Minnesota Career Information System (MCIS).
Graduation Requirements » District 742 Four-Year Plan

My present career plans after high school graduation is: _______________________________________

Recommended subjects for each year are already typed in. Please use this form to help organize your four-year. Carefully read this booklet when selecting courses and be sure to discuss selections with your counselor, parents, and teachers. Three trimesters in the Arts (Visual Arts, Music, Theater, Drama, or Media Arts) two trimesters of Physical Education (Fitness for Life and one elective) and one trimester of health must be completed sometime during your high school career to graduate. Math pathway must be taken through Algebra 2. Credits 9-12 must total 63. Courses must be taken for a letter grade.

### 9th Grade

<table>
<thead>
<tr>
<th>Trimester 1</th>
<th>Cr</th>
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Alternate Course 1. ____________________________________  2. ____________________________________

### 10th Grade

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Alternate Course 1. ____________________________________  2. ____________________________________

### 11th Grade

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Alternate Course 1. ____________________________________  2. ____________________________________

### 12th Grade

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<td>LA 12 Communications</td>
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<td>Economics</td>
<td>Government</td>
<td>Social Studies Elective</td>
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</table>

Alternate Course 1. ____________________________________  2. ____________________________________
**Ninth Grade Programming & Electives**

*Ninth grade programming will consist of Language Arts 9, Geography, Math, Science 9, EPIC and three electives.*

**EXPLORING POTENTIAL INTERESTS AND CAREERS-EPIC**
- **Grade 9**
- **Length of Course: 3 Trimesters**

  Students will experience all 6 Career Fields that are identified by the Minnesota Department of Education. By playing the roles of professionals within each of these career fields, students will be exposed to numerous career opportunities. They will also create their learning plan as a required project for graduation.

  Students will be scheduled into the EPIC course as one of their electives.

**Ninth Grade Electives**

<table>
<thead>
<tr>
<th>ART</th>
<th>BUSINESS AND COMPUTER SCIENCES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art Fundamentals A (1 cr.)</td>
<td>General Business (1 cr.)</td>
</tr>
<tr>
<td>Art Fundamentals B (1 cr.)</td>
<td>Personal Finance (1 cr.)</td>
</tr>
<tr>
<td>2D Art I (1 cr.)</td>
<td>Accounting (1 cr.)</td>
</tr>
<tr>
<td>3D Art I (1 cr.)</td>
<td>Web Page/Game Design (1 cr.)</td>
</tr>
<tr>
<td></td>
<td>Coding 1 (1 cr.)</td>
</tr>
<tr>
<td></td>
<td>Coding 2 (1 cr.)</td>
</tr>
<tr>
<td></td>
<td>Coding 3 (1 cr.)</td>
</tr>
<tr>
<td></td>
<td>Digital Foundations (1 cr.)</td>
</tr>
<tr>
<td></td>
<td>Digital Literacy (1 cr.)</td>
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</table>

<table>
<thead>
<tr>
<th>FAMILY AND CONSUMER SCIENCES</th>
<th>HEALTH SCIENCES</th>
</tr>
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<tbody>
<tr>
<td>Food Preparation Fundamentals (1 cr.)</td>
<td>Project Lead the Way: Principles of Biomedical Sciences (1 cr.)</td>
</tr>
<tr>
<td>Child and Human Development (1 cr.)</td>
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<tr>
<td>Fashion and Apparel Design (1 cr.)</td>
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</table>

<table>
<thead>
<tr>
<th>MUSIC At Apollo</th>
<th>TECHNOLOGY EDUCATION</th>
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<tbody>
<tr>
<td>Concert Band (3 cr.)</td>
<td>Intro to Mechanical Drafting (1 cr.)</td>
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<td>Intro to Band (3 cr.)</td>
<td>Woods: Introduction (1 cr.)</td>
</tr>
<tr>
<td>Treble Choir (3 cr.)</td>
<td>Introduction to Photography (1 cr.)</td>
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<tr>
<td>Tenor/Bass Choir (3 cr.)</td>
<td>Introduction to Videography (1 cr.)</td>
</tr>
<tr>
<td>Sinfonia Orchestra (3 cr.)</td>
<td>Introduction to Robotics (1 cr.)</td>
</tr>
<tr>
<td>At Tech</td>
<td>Introduction to Metals (1 cr.)</td>
</tr>
<tr>
<td>Concert Band (3 cr.)</td>
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<tr>
<td>Varsity Band (3 cr.)</td>
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<tr>
<td>Wind Ensemble (3 cr.)</td>
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</tr>
<tr>
<td>Treble Choir (3 cr.)</td>
<td></td>
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<tr>
<td>Tenor/Bass Choir (3 cr.)</td>
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<tr>
<td>Concert Choir (3 cr.)</td>
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<td>Mixed Choir (3 cr.)</td>
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<table>
<thead>
<tr>
<th>MUSIC At Tech</th>
<th>WORLD LANGUAGES AND CULTURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concert Band (3 cr.)</td>
<td>American Sign Language I (3 cr.)</td>
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<tr>
<td>Varsity Band (3 cr.)</td>
<td>French I (3 cr.)</td>
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<tr>
<td>Wind Ensemble (3 cr.)</td>
<td>German I (3 cr.)</td>
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<tr>
<td>Treble Choir (3 cr.)</td>
<td>Mandarin Chinese I (3 cr.)</td>
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<tr>
<td>Tenor/Bass Choir (3 cr.)</td>
<td>Spanish I (3 cr.)</td>
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<tr>
<td>Concert Choir (3 cr.)</td>
<td>Spanish for Native Speakers (3 cr.)</td>
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<td>Mixed Choir (3 cr.)</td>
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<table>
<thead>
<tr>
<th>ART</th>
<th>BUSINESS AND COMPUTER SCIENCES</th>
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<tbody>
<tr>
<td>Concert Orchestra (3 cr.)</td>
<td>General Business (1 cr.)</td>
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<tr>
<td>Symphony Orchestra (3 cr.)</td>
<td>Personal Finance (1 cr.)</td>
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<tr>
<td>Music At Both Apollo &amp; Tech</td>
<td>Accounting (1 cr.)</td>
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<tr>
<td>Guitar I (1 cr.)</td>
<td>Web Page/Game Design (1 cr.)</td>
</tr>
<tr>
<td>History of Rock and Roll (1 cr.)</td>
<td>Coding 1 (1 cr.)</td>
</tr>
<tr>
<td>Introduction to Drumming (1 cr.)</td>
<td>Coding 2 (1 cr.)</td>
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<tr>
<td>Introduction to World Music (1 cr.)</td>
<td>Coding 3 (1 cr.)</td>
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<tr>
<td>Music Exploration (1 cr.)</td>
<td>Digital Foundations (1 cr.)</td>
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<tr>
<td>Songwriting (1 cr.)</td>
<td>Digital Literacy (1 cr.)</td>
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<tr>
<th>PHYSICAL EDUCATION</th>
<th>SOCIAL STUDIES</th>
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<td>Personal Fitness (1 cr.)</td>
<td>AP Human Geography</td>
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<td>Competitive Team Sports (1 cr.)</td>
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<tr>
<td>Net Games (1 cr.)</td>
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<tr>
<td>Recreational Lifetime Sports (1 cr.)</td>
<td>Strength Training and Conditioning (1 cr.)</td>
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<td>Health II (1 cr.)</td>
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<tr>
<th>SPECIAL PROGRAMS</th>
<th>WORLD LANGUAGES AND CULTURES</th>
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<tbody>
<tr>
<td>AVID (Application process)</td>
<td>American Sign Language I (3 cr.)</td>
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<td>French I (3 cr.)</td>
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<td>German I (3 cr.)</td>
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<td>Mandarin Chinese I (3 cr.)</td>
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<td>Spanish I (3 cr.)</td>
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<td>Spanish for Native Speakers (3 cr.)</td>
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# Tenth Grade Electives

## ART
- Art Fundamentals A (1 cr.)
- Art Fundamentals B (1 cr.)
- 2D Art I (1 cr.)
- 2D Art II (1 cr.)
- 2D Art III (1 cr.)
- Studio Art 2D (3 cr.)
- 3D Art I (1 cr.)
- 3D Art II (1 cr.)
- 3D Art III (1 cr.)
- Studio Art 3D (3 cr.)

## BUSINESS AND COMPUTER SCIENCES
- General Business (1 cr.)
- Personal Finance (1 cr.)
- Accounting (1 cr.)
- Entrepreneurship (1 cr.)
- Sales and Marketing (1 cr.)
- Business Law 1 (Criminal & Civil Law) (1 cr.)
- Business Law 2 (Contract Law) (1 cr.)
- Web Page/Game Design (1 cr.)
- Coding 1 (1 cr.)
- Coding 2 (1 cr.)
- Coding 3 (1 cr.)
- AP Computer Science (3 cr.)
- AP Computer Science Principles (3 cr.)
- Digital Foundations (1 cr.)
- Digital Literacy (1 cr.)

## FAMILY AND CONSUMER SCIENCES
- Food Preparation Fundamentals (1 cr.)
- Culinary Arts 1 (1 cr.)
- Culinary Arts 2 (1 cr.)
- Child and Human Development (1 cr.)
- Early Childhood Education (1 cr.)
- Fashion and Apparel Design (1 cr.)
- Fashion Merchandising (1 cr.)
- Interior Design and Housing (1 cr.)

## HEALTH SCIENCES
- Medical Terminology (1 cr.)
- Health Care Core (1 cr.)
- Project Lead the Way: Principles of Biomedical Sciences (PBS) (1 cr.)
- Project Lead the Way: Human Body Systems (HBS) (1 cr.)

## MUSIC
### At Apollo
- Concert Band (3 cr.)
- Symphonic Band (3 cr.)
- Intro to Band (3 cr.)
- Varsity Choir (3 cr.)
- Women’s Choir (3 cr.)
- Concert Choir (3 cr.)
- Chamber Orchestra (3 cr.)
- Sinfonia Orchestra (3 cr.)
- Symphony Orchestra (3 cr.)

### At Tech
- Concert Band (3 cr.)
- Wind Ensemble (3 cr.)
- Concert Choir (3 cr.)
- Mixed Choir (3 cr.)
- Advanced Treble Choir (3 cr.)
- Concert Orchestra (3 cr.)
- Symphony Orchestra (3 cr.)

## PHYSICAL EDUCATION
- Personal Fitness (1 cr.)
- Competitive Team Sports (1 cr.)
- Net Games (1 cr.)
- Recreational Lifetime Sports (1 cr.)
- Strength Training and Conditioning (1 cr.)
- Health I (1 cr.)
- Advanced Strength Training and Conditioning (1 cr.) (Instructor approval required)
- Lifeguard Training (1 cr.)

## SCIENCE
- AP Biology (3 cr.)
- Biology: MN Wildlife (3 cr.)
- Practical Biology (3 cr.)

## SOCIAL STUDIES
- AP World History

## SPECIAL PROGRAMS
- AP Capstone and AP Research (3 cr.)
- AVID (Application process)

## TECHNOLOGY EDUCATION
- Introduction to Mechanical Drafting (1 cr.)
- Woods: Introduction (1 cr.)
- Woods: Project Design (2 cr.)
- Woods: Construction I (2 cr.)
- Introduction to Photography (1 cr.)
- Advanced Photography (1 cr.)
- Yearbook (3 cr.)
- Introduction to Videography (1 cr.)
- Advanced Videography (1 cr.)
- Introduction to Robotics (1 cr.)
- Advanced Robotics (1 cr.)
- Introduction to Metals (1 cr.)
- Advanced Metals (1 cr.)
- Transportation: Auto (1 cr.)
- Transportation: Small Engines (1 cr.)
- Project Lead the Way: Engineering Design (3 cr.)
- Project Lead the Way: Principles of Engineering (3 cr.)

## WORLD LANGUAGES AND CULTURES
- American Sign Language I (3 cr.)
- American Sign Language II (3 cr.)
- French I (3 cr.)
- French II (3 cr.)
- German I (3 cr.)
- German II (3 cr.)
- Mandarin Chinese I (3 cr.)
- Mandarin Chinese II (3 cr.)
- Spanish I (3 cr.)
- Spanish II (3 cr.)
- Spanish for Native Speakers (3 cr.)
Eleventh Grade Electives

ART
Art Fundamentals A (1 cr.)
Art Fundamentals B (1 cr.)
2D Art I (1 cr.)
2D Art II (1 cr.)
2D Art III (1 cr.)
Studio Art 2D (3 cr.)
AP Art 2D
3D Art I (1 cr.)
3D Art II (1 cr.)
3D Art III (1 cr.)
Studio Art 3D (3 cr.)

BUSINESS AND COMPUTER SCIENCES
General Business (1 cr.)
Personal Finance (1 cr.)
Accounting (1 cr.)
Entrepreneurship (1 cr.)
Sales and Marketing (1 cr.)
Business Law 1 (Criminal & Civil Law) (1 cr.)
Business Law 2 (Contract Law) (1 cr.)
Web Page/Game Design (1 cr.)
Coding 1 (1 cr.)
Coding 2 (1 cr.)
Coding 3 (1 cr.)
AP Computer Science (3 cr.)
AP Computer Science Principles (3 cr.)
Digital Foundations (1 cr.)
Digital Literacy (1 cr.)

COOPERATIVE EDUCATION WORK PROGRAMS
Work Experience/Employment Skills (up to 9 cr.)

FAMILY AND CONSUMER SCIENCES
Food Preparation Fundamentals (1 cr.)
Culinary Arts 1 (1 cr.)
Culinary Arts 2 (1 cr.)
Child and Human Development (1 cr.)
Early Childhood Education (1 cr.)
Introduction to Teaching (1 cr.)
Fashion and Apparel Design (1 cr.)
Fashion Merchandising (1 cr.)
Interior Design and Housing (1 cr.)
Work Experience & Employment Skills (1 cr.)

HEALTH SCIENCES
Emergency Medical Responder (1 cr.)
Medical Terminology (1 cr.)
Health Care Core (1 cr.)
Certified Nursing Assistant (CNA) (1 cr.)
Health Careers Exploration Program and Health Internship (1 cr.)
Project Lead the Way: Principles of Biomedical Sciences (PBS) (1 cr.)
Project Lead the Way: Human Body Systems (HBS) (1 cr.)
Project Lead the Way: Medical Interventions (MI) (1 cr.)
Project Lead the Way: Biomedical Innovation (BI) (1 cr.)

LANGUAGE ARTS
AP Language and Composition (3 cr.)
Modern American Literature (1 cr.)
Multicultural World Literature (1 cr.)
Novels (1 cr.)
Short Story Literature (1 cr.)

MATHEMATICS
College Prep Math (3 cr.)
Pre-Calculus (3 cr.)
Calculus (3 cr.)
AP Calculus AB (3 cr.)
AP Calculus BC (3 cr.)
AP Statistics (3 cr.)

MUSIC
At Apollo
Concert Band (3 cr.)
Symphonic Band (3 cr.)
Intro to Band (3 cr.)
Varsity Choir (3 cr.)
Women’s Choir (3 cr.)
Concert Choir (3 cr.)
Chamber Orchestra (3 cr.)
Sinfonia Orchestra (3 cr.)
Symphony Orchestra (3 cr.)
At Tech
Concert Band (3 cr.)
Wind Ensemble (3 cr.)
Concert Choir (3 cr.)
Mixed Choir (3 cr.)
Advanced Treble Choir (3 cr.)
Symphony Orchestra (3 cr.)

Music At Both Apollo & Tech
Guitar I (1 cr.)
History of Rock and Roll (1 cr.)
Introduction to Drumming (1 cr.)
Introduction to World Music (1 cr.)
Music Exploration (1 cr.)
Songwriting (1 cr.)
AP Music Theory (1 cr.)

PHYSICAL EDUCATION
Personal Fitness (1 cr.)
Competitive Team Sports (1 cr.)
Net Games (1 cr.)
Recreational Lifetime Sports (1 cr.)
Strength Training and Conditioning (1 cr.)
Health II (1 cr.)
Advanced Strength Training and Conditioning (1 cr.)
Lifeguard Training (1 cr.)

CONTINUED ON NEXT PAGE >>
Eleventh Grade Electives Continued

**SCIENCE**
- Chemistry
- Practical Chemistry (3 cr.)
- AP Chemistry (4.5 cr.)
- Environmental Science (3 cr.)
- Physics (3 cr.)
- Practical Physics (3 cr.)
- AP Physics 1 and 2 (4.5 cr.)
- Human Anatomy and Physiology (3 cr.)

**SOCIAL STUDIES**
- Ethnic Studies (1 cr.)
- AP US History (3 cr.)
- Psychology (1 cr.)
- AP Psychology (3 cr.)
- Practical Law (1 cr.)
- Sociology (1 cr.)
- History through Film (1 cr.)

**SPECIAL PROGRAMS**
- AP Capstone and AP Research (3 cr.)
- AVID Junior/Senior Seminar (*Application process*)
- Elementary Teacher Assistant (6 cr.)
- Guidance Office Aide (1 cr.)
- Learning Resource Center Assistant (1 cr.)
- Peer Tutoring (1 cr.)
- Student Services Office Aide (1 cr.)
- Teacher’s Aide (1 cr.) (*Instructor approval required*)
- Work Experience & Employment Skills (up to 9 cr.)

**TECHNOLOGY EDUCATION**
- Introduction to Mechanical Drafting (1 cr.)
- Woods: Introduction (1 cr.)
- Woods: Project Design (2 cr.)
- Woods: Construction 1 (2 cr.)
- Woods: Building Trades (3 cr.)
- Introduction to Photography (1 cr.)
- Advanced Photography (1 cr.)
- Yearbook (1 cr.)
- Introduction to Videography (1 cr.)
- Advanced Videography (1 cr.)
- Introduction to Robotics (1 cr.)
- Advanced Robotics (1 cr.)
- Introduction to Metals (Welding) (1 cr.)
- Advanced Metals (1 cr.)
- Transportation: Auto (1 cr.)
- Transportation: Small Engines (1 cr.)
- AYES – Discovery Academy for Automotive Advanced (*Application required*)
  - Brakes – Discovery Academy (3 cr.)
  - Electrical/Electronic Systems – Discovery Academy (3 cr.)
  - Engine Performance – Discovery Academy (3 cr.)
  - Steering and Suspension – Discovery Academy (3 cr.)
- Project Lead the Way: Engineering Design (IED) (3 cr.)
- Project Lead the Way: Principles of Engineering (POE) (3 cr.)
- Project Lead the Way: Engineering Design & Development (EDD) (3 cr.)

**WORLD LANGUAGES AND CULTURES**
- American Sign Language I (3 cr.)
- American Sign Language II (3 cr.)
- American Sign Language III or IV (3 cr.)
- French I (3 cr.)
- French II (3 cr.)
- French III (3 cr.)
- French IV (3 cr.)
- German I (3 cr.)
- German II (3 cr.)
- German III or IV (3 cr.)
- Mandarin Chinese I (3 cr.)
- Mandarin Chinese II (3 cr.)
- Spanish I (3 cr.)
- Spanish II (3 cr.)
- Spanish III (3 cr.)
- Spanish IV/Pre AP (3 cr.)
- Spanish V/AP Spanish Language and Culture (3 cr.)
- Spanish VI/AP Spanish Literature and Culture (3 cr.)
- Spanish for Native Speakers (3 cr.)
Twelfth Grade Electives

ART
Art Fundamentals A (1 cr.)
Art Fundamentals B (1 cr.)
2D Art I (1 cr.)
2D Art II (1 cr.)
2D Art III (1 cr.)
Studio Art 2D (3 cr.)
AP Art 2D (3 cr.)
3D Art I (1 cr.)
3D Art II (1 cr.)
3D Art III (1 cr.)
Studio Art 3D (3 cr.)
AP Art 3D (3 cr.)

BUSINESS AND COMPUTER SCIENCES
General Business (1 cr.)
Personal Finance (1 cr.)
Accounting (1 cr.)
Entrepreneurship (1 cr.)
Sales and Marketing (1 cr.)
Business Law 1 (Criminal & Civil Law) (1 cr.)
Web Page/Game Design (1 cr.)
Coding 1 (1 cr.)
Coding 2 (1 cr.)
Coding 3 (1 cr.)
AP Computer Science (3 cr.)
AP Computer Science Principles (3 cr.)
Digital Foundations (1 cr.)
Digital Literacy (1 cr.)

COOPERATIVE EDUCATION WORK PROGRAMS
Work Experience/Employment Skills (up to 9 cr.)

FAMILY AND CONSUMER SCIENCES
Food Preparation Fundamentals (1 cr.)
Culinary Arts 1 (1 cr.)
Culinary Arts 2 (1 cr.)
Child and Human Development (1 cr.)
Introduction to Teaching (1 cr.)
Fashion and Apparel Design (1 cr.)
Fashion Merchandising (1 cr.)
Interior Design and Housing (1 cr.)

HEALTH SCIENCES
Emergency Medical Responder (1 cr.)
Medical Terminology (1 cr.)
Health Care Core Curriculum (1 cr.)
Certified Nursing Assistant (CNA) (1 cr.)
Health Careers Exploration Program and Health Internship (1 cr.)
Project Lead the Way: Principles of Biomedical Sciences (PBS) (1 cr.)
Project Lead the Way: Human Body Systems (HBS) (1 cr.)
Project Lead the Way: Medical Interventions (MI) (1 cr.)
Project Lead the Way: Biomedical Innovation (BI) (1 cr.)

LANGUAGE ARTS
AP Literature and Composition (3 cr.)
Modern American Literature (1 cr.)
Multicultural World Literature (1 cr.)
Novels (1 cr.)

MATHEMATICS
College Prep Math (3 cr.)
Pre-Calculus (3 cr.)
Calculus (3 cr.)
AP Calculus AB (3 cr.)
AP Calculus BC (3 cr.)
AP Statistics (3 cr.)

MUSIC
At Apollo
Concert Band (3 cr.)
Symphonic Band (3 cr.)
Intro to Band (3 cr.)
Concert Choir (3 cr.)
Chamber Orchestra (3 cr.)
Sinfonia Orchestra (3 cr.)
Symphony Orchestra (3 cr.)

At Tech
Concert Band (3 cr.)
Wind Ensemble (3 cr.)
Concert Choir (3 cr.)
Mixed Choir (3 cr.)
Advanced Treble Choir (3 cr.)
Symphony Orchestra (3 cr.)

Music At Both Apollo & Tech
Guitar I (1 cr.)
History of Rock and Roll (1 cr.)
Introduction to Drumming (1 cr.)
Introduction to World Music (1 cr.)
Music Exploration (1 cr.)
Songwriting (1 cr.)
AP Music Theory (1 cr.)

PHYSICAL EDUCATION
Personal Fitness (1 cr.)
Competitive Team Sports (1 cr.)
Net Games (1 cr.)
Recreational Lifetime Sports (1 cr.)
Strength Training and Conditioning (1 cr.)
Health II (1 cr.)
Advanced Strength Training and Conditioning (1 cr.)
Lifeguard Training (1 cr.)

CONTINUED ON NEXT PAGE >>
Twelfth Grade Electives Continued

**SCIENCE**

Chemistry  
Practical Chemistry (3 cr.)  
AP Chemistry (4.5 cr.)  
Environmental Science (3 cr.)  
Physics (3 cr.)  
Practical Physics (3 cr.)  
AP Physics 1 and 2 (4.5 cr.)  
Human Anatomy and Physiology (3 cr.)

**SOCIAL STUDIES**

Ethnic Studies (1 cr.)  
Economics (1 cr.)  
AP Economics (3 cr.)  
Government (1 cr.)  
AP Government: American and Comparative (3 cr.)  
Psychology (1 cr.)  
AP Psychology (3 cr.)  
Practical Law (1 cr.)  
Sociology (1 cr.)  
History through Film (1 cr.)

**SPECIAL PROGRAMS**

AVID Junior/Senior Seminar (*Application process*)  
Elementary Teacher Assistant (6 cr.)  
Guidance Office Aide (1 cr.)  
Learning Resource Center Assistant (1 cr.)  
Peer Tutoring (1 cr.)  
Student Services Office Aide (1 cr.)  
Teacher’s Aide (1 cr.)  
Work Experience & Employment Skills (up to 9 cr.)

**TECHNOLOGY EDUCATION**

Introduction to Mechanical Drafting (1 cr.)  
Woods: Introduction (1 cr.)  
Woods: Project Design (2 cr.)  
Woods: Construction I (2 cr.)  
Woods: Building Trades (3 cr.)  
Introduction to Photography (1 cr.)  
Advanced Photography (1 cr.)  
Yearbook (1 cr.)  
Introduction to Videography (1 cr.)  
Advanced Videography (1 cr.)  
Introduction to Robotics (1 cr.)  
Advanced Robotics (1 cr.)  
Introduction to Metals (Welding) (1 cr.)  
Advanced Metals (1 cr.)  
Transportation: Auto (1 cr.)  
Transportation: Small Engines (1 cr.)  
AYES – Discovery Academy for Automotive Advanced (*Application required*)  
  Brakes – Discovery Academy (3 cr.)  
  Electrical/Electronic Systems – Discovery Academy (3 cr.)  
  Engine Performance – Discovery Academy (3 cr.)  
  Steering and Suspension – Discovery Academy (3 cr.)  
Project Lead the Way: Engineering Design (3 cr.)  
Project Lead the Way: Principles of Engineering (3 cr.)  
Project Lead the Way: Engineering Design and Development (3 cr.)

**WORLD LANGUAGES AND CULTURES**

American Sign Language I (3 cr.)  
American Sign Language II (3 cr.)  
American Sign Language III or IV (3 cr.)  
French I (3 cr.)  
French II (3 cr.)  
French III (3 cr.)  
French IV (3 cr.)  
German I (3 cr.)  
German II (3 cr.)  
German III or IV (3 cr.)  
Mandarin Chinese I (3 cr.)  
Mandarin Chinese II (3 cr.)  
Spanish I (3 cr.)  
Spanish II (3 cr.)  
Spanish III (3 cr.)  
Spanish IV/Pre AP (3 cr.)  
Spanish V/AP Spanish Language and Culture (3 cr.)  
Spanish VI/AP Spanish Literature and Culture (3 cr.)  
Spanish for Native Speakers (3 cr.)
Art Fundamentals A
- Elective: 9, 10, 11, 12
- Length of Course: One trimester
- Prerequisite: No previous art experience expected

This is a great course for students who have limited experience in art. Students explore the connection of art as it relates to world around us. Students will begin to understand the fundamentals of creative process and discover the application, trends, and relevance of art through a range of hands-on, 2D and 3D projects.

Art Fundamentals B
- Elective: 9, 10, 11, 12
- Length of Course: One trimester
- Prerequisite: No previous art experience expected

This is a great course for students who have limited experience in art. This beginning level course is similar to Fundamentals A with a focus on design process, decisions and concepts. Students will explore different 2D and 3D projects and processes.

2D ART PATHWAY

2D Art courses develop the specific skills and techniques related to two-dimensional media. They are designed to build artistic and creative confidence. Students who are interested in developing “flat” products and mediums are encouraged to pursue this path-way. 2D Art I, II and III must be taken in consecutive order.

2D Art I
- Elective: 9, 10, 11, 12
- Length of Course: One trimester
- Prerequisite: None

This entry-level course will develop skills in drawing and painting. Through the introduction of art styles, techniques, and media students will create more realistic and engaging images.

2D Art II
- Elective: 10, 11, 12
- Length of Course: One trimester
- Prerequisite: 2D Art I

Students will expand on skills developed in 2D Art I. Additional media and techniques will be explored. Creative process, communication through art, and experimentation are emphasized.

2D Art III
- Elective: 10, 11, 12
- Length of Course: One trimester
- Prerequisite: 2D Art II

Refinement of drawing and painting skills will be explored and developed. Students will produce images with deeper levels of complexity. New topics such as portrait and figure studies, three-dimensional drawing, design on the computer, and basic animation will be introduced.
Studio Art 2D
  • Elective: 10, 11, 12
  • Length of Course: One-year course, but may be taken by individual trimesters up to two years
  • Prerequisite: Successful completion of 2D III

Students will be encouraged to develop their own individual art style, voice, concepts and compositions. A portfolio of original work will be compiled. This class provides preparation for future collegiate art studies or careers.

Advanced Placement Art 2D
  • Elective: 11, 12 (AP Level)
  • Length of Course: Three Trimesters
  • Prerequisite: One year of Studio Art is highly recommended prior to AP
  • Weighted Grade

Students will prepare a portfolio of high-quality original artwork in which they show mastery of concept development, composition and technical skills. AP Art is not based on a written exam, instead a digital slide portfolio will be submitted in May for possible college credit. Portfolios will include a series of 12 works that are based on an investigation of student’s personal interest and 12 works that show versatility in their art making. Students should expect to complete a significant amount of work outside of class.

3D ART PATHWAY
3D courses develop the specific skills and techniques related to three-dimensional media designed to build artistic and creative confidence. Students who are interested in developing products with both form and function are encouraged to pursue this pathway. 3D Art I, II and III must be taken in consecutive order. All 3D classes may be repeated for elective credit if students are interested in further developing the skills covered in each particular class to a higher level

3D Art I
  • Elective: 9, 10, 11, 12
  • Length of Course: One trimester
  • Prerequisite: None

This entry-level course will develop skills in clay and sculpture. Various techniques and materials may be explored including origami and paper mache. Through the introduction of art styles and techniques students will explore the purpose and intention of their artwork.

3D Art II
  • Elective: 10, 11, 12
  • Length of Course: One trimester
  • Prerequisite: 3D I

Students will expand on skills developed in 3D Art I. Students will learn how to throw on the potter’s wheel to make functional bowls, mugs, vases, and plates. Exploration of modular origami and task board sculpting will develop the learners’ eye in the activation of space. Students will use various surface design techniques.
3D Art III

• Elective: 10, 11, 12
• Length of Course: One trimester
• Prerequisite: 3D II

Students will further expand on skills developed in 3D Art II. This course focuses on the continued growth of design and creative problem-solving concepts while developing deeper levels of complexity and refinement in producing three-dimensional artworks. Students will work with additive and subtractive sculpting techniques which may include clay or other media. Creative process, continued use of a range of 3D media, and experimentation are emphasized.

Studio Art 3D

• Elective: 10, 11, 12
• Length of Course: Three trimesters, but may be taken by individual trimesters up to two years
• Prerequisite: Successful completion 3D I, II and III

Designed for students who are willing to push their three-dimensional art making skills to a higher level and strive toward artistic excellence. Students will be encouraged to develop their own individual art style, voice, concepts and compositions utilizing art research, critique process, and risk-taking strategies. A portfolio of original work will be compiled and prepared for exhibition purposes. This class provides preparation for future collegiate art studies or careers.

Advanced Placement Art 3D

• Elective: 12 (AP Level)
• Length of Course: Three trimesters
• Prerequisite: One year of Studio Art is highly recommended prior to AP
• Weighted Grade

Students will prepare a body of high-quality original artwork in which they show mastery of concept development, composition, and technical skills. AP Art is not based on a written exam, instead a digital slide portfolio will be submitted in May for possible college credit. Portfolios will include a series of 12 works that are based on an investigation of student’s personal interest and 8 works that show versatility in their art making. Students should expect to complete a significant amount of work outside of class. One year of Studio Art is highly recommended prior to AP.
<table>
<thead>
<tr>
<th>Pathways and Courses</th>
<th>Grades</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Business, Management, and Administration</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Business</td>
<td>9, 10, 11, 12</td>
<td></td>
</tr>
<tr>
<td>Personal Finance</td>
<td>9, 10, 11, 12</td>
<td></td>
</tr>
<tr>
<td>Accounting</td>
<td>9, 10, 11, 12</td>
<td></td>
</tr>
<tr>
<td>Entrepreneurship</td>
<td>10, 11, 12</td>
<td></td>
</tr>
<tr>
<td>Sales and Marketing</td>
<td>10, 11, 12</td>
<td></td>
</tr>
<tr>
<td>Business Law 1</td>
<td>10, 11, 12</td>
<td></td>
</tr>
<tr>
<td>Business Law 2</td>
<td>10, 11, 12</td>
<td>Business Law 1</td>
</tr>
<tr>
<td><strong>Information Technology</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Web Page/Game Design</td>
<td>9, 10, 11, 12</td>
<td>Digital Foundations</td>
</tr>
<tr>
<td>Coding 1</td>
<td>9, 10, 11, 12</td>
<td>Algebra</td>
</tr>
<tr>
<td>Coding 2</td>
<td>9, 10, 11, 12</td>
<td>Coding 1</td>
</tr>
<tr>
<td>Coding 3</td>
<td>9, 10, 11, 12</td>
<td>Coding 2</td>
</tr>
<tr>
<td>AP Computer Science</td>
<td>10, 11, 12</td>
<td>Coding 3</td>
</tr>
<tr>
<td>AP Computer Science Principles</td>
<td>10, 11, 12</td>
<td>Algebra 1</td>
</tr>
<tr>
<td><strong>Foundational Knowledge &amp; Skills</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Digital Foundations</td>
<td>9, 10, 11, 12</td>
<td></td>
</tr>
<tr>
<td>Digital Literacy</td>
<td>9, 10, 11, 12</td>
<td>Digital Foundations</td>
</tr>
<tr>
<td>Work Experience and Employment Skills</td>
<td>11, 12</td>
<td>Offered in Business and Work Experience Departments</td>
</tr>
</tbody>
</table>

**BUSINESS, MARKETING EDUCATION AND COMPUTER SCIENCES**

The purpose of business and marketing education is to provide instruction in the basic principles of business. Through a variety of business courses, students study personal finance, develop techniques for making wise consumer decisions, master economic principles, and learn how businesses operate. In addition, business educators play a prominent role in developing the knowledge, skills, and attitudes necessary for students to succeed in the workforce. The multifaceted discipline of business and marketing education includes subject matter areas focusing on the functional areas of business (management, marketing, finance, accounting, entrepreneurship), factors affecting business (economics, international business, business law), acquiring basic skills (information technology and communication), and examining business from different perspectives. Information technology is one of the most important components of business and marketing education. In this critical area, students learn to use computers and related software applications, as tools, to accomplish the major functions of business.

*High School Articulated Credit Option “ACC”: If a student meets the High School Articulated Credit requirements in the designated course, he/she can receive credits at a Technical College. Instructor will explain individual requirements.*
BUSINESS AND COMPUTER SCIENCES

BUSINESS, MANAGEMENT AND ADMINISTRATION PATHWAY

General Business “ACC”
- Elective: 9, 10, 11, 12
- Length of Course: One trimester

This course is designed to introduce students to the exciting world of business. Areas of interest will include types of businesses, how businesses make money, how businesses interact with their community and other businesses, and what it takes to be a successful businessperson. Upon completion of this course you will be issued a Tech Prep certificate if you meet Tech Prep requirements. This will allow you to bypass certain classes at St. Cloud Technical and Community College.

Personal Finance “ACC”
- Elective: 9, 10, 11, 12
- Length of Course: One trimester

“Who wants to be a millionaire?” Learn how in this class by applying practical personal finance procedures. Areas covered are as follows: careers, gross and net pay, budgeting, preparing income tax returns, checking and banking services, various investments, insurance needs and coverage, using credit and consumer loans. Guest speakers visit this class and share their knowledge and experiences.

Accounting “ACC”
- Elective: 9, 10, 11, 12
- Length of Course: One trimester

Accounting is the language of business! If you are thinking of any business major in college, this class is a must! This course is designed for the college/community college/business school student and anyone interested in running their own business. In this course you will develop an understanding of the basic principles of the accounting cycle, working with accounting procedures that are used in the workplace today. You will also learn about the wide variety of careers available to someone with an accounting background.

Entrepreneurship
- Elective: 10, 11, 12
- Offered: One trimester

If you’ve ever thought of having your own construction company, day care center, hair and nail salon, or dental office, this class will help you learn what is needed. You will learn how to figure out how much money is needed to start your business and where it might come from. You’ll learn about planning, government help and requirements, taxes, and necessary reports and data to make your business successful. The class gives you the privilege of working in the school store for a hands-on experience in working with small business and using your ideas to make it more successful. What is the best way to motivate people so that your business can grow and be successful? How do you find and hire great employees? This class examines the functions of managers in making a business successful. You’ll be introduced to human resource issues, learn how to give and take dynamic interviews. You’ll get to hone your skills by participating in the school coffee shop.
Sales and Marketing

• Elective: 10, 11, 12
• Length of Course: One trimester

What makes an ad “good”? Do you want to become a successful salesperson? How can you figure out what consumers want and if they will buy your new product or service? In this class we will explore these topics and also investigate methods for setting the right price, and determining the right promotion strategies.

Business Law 1 (Criminal & Civil Law)

• Elective: 10, 11, 12
• Length of Course: One trimester

“Ignorance of the law is no excuse.” Know your rights and responsibilities in everyday business transactions. Law enforcement and court procedures are studied through participation in jail/po-lie department class trips, mock trial, and contact with legal and law enforcement professionals. We will study the law of crimes and torts (criminal and civil law).

Business Law 2 (Contract Law)

• Elective: 10, 11, 12
• Length of Course: One trimester
• Prerequisite: Business Law 1

Every year you make hundreds of business contracts without even knowing it! You are bound by these contracts whether you know the law or not. In this class you will find out how people and businesses rely on these contracts every day. You will also find out what rights you have as a minor and how to protect your-self. This course may include a courtroom observation field trip.

INFORMATION TECHNOLOGY

Web Page/Game Design

• Elective: 9, 10, 11, 12
• Length of Course: One trimester
• Prerequisite: Suggested Digital Foundations
• Meets the Art Standard

The use of web pages has become a universal tool that busi-nesses and individuals use every day. Students at will be given the opportunity to learn design and management skills for web page creation. We will use a variety of web editors and software to fit individual needs. Ethics, uses, software, layout, graphics, animation, and multimedia technology are some areas that will be covered in this course. In addition, we will use game design software to create your own simple games.

Coding 1

• Elective: 9, 10, 11, 12
• Length of Course: One trimester
• Prerequisite: Algebra 1 prior to or during this course

The world is in need of people who can make the computer do what they want it to do. Coding is different from using programs or applications that someone else has written. You are the creator or author of the program. You will learn “BASIC” commands needed to write programs, and no previous experience is required. If you already know some “BASIC”, it simply means you may be able to write more complex programs. You may follow this course with Coding 2.
Coding 2
- **Elective:** 9, 10, 11, 12
- **Length of Course:** One trimester
- **Prerequisite:** Coding 1

In this course we will be adding on to what you have learned in Coding I, but we will be using a different language, Alice. It is more of an object-oriented programming language and similar coding to Java. You may follow this course with Coding 3.

Coding 3
- **Elective:** 9, 10, 11, 12
- **Length of Course:** One trimester
- **Prerequisite:** Coding 2

Computer programmers are among the highest paid, most demanded professionals today. In Coding 3, students learn intermediate to advanced techniques in coding. Topics may include object-oriented programming, function abstraction, and dynamic web.

AP Computer Science
- **Elective:** 10, 11, 12
- **Length of Course:** Three trimesters
- **Prerequisite:** Coding 3 or equivalent experience
- **Weighted Grade**

A cumulative experience in coding, you will build upon what was learned in the other coding courses. The course emphasizes object-oriented programming methodology, especially problem solving and algorithm development, plus an overview of data structures and abstraction. The AP Computer Science A exam tests students on their knowledge of Java. Previous computer science experience is required. Most course work is independent.

AP Computer Science Principles
- **Elective:** 10, 11, 12
- **Length of Course:** Three trimesters
- **Prerequisite:** Algebra I
- **Weighted Grade**

No computer science background necessary. This course teaches the foundational concepts of computer science. Students cultivate their understanding of computer science through working with data, collaborating to solve problems, and developing computer programs as they explore concepts like creativity, abstraction, data and information, algorithms, programming, the internet, and the global impact of computing.
FOUNDATIONAL KNOWLEDGE AND SKILLS

Digital Foundations
- Elective: 9, 10, 11, 12
- Length of Course: One trimester

This course includes skills that everyone will use in our technology-rich life — in school, on the job, and at home. During this class you will learn the correct technique for the computer keyboard and develop speed and accuracy. Students will develop the skills that are used daily in business and college by using word processing applications. Spreadsheets and graphics/desktop publishing will be introduced. Students will learn the basic formatting of personal and business documents using word processing, spreadsheets and other business application tools. Students will continue the development of keyboarding speed, accuracy, and proofreading skills.

Digital Literacy
- Grade 9, 10, 11, 12
- Length of Course: One trimester
- Prerequisite: Digital Foundations
- Meets the Art Standard

This course reflects the 21st Century marketplace expectations. Area colleges and employers emphasize the need for students to be technologically literate. Students will gain hands-on experience with the word processing, spreadsheet and presentation applications found in Microsoft Office Suite, since these are the applications most widely used in the business world. Emphasis will be placed on the moral and social implications of computer technology; additional web 2.0 applications used in today’s society; the human factors involved in the use of computer; and the historical development of computers.

WORK EXPERIENCE

Work Experience/Employment Skills
- Grade 11, 12
- (up to 9 Credits)
- (Class: 1 Credit per trimester, Job: 2 Credits per trimester)

This program is for students who are interested in developing employment skills. You will study and discuss a variety of topics with others in the class. Topics studied center around workplace practices such as: getting, holding and terminating employment: job promotions, career planning, problem solving, team work, work safety, job shadowing, and discussions in a cluster group with other students of similar career interests. You will also seek employment in a part time job related to a career interest area. This is done through a business agreement with a local employer. Your job should be chosen to assist you to gain work experience, get skill training and help you learn about the occupation you are considering. Discussion and projects in class will draw from this experience. Class will be more meaningful if your job is in your potential future career choice.
Students who qualify for English Learner (EL) services receive EL elective classes, sheltered content classes, and/or mainstream content classes. Their placement is determined by their WIDA language proficiency level, Average Daily Membership (ADM), and/or teacher recommendation.

**EL Courses:** Students will develop and expand their skills in reading, writing, speaking, and listening with a focus on academic language. The academic language taught will highlight the language of Mathematics, Science, Social Studies, Language Arts, and Social language. EL courses are taught by a licensed EL teacher and will receive an EL elective credit.

**Sheltered Content Courses:** The sheltered content courses are in the core subject areas with a focus on academic language of that particular content. Sheltered courses may be taught by a dual licensed teacher or by a content-licensed teacher trained in Sheltered Instructional practices. Students will receive content area credit for these courses.

**Mainstream Content Courses:** Multilingual Learner students participate in co-taught courses and/or courses taught by licensed content area teachers. Similar to the sheltered content-area courses, the academic language of the content area will be highlighted. Co-taught courses are taught by licensed EL and content-licensed teachers. Students will receive content area credit for these courses.

<table>
<thead>
<tr>
<th>Course Offerings Based on WIDA Proficiency Levels</th>
<th>Foundations</th>
<th>Entering</th>
<th>Developing</th>
<th>Expanding</th>
<th>Proficient</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>WIDA Level 1</td>
<td>WIDA Level 2</td>
<td>WIDA Level 3</td>
<td>WIDA Level 4</td>
<td>4.5 Composite with three domains at or above 3.5</td>
</tr>
</tbody>
</table>

**ELD Foundations**

- *Length of Course: Up to three trimesters*
- *Prerequisites: Instructor or Counselor Approval (in conjunction with WIDA Language Proficiency Level and Average Daily Membership)*
- *Credit: 1 elective credit per trimester*

Students will be introduced to social communications skills with an emphasis on academic vocabulary across content areas.

**Reading Foundations 1**

- *Length of Course: Up to three trimesters*
- *Prerequisites: Instructor or Counselor Approval (in conjunction with WIDA Language Proficiency Level and Average Daily Membership)*
- *Credit: 1 elective credit per trimester*

Instructional focus will include content area reading and independent reading.
Reading Foundations 2
• Length of Course: Up to three trimesters
• Prerequisites: Instructor or Counselor Approval (in conjunction with WIDA Language Proficiency Level and Average Daily Membership)
• Credit: 1 elective credit per trimester

Students will extend the skills learned in Reading Foundations 1. Instructional focus will include content area reading and independent reading at their level.

Writing Foundations 1
• Length of Course: Up to three trimesters
• Prerequisites: Instructor or Counselor Approval (in conjunction with WIDA Language Proficiency Level and Average Daily Membership)
• Credit: 1 elective credit per trimester

Students will be introduced to the foundational and academic skills of writing. Instructional focus will include content area writing.

Writing Foundations 2
• Length of Course: Up to three trimesters
• Prerequisites: Instructor or Counselor Approval (in conjunction with WIDA Language Proficiency Level and Average Daily Membership)
• Credit: 1 elective credit per trimester

Students will extend the skills learned in Writing Foundations 1. Instructional focus will include content area writing. Students will continue to produce authentic writing tasks focusing on academic writing in English.

Science and Social Studies Foundations
• Length of Course: Up to three trimesters
• Prerequisites: Instructor or Counselor Approval (in conjunction with WIDA Language Proficiency Level)
• Credit: 1 elective credit per trimester

Students will be introduced to content specific academic vocabulary through reading, writing, speaking, and listening. Instructional focus will provide a foundation of science and social studies language and content.

EL Entering
• Length of Course: Up to three trimesters
• Prerequisites: Instructor or Counselor Approval (in conjunction with WIDA Language Proficiency Level and Average Daily Membership)
• Credit: 1 elective credit per trimester

Students will listen, read, write and speak in order to discuss, explain, argue, and recount in content areas. Instructional focus will be on general academic language related to content areas.
EL Developing
- **Length**: Up to three trimesters
- **Prerequisites**: Instructor or Counselor Approval (in conjunction with WIDA Language Proficiency Level and Average Daily Membership)
- **Credit**: 1 elective credit per trimester

Students will continue to develop their listening, reading, writing, and speaking skills in order to discuss, explain, argue, and recount for a variety of audiences. Academic language in the content areas will be a focus. Instructional focus will be on specific language related to content areas, extended paragraph and written discourse structures, and developing level oral and written communication in academic English.

EL Expanding
- **Length of Course**: Up to three trimesters
- **Prerequisites**: Instructor or Counselor Approval (in conjunction with WIDA Language Proficiency Level and Average Daily Membership)
- **Credit**: 1 elective credit per trimester

Students will expand their academic listening, reading, writing and speaking skills in order to discuss, explain, argue, and recount. The use and variety of Academic Language will be expanded. Instructional focus is on technical language related to content areas, complex sentence level paragraph and discourse structures, and expanding level oral and written communication.

Academic Writing
- **Length of Course**: Up to three trimesters
- **Prerequisites**: Instructor or Counselor Approval (in conjunction with WIDA Language Proficiency Level and Average Daily Membership)
- **Credit**: 1 elective credit per trimester

The course focuses on academic writing for three communicative purposes: recount, explain, and argue. Students will narrate experiences and events, clarify the “why” or the “how” of ideas, actions or phenomena, and persuade by making claims supported by evidence.

LA9 Entering
- **Length of Course**: Up to three trimesters
- **Prerequisites**: Instructor or Counselor Approval (in conjunction with WIDA Language Proficiency Level and Average Daily Membership)
- **Credit**: 1 Language Arts credit per trimester

This course is aligned with the Minnesota State LA and WIDA Language Standards for grade 9. Students will read independently, use the writing process, develop essays, review study skill strategies, reinforce the writing process to improve interpretive reading and writing skills in fiction (including drama) and non-fiction, use research and technology, and develop oral communication skills.

LA10 Developing
- **Length**: Up to three trimesters
- **Prerequisites**: Instructor or Counselor Approval (in conjunction with WIDA Language Proficiency Level and Average Daily Membership)
- **Credit**: 1 Language Arts credit per trimester
This course is aligned with Minnesota State LA and WIDA Language Standards for grade 10, and extends the skills learned in LA 9. Areas of focus include, but are not limited to, informative text, literature, communications, grammar, and writing for a variety of purposes.

Math Foundations 1
- Length of Course: Three trimesters
- Not NCAA Approved

SLIFE identified students will develop working number sense, and will be introduced to fractions and decimals along with academic mathematical language. Students will be introduced to problem solving applications.

Math Foundations 2
- Length of Course: Three trimesters
- Not NCAA Approved

SLIFE identified Students will continue to develop rational number sense, along with academic mathematical language. Students will be introduced to integers and variables. Students will develop problem solving skills with geometry concepts and be introduced to the coordinate plane.
### Pathways and Courses

<table>
<thead>
<tr>
<th>Pathways and Courses</th>
<th>Grades</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hospitality</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Food Preparation Fundamentals</td>
<td>9, 10, 11, 12</td>
<td></td>
</tr>
<tr>
<td>Culinary Arts 1</td>
<td>10, 11, 12</td>
<td>Food Preparation Fundamentals and/or ServSafe certification</td>
</tr>
<tr>
<td>Culinary Arts 2</td>
<td>10, 11, 12</td>
<td>Food Preparation Fundamentals and/or ServSafe certification</td>
</tr>
<tr>
<td><strong>Education, Training and Human Services</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Child and Human Development</td>
<td>9, 10, 11, 12</td>
<td></td>
</tr>
<tr>
<td>Early Childhood Education</td>
<td>10, 11, 12</td>
<td>Child and Human Development</td>
</tr>
<tr>
<td>Introduction to Teaching</td>
<td>11, 12</td>
<td>Child and Human Development</td>
</tr>
<tr>
<td><strong>Design and Visual Arts</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fashion and Apparel Design</td>
<td>9, 10, 11, 12</td>
<td></td>
</tr>
<tr>
<td>Fashion Merchandising</td>
<td>10, 11, 12</td>
<td>Fashion and Apparel Design</td>
</tr>
<tr>
<td>Interior Design and Housing</td>
<td>10, 11, 12</td>
<td></td>
</tr>
<tr>
<td><strong>Foundational Knowledge and Skills</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Work Experience &amp; Employment Skills</td>
<td>11, 12</td>
<td>Offered in Work Experience Department</td>
</tr>
</tbody>
</table>

### FAMILY AND CONSUMER SCIENCES

Family and Consumer Sciences (FCS or FACS) is the comprehensive body of skills, research, and knowledge that helps people make informed decisions about their well-being, relationships, and resources to achieve optimal quality of life. The field represents many areas, including human development, personal and family finance, housing and interior design, food science, nutrition, wellness, textiles and apparel, and consumer issues.

FCS is the only profession that integrates knowledge from the basic disciplines of science, humanities, and the arts. It integrates math, reading, communication skills, organization skills, and work readiness in each area of study.

Today’s FCS professionals practice in multiple settings. They are early childhood, elementary, secondary, university/college, and extension educators, administrators and managers, human service professionals, researchers, community volunteers, business people, and consultants who address the issues most important to our quality of life.

*High School Articulated Credit Option “ACC”: If a student meets the High School Articulated Credit requirements in the designated course, he/she can receive credits at a Technical College. Instructor will explain individual requirements.*
**HOSPITALITY PATHWAY**

**Food Preparation Fundamentals “ACC”**

- **Elective:** 9, 10, 11, 12
- **Length of Course:** One trimester

Food Preparation Fundamentals is an introductory course valuable for all students. It is especially relevant for students interested in careers related to Culinary Arts and Hospitality Foods. As an introductory course, topics include safety and sanitization, equipment identification and usage, kitchen mathematics, recipe interpretation, food science and technology, and culinary etiquette. Students will participate in the National Restaurant Association’s ServSafe Food Handler examination. Projects may include knife skills, baking, food plating and presentation, and general food production.

**Culinary Arts 1 “ACC”**

- **Elective:** 10, 11, 12
- **Length of Course:** One trimester
- **Prerequisite:** Food Preparation Fundamentals and/or successful completion of ServSafe Food Handler exam (30/40)

Culinary Arts I prepares students for occupations and higher education programs of study related to the entire spectrum of careers in Culinary Arts and Hospitality Foods. This course provides a significant lab classroom experience. Major topics may include food safety and sanitization, kitchen structure and organization, applied culinary mathematics, emergency procedures and management, professional plating techniques, and commercial food preparation techniques and methods. Projects may include salad development/production, vinaigrettes, Rice/Potatoes/Starches, Fruits/Vegetables, Proteins/Meats, and complete-meal production.

**Culinary Arts 2 “ACC”**

- **Elective:** 10, 11, 12
- **Length of Course:** One trimester
- **Prerequisite:** Food Preparation Fundamentals and/or successful completion of ServSafe Food Handler exam (30/40)
- **Meets the Art Standard**

Culinary Arts II exposes students to additional commercial preparation techniques and methods. This course provides a significant lab classroom experience. Major topics may include safety and sanitization, applied culinary mathematics, professional plating techniques, breakfast foods/cookery, garde manger and food art/presentation, breads, baked goods/desserts, and catering/customer service. Projects may include desserts such as cakes/cookies/pies/truffles, edible food art, and bread production.

**EDUCATION, TRAINING AND HUMAN SERVICES**

**Child and Human Development “ACC”**

- **Elective:** 9, 10, 11, 12
- **Length of Course:** One trimester

Child and Human Development is an introductory course for all students as a life foundation and academic enrichment; it is especially relevant for students interested in careers that draw on knowledge of children, child development, and nurturing of children. This course addresses issues of child development from conception/prenatal through the life span. It includes the study of prenatal development and birth; growth and development of children; child care giving and nurturing; and support systems for parents and caregivers. This course provides a foundation for continuing and post-secondary education in all career areas related to children, child development, and nurturing of children. Projects may include: Reality Works babies and Simulation belly.
Early Childhood Education "ACC"

- Elective: 10, 11, 12
- Length of Course: One trimester
- Prerequisite: Child and Human Development

Early Childhood Education prepares students for employment in early childhood education and related careers that involve working with children from birth to 8 years (3rd grade) and provides the foundations for study in higher education that leads to early childhood education and other child-related careers. A project-based approach that utilizes higher order thinking, communication, leadership, and management processes is recommended in order to integrate the study of suggested topics.

Introduction to Teaching "ACC"

- Elective: 11, 12
- Length of Course: One trimester
- Prerequisite: Child and Human Development
- Students may be eligible for Concurrent Enrollment credits through SCSU upon completion

Introduction to Education provides the foundation for employment in education and related careers and prepares students for study in higher education. The course of study includes, but is not limited to: the teaching profession, the learner and the learning process, planning instruction, learning environment, and instructional and assessment strategies. This class will explore cross curricular areas such as reading and social studies, including the use of technology in implementing Learning Management Systems used for training and education. Core values and character education; respect, leadership, cooperation, responsibility, self-control, and etiquette will be examined. Projects may include: outside classroom experiences.

DESIGN AND VISUAL ARTS

Fashion and Apparel Design

- Elective: 9, 10, 11, 12
- Length of Course: One trimester
- Meets the Art Standard

Fashion and Apparel Design is an introductory course for those students interested in a career in the fashion, textile, and apparel industry. This course addresses knowledge and skills related to design, production, acquisition, and distribution in the fashion, textile, and apparel arena. Projects may include: clothing construction.

Fashion Merchandising

- Elective: 10, 11, 12
- Length of Course: One trimester
- Prerequisite: Fashion and Apparel Design

The course prepares students for careers in the fashion, textile, and apparel industry; factors influencing the merchandising and selection of fashion, textile, and apparel goods and their properties, design, and production; and consumer skills. A project-based approach integrates instruction and laboratory experiences including application of the elements and principles of design; selection, production, alteration, repair, and maintenance of apparel and textile products; product research, development, and testing; and application of technical tools and equipment utilized in the industry. Visual arts concepts will be addressed. Projects may include: field trips for store merchandising experience.
Interior Design and Housing

- **Elective:** 10, 11, 12
- **Length of Course:** One trimester
- **Meets the Art Standard**

Housing and Interior Design is an introductory course essential for those students interested in a career within the housing, interior design, or furnishings industry. This course addresses the selection and planning of designed spaces to meet the needs, wants, values and lifestyles of individuals, families, clients, and communities. Housing decisions, resources and options will be explored including factors affecting housing choices and the types of housing available. Developmental influences on housing and interior environments will also be considered. Basic historical architectural styling and basic furniture styles will be explored as well as basic identification of the elements and principles of design. Design and space planning involves evaluating floor plans and reading construction documents while learning to create safe, functional, and aesthetic spaces. Presentation techniques will be practiced to thoroughly communicate design ideas. Visual arts concepts will be addressed.
Healthcare is the largest and fastest growing industry in the United States. In Health Science courses, students are prepared for a career that promotes health, wellness and diagnosis, and treats injuries and diseases. Some careers involve working directly with people, while others involve research into diseases or collecting and formatting data and information. You could work in hospitals, medical or dental offices, laboratories, communities, medivac units, or sports arenas.

**High School Articulated Credit Option “ACC”: If a student meets the High School Articulated Credit requirements in the designated course, he/she can receive credits at a Technical College. Instructor will explain individual requirements.**

<table>
<thead>
<tr>
<th>Pathways and Courses</th>
<th>Grades</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Therapeutic Services</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emergency Medical Responder (EMR)</td>
<td>11, 12</td>
<td></td>
</tr>
<tr>
<td>Certified Nursing Assistant</td>
<td>11, 12</td>
<td></td>
</tr>
<tr>
<td><strong>Diagnostic Services</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Lead the Way: Principles of Biomedical Sciences (PBS)</td>
<td>9, 10, 11, 12</td>
<td></td>
</tr>
<tr>
<td>Project Lead the Way: Human Body Systems (HBS)</td>
<td>10, 11, 12</td>
<td>Project Lead the Way: PBS</td>
</tr>
<tr>
<td>Project Lead the Way: Medical Interventions (MI)</td>
<td>11, 12</td>
<td>Project Lead the Way: PBS</td>
</tr>
<tr>
<td>Project Lead the Way: Biomedical Innovation (BI)</td>
<td>11, 12</td>
<td>Project Lead the Way: PBS</td>
</tr>
<tr>
<td><strong>Foundational Knowledge and Skills</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medical Terminology</td>
<td>10, 11, 12</td>
<td></td>
</tr>
<tr>
<td>Health Care Core</td>
<td>10, 11, 12</td>
<td></td>
</tr>
<tr>
<td>Certified Nursing Assistant</td>
<td>11, 12</td>
<td>Health Care Core Curriculum</td>
</tr>
<tr>
<td>Health Careers Exploration Program and Health Internship</td>
<td>11, 12</td>
<td>Courses must be taken concurrently</td>
</tr>
</tbody>
</table>
THERAPEUTIC SERVICES

Emergency Medical Responder (EMR)
  • Elective: 10, 11, 12
  • Length of Course: One trimester

Students will be enabled to apply the fundamental skills and knowledge required to function as an entry level First Respond-er. Emphasis will be placed on skills needed for the recognition of, and emergency care of sick or injured people, utilizing basic medical equipment and assisting Emergency Medical Technicians once they have arrived. This course is designed for non-ambulance personnel such as law enforcement, fire, rescue, DNR, industry, and private citizens who are involved in pre-hospital emergency care and are first on the scene in an emergency.

DIAGNOSTIC SERVICES

Project Lead the Way: Principles of Biomedical Sciences (PBS)
  • Elective: 9, 10, 11, 12
  • Length of Course: Three trimesters
  • Meets the Biology Standard

In the introductory course of the PLTW Biomedical Science Program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical Treatments that might have prolonged the person’s life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

Project Lead the Way: Human Body Systems (HBS)
  • Elective: 10, 11, 12
  • Length of Course: Three trimesters
  • Prerequisite: Principles of the Biomedical Sciences (PBS)

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal manikin, use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real world medical cases.

Project Lead the Way: Medical Interventions (MI)
  • Elective: 10, 11, 12
  • Length of Course: Three trimesters
  • Prerequisite: Principles of the Biomedical Sciences (PBS)

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the cod in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.
Project Lead the Way: Biomedical Innovation (BI)

- Elective: 11, 12
- Length of Course: Three trimesters
- Prerequisite: Principles of Biomedical Sciences (PBS)

In the final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent design project with a mentor or advisor from a university, medical facility, or research institution.

FOUNDATIONAL KNOWLEDGE AND SKILLS

Medical Terminology

- Elective: 10, 11, 12
- Length of Course: One trimester

Medical terminology is the study of the principles of medical word building to help the student develop the extensive medical vocabulary used in health care occupations. Students receive a thorough grounding in basic medical terminology through a study of root words, prefixes and suffixes.

Health Care Core Curriculum

- Elective: 10, 11, 12
- Length of Course: One trimester

This course includes a series of entry-level modules that are essential and valued from all health career professionals found in any healthcare setting. This course is a standardized competency-based Healthcare Curriculum that prepares students for the rapidly changing healthcare careers. Students will learn basic healthcare fundamentals that are common to all health care careers, knowledge to make career choices, and pathways to multiple health careers. This course answers the following question: “What does a worker need to know and be able to contribute to the delivery of safe and effective healthcare?”

Certified Nursing Assistant (CNA)

- Elective: 11, 12
- Length of Course: One trimester
- Prerequisite: Health Care Core Curriculum (HCCC)

CNA courses include a combination of lectures and laboratory practice. Topics are focused on caring for the elderly and include: Activities of Daily Living (ADLs), Vital Signs, Incident Reporting, Patient Rights, etc. After completing their courses, students in CNA programs do some supervised clinical work through an externship (outside of school hours) at a medical care facility. Students will be eligible to participate in the approved Minnesota Department of Health’s Certified Nursing Assistant competency exam to get the title of CNA.
Health Careers Exploration “ACC”

• (Credit at SCTC is granted for HLTH 1825, Medical Terminology, if the student meets the Articulated Credit Requirements)
• Grade 11, 12
• Length of Course: Three trimesters
• Prerequisite: Biology (A or B) Human Anatomy & Physiology is recommended. This course MUST be taken with Health Internship.
• Qualifications: Reliable transportation, Application with two letters of recommendation, and strong evidence of personal responsibility and professionalism.

Topics include: Resume writing, job applications, interviewing and employability skills, First Aid/CRP/AED, Bio-ethics, current events in healthcare, service learning (at long-term care facilities), exposure to post-secondary education and training, and Medical Terminology. Over 35 health career professionals serve as guest speakers and mock interviews throughout the course. The unique career exploration program provides invaluable opportunities for students to participate in two 25 hour job shadow experiences at one of St. Cloud area’s health care organizations. Please be advised there is a great deal of independent study in this course so person responsibility and maturity is essential for success.

Health Internship “ACC”

• (Credit at SCTC is granted for HLTH 1825, Medical Terminology, if the student meets the Articulated Credit Requirements)
• Elective: 11, 12
• Length of Course: 3 Trimesters
• Prerequisite: This course MUST be taken with Health Careers

The course is designed to provide students with two off campus internships in a medical career field which begins in mid-October. The course offers guest speakers from various medical careers, long-term care facility experience, tours of medical facilities and other opportunities focused on health careers. Students must be able to provide their own transportation.
Language Arts

Language Arts 9
- Required: 9
- Length of course: Three Trimesters
- Fulfills graduation requirements for 9th grade language arts.
- Required Course for 9th Grade.

The course focuses on the following: reading independently, using the writing process, developing the essay, reviewing study skill strategies, reinforcing six trait writing skills, improving interpretive reading skills in fiction, drama, and non-fiction, using research and technology, and developing oral communication skills.

Language Arts 9 Honors
- Grade: 9
- Length of course: Three Trimesters
- Fulfills graduation requirement for 9th grade language arts.
- Replacement course for LA 10.

A recommended preparatory course for the future AP courses in Language Arts. Skills taught are the same as LA 9 but at a higher level of mastery.

Language Arts 10
- Required: 10
- Length of course: Three Trimesters
- Fulfills graduation requirement for 10th grade language arts.
- Required course for 10th grade.

Extends the skills learned in LA 9. Areas of focus include, but are not limited to, informative text, literature, communications, grammar, and writing for a variety of purposes.

Language Arts 10 Honors
- Grade 10
- Length of Course: Three trimesters
- Fulfills graduation requirement for 10th grade language arts.
- Replacement course for LA 10

A recommended preparatory course for the future AP courses in Language Arts. Skills that are taught meet the LA Minnesota Academic Core Standards for grade 10 at a higher level of mastery than LA 10.
Language Arts 11 Tri 1: Themes in American Literature

- **Required:** 11
- **Length of Course:** One trimester
- **This course is required for all 11th grade students who are NOT taking AP Language and Composition.**
- **Fulfills 1/3 of the 11th grade Language Arts requirements**
- **2 additional trimester elective courses IN Language Arts required to meet graduation requirements.**

This required trimester course gives students the opportunity to develop skills while studying themes of American Literature and composition. Students will read novels, short stories, nonfiction works, and poetry. Students will write essays, response papers, and a research paper. They will also continue to pursue acquisition of media literacy and public speaking skills.

AP Language and Composition

- **Elective:** 11 (AP Level)
- **Length of Course:** Three trimesters
- **Fulfills the graduation requirements for Grade 11 language arts.**
- **Replacement course for Language Arts 11:Themes in American Literature and two electives.**
- **Weighted grade**

A year-long AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among writer’s purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing.

AP Literature and Composition

- **Elective:** 12 (AP Level)
- **Length of Course:** Three trimesters
- **Fulfills the Language Arts requirements for Grade 12**
- **Weighted grade.**

Advanced Placement (AP) Literature and Composition is a challenging course designed for students seeking college level experience in English. Students will read both classic and contemporary literature, with a focus on developing analytical reading, writing, and discussion skills. Readings will be drawn from novels, plays, short stories, and poetry. Students enrolling in the course will read, write, and discuss extensively to build their repertoire of interpretive skills. Students taking the course will be required to read several literary works and write analytical reactions during the summer immediately preceding the start of the course.
LITERATURE COURSES

• 11th grade students must take two additional Language Arts electives. Students may choose from Writing, Literature or Communications Language Arts electives.

• 12th grade students must take three Language Arts Electives: one writing, one literature, and one communications.

Modern American Literature
• Elective 11, 12
• Length of Course: One trimester
• This course is recommended as a follow-up to LA 11: Themes in American Literature
• Fulfills one literature language arts credit toward graduation.

Students will read literature from the Reconstruction Period to the 21st Century. Literary and rhetorical analysis and composition will be a focus in this course.

Short Story Literature (Offered 2020-21)
• Elective 11, 12
• Length of Course: One trimester
• Not NCAA Approved
• Fulfills one literature language arts credit toward graduation.

This course provides students with the opportunity to read a wide selection of short stories. Students will demonstrate knowledge of plot, theme, character, point of view, setting, and irony. Additionally, students will develop their interpretation skills. Writing assignments will include reactions to readings and literary analysis.

Science Fiction (Not Offered 2020-21)
• Elective: 11, 12
• Length of Course: One trimester
• Fulfills one literature language arts credit toward graduation.

The literature in this course deals with the realm of possibility. Many science fiction writers begin with the question “What if…?”, and provide us with a vision of the way things might be in the near or distant future. Students will read a minimum of 2 novels and additional short stories during this course. Vocabulary study, discussions, quizzes, and tests as well as written reactions to themes in the literature will be part of this course.

Humanities
• Elective: 11, 12
• Length of Course: One trimester
• Fulfills one literature language arts credit toward graduation.

In this course, students examine works of literature, philosophy, and the arts to probe human identity and explore life’s meanings within the various cultural areas and eras.
Popular Fiction
• Elective 11, 12
• Length of Course: One trimester
• Not NCAA Approved
• Fulfills one literature language arts credit toward graduation.

This course will expose students to popular and high interest novels from various genres of literature and nonfiction texts to inspire life-long reading habits. Writing assignments will include reactions to readings, literary analysis, journals, and creative/informative projects.

Novels
• Grade 11, 12
• Length of Course: One trimester
• Not NCAA Approved at Tech
• Fulfills one literature language arts credit toward graduation.

Students read and analyze several novels. A thematic approach to the literature will be evident, and the student will be expected to participate in class discussions as well as write explications and a literary essay.

Multicultural World Literature
• Grade 11, 12
• Length of Course: One trimester
• Fulfills one literature language arts credit toward graduation.

Students read and analyze several novels. A thematic approach to the literature will be evident, and the student will be expected to participate in class discussions as well as write explications and a literary essay.
WRITING COURSES

11th grade students must take two additional Language Arts electives. Students may choose Language Arts electives from writing, literature or communications.

12th grade students must take three Language Arts Electives: one writing, one literature, and one communications.

Visual Literacy
• Grade 11, 12
• Length of Course: One trimester
• Not NCAA Approved
• Fulfills one writing language arts credit toward graduation.

This course develops analytical and creative writing skills through working with drama. Students will discuss the elements of visual media and the themes of classic and contemporary films. Students in this class will watch, analyze, and gain inspiration from visual modes of entertainment. Major assessments include various Film Reviews, a Research Paper, a Compare-Contrast Essay, and a Fan-Fiction (Creative Writing) Project.

Professional Writing
• Grade 11, 12
• Length of Course: One trimester
• Not NCAA Approved
• Fulfills one writing language arts credit toward graduation.

Students will practice writing skills that are of practical use in their lives outside of and beyond high school. Major areas of study and practice will include personal and professional writing such as: letters, resumes, reports, proposals, and other forms of correspondence, as well as responses to selected reading and informed opinion writing.

Written Composition
• Grade 11, 12
• Length of Course: One trimester
• Fulfills one writing language arts credit toward graduation.

This course will prepare you for college level writing utilizing literature and current media sources to focus on writing conventions and writing formats used in research and exposition, literary analysis, and personal narration. In addition to the standard writing curriculum, ACT vocabulary development will be offered.

Creative Writing
• Grade 11, 12
• Length of Course: One trimester
• Fulfills one writing language arts credit toward graduation.

This course offers the opportunity of growing in such writing areas as short stories, poetry, memoirs, and journal writing. The study and application of literary devices will propel students into making their writing more effective. This course which requires daily writing, is designed for students who love to write and are looking to write creatively.
COMMUNICATIONS COURSES

11th grade students must take two additional Language Arts electives. Students may choose Language Arts electives from writing, literature or communications.

12th grade students must take three Language Arts Electives: one writing, one literature, and one communications.

Speech
• Grade 11, 12
• Length of Course: One trimester
• Fulfills one communications language arts credit toward graduation.

This course is designed for students who are interested in honing their public speaking skills. From storytelling to informing, persuading and entertaining, the public speaking student in this course can expect to share and express ideas with heightened confidence and eloquence. This is a valuable course for students interested in competitive public speaking, but speech team experience or interest is not required.

Communications
• Grade 11, 12
• Length of Course: One trimester
• Not NCAA Approved
• Fulfills one communications language arts credit toward graduation.

Commonly referred to as “Comm. 101” in many college settings, this communication course offers students an introduction to the five levels of communication: intrapersonal, interpersonal, group, public speaking and mass communication. Students will look at their role in the communication process and will be given opportunity to practice public speaking as well as verbal and nonverbal communication skills.

Debate/Argumentation
• Grade 11, 12
• Length of Course: One trimester
• Fulfills one communications language arts credit toward graduation.

The student will develop skills in logic, persuasion, vocabulary, research, composition, organization, delivery, and ethics in persuasion. Important national issues from a political and evaluative perspective will be examined. This course will aid in preparing for college. The class will require speeches, in-class debates, and work outside of school.

Mass Media
• Grade 11, 12
• Length of Course: One trimester
• Not NCAA Approved
• Fulfills one communications language arts credit toward graduation.

This course examines the history of broadcast and mass media in our world and its role in the delivery of information and entertainment. Through class discussions, presentations, and projects, students will analyze the cognitive, emotional, moral, and aesthetic impact of mass media on our society.
Performance Literature/Oral Interpretation

• Grade 11, 12
• Length of Course: One trimester
• Not NCAA Approved
• Fulfills one *communications* language arts credit toward graduation.

This course is designed to improve students’ skills in interpreting literature, enhancing speaking, and improving listening. Students will read a variety of genres and cut performance scripts. Students will also participate in a variety of performances, and deliver speeches.
For sequence of particular courses, refer to the flow chart at the end of the math section. Minnesota students are required to complete Algebra 2.

Calculators may be used in most of our math courses. A scientific calculator (with fraction capabilities) is adequate through Geometry. Students who plan on taking Algebra 2, College Prep, Pre-Calculus, Calculus, or Statistics will extensively use a graphing calculator. (These will also be used in Chemistry and Physics). You may want to discuss calculator selection with a teacher.

**Algebra 1.1**
- Grade 9, 10, 11, 12
- Length of Course: Three trimesters
- Not NCAA Approved

Linear Algebra: This course will focus on linear algebra including simplifying algebraic expressions, absolute value, functions, solving and graphing linear equations and inequalities.

**Algebra 1.2**
- Grade 9, 10, 11, 12
- Length of Course: Three trimesters
- Not NCAA Approved

Algebra 1.2 introduces and develops all algebra 1 concepts including simplifying, solving and graphing: linear, inequality, systems of linear equations/inequalities, quadratic, basic radical and basic rational expressions/equations. The course will also include probability and statistics concepts.

**Vocational Math**
- Grade 10, 11, 12
- Length of Course: Three trimesters
- Prerequisite: Algebra 1.2
- Not NCAA Approved

This course will help students improve their math skills. Multiple strands of the 9-12 MN math standards will be covered.

**Geometry**
- Grade 9, 10, 11, 12
- Length of Course: Three trimesters
- Prerequisite: Algebra 1.2

Students will be introduced and develop basic terms and symbols of geometry including area, perimeter and volume, symmetry and transformations, congruence and similarity, angle and line relationships, and logical reasoning in proofs.
Advanced Geometry
• Grade 9, 10, 11, 12
• Length of Course: Three trimesters
• Prerequisite: Algebra 1.2
• Replacement course for Geometry

Students will be introduced and develop basic terms and symbols of geometry including area, perimeter, surface area, volume, logical reasoning, proofs, constructions, classifying figures, coordinate geometry, transformations, and use math applications with the space, shape and measurements. Advanced Geometry moves at a faster pace and includes more in-depth problem solving.

Algebra 2
• Grade: 9, 10, 11, 12
• Length of Course: Three trimesters
• Prerequisite: Algebra 1.2 and Geometry is recommended

Students will develop and master their skills of solving equations, graphing functions, simplifying expressions, rational and radical functions, probability and statistics. Students will be introduced to trigonometry, polynomials, complex numbers and logarithms.

Advanced Algebra 2
• Elective: 9, 10, 11, 12
• Length of Course: Three trimesters
• Prerequisite: Algebra 1.2 and Geometry
• Replacement course for Algebra 2

Students will develop and master their skills of solving equations, graphing functions, simplifying expressions, probability and statistics. Students will be introduced to matrices, trigonometry, polynomials, complex numbers, conic sections and logarithms. Advanced Algebra 2 moves at a faster pace and includes more in-depth problem solving.

College Prep Math
• Grade 11, 12
• Length of Course: Three trimesters
• Prerequisite: Geometry and Algebra 2

This course is good preparation for many university or technical college programs. The course includes in-depth work with graphs of relations, functions, polynomial equations, systems, and matrices.

Pre-Calculus
• Grade 11, 12
• Length of Course: Three trimesters
• Prerequisite: Advanced Algebra 2 (B or better) or College Prep Math (B+ or better) or teacher recommendation
• Available Senior to Sophomore (S2S)

This course is preparation for AP Calculus or first year calculus in college. Pre-Calculus is an in-depth study of algebra, analytic geometry, function theory, and trigonometry.
Calculus

- Grade 11, 12
- Length of Course: Three trimesters
- Prerequisite: College Prep Math or Pre-Calculus

This course is similar to AP Calculus, but moves at a slower pace. This course will focus on the basics of differential and integral calculus. This course is not intended for students who would like to take the AP Calculus Exam.

AP Calculus AB

- Grade 11, 12 (AP Level)
- Length of Course: Three trimesters
- Prerequisite: B or better in Pre-Calculus or B+ or better in College Prep
- Weighted Grade

This course covers differential and integral calculus which are topics commonly covered in college calculus. Topics align with the AP Calculus AB Exam.

AP Calculus BC

- Grade 11, 12 (AP Level)
- Length of Course: Three trimesters
- Prerequisite: AP Calculus or teacher recommendation
- Weighted Grade

AP Calculus BC is a course that reviews the entire AP Calculus AB curriculum and introduces several major additional topics, such as Taylor polynomials, sequence and series, improper integrals. Topics align with the AP Calculus BC Exam.

AP Statistics

- Grade 11, 12 (AP Level)
- Length of Course: Three trimesters
- Prerequisite: Algebra 2
- Weighted Grade

The course will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students who are considering careers in medicine, environmental science, business, sociology, social work, psychology, sports, politics, and entertainment may benefit from this course. It can be taken at the same time as other math courses, including Pre-Calculus, College Prep, and/or AP Calculus. Topics align with the AP Statistics Exam.
Normal Progression through Mathematics at St. Cloud Area School District 742

Algebra 1.1 → Algebra 1.2 → Geometry → Algebra 2

ON LEVEL

Algebra 1.2 → Geometry → Algebra 2 → College Prep

Geometry → Algebra 2 → College Prep → Calculus

Advanced Geometry → Advanced Algebra 2 → Pre-Calculus → AP Calculus AB

AP Statistics
Tech Band Pathway

Tech Varsity Band
• Grade 9
• Length of Course: Three trimesters

Most 9th grade band students participate in the Varsity Band. Music for the Varsity Band will include traditional, popular and contemporary styles for high school bands. This band performs in evening concerts during the school year. Varsity Band members may participate in Pep Band events.

Tech Concert Band
• Grade 10, 11, 12
• Length of Course: Three trimesters

Most 10th grade band students participate in the Concert Band. Music prepared will be selected from a variety of standard works for band, orchestral transcriptions, popular and contemporary music written for the high school concert band. This band performs in evening concerts during the school year. Concert Band members may participate in Pep Band events.

Tech Wind Ensemble
• Grade 9, 10, 11, 12
• Length of Course: Three trimesters
• Prerequisite: Auditions

The Wind Ensemble is the highest performing level band at Tech. This group will be limited in size and instrumentation. Music will be selected from the best of the traditional and contemporary literature for wind band. This band performs in evening concerts during the school year and participates in the Central Lakes Festival in the spring. All students must audition for placement in the Wind Ensemble. Members may participate in Pep Band events.

Apollo Pathway:

Apollo Concert Band
• Grade 9, 10, 11
• Length of Course: Three Trimesters

The Concert Band is a year-long class for students who play brass, woodwind and percussion instruments. The class includes all 9th grade students with limited schedule time available and/or students who are still developing skills on their instrument. The focus of the course is development of individual technical skills and ensemble work to prepare students for membership in the Apollo Symphonic Band. Members are expected at attend regular lessons and take performance tests throughout the year. Music chosen for Concert Band will include traditional, popular and contemporary styles. Required performances include 4 evening concerts and 3 pep band events during the school year. The band also takes part in the MSHSL Region 8AA Music Festival. Members are encouraged to study privately on their instrument and participate in Solo/Ensemble Contest, Honor Band and audition for All-State Band.
Apollo Symphonic Band
- Grades 10, 11, 12
- Length of Course: Three Trimesters

Symphonic Band is a the “Varsity” band at Apollo and students must meet minimum skill development for membership. It is a year-long class for advanced brass, woodwind and percussion players. The ensemble meets daily and music chosen for the band will include traditional and contemporary styles. The band also presents a popular music concert each may. Required performances include 4 evening concerts and 8-10 pep band events during the school year. The band also performs at the Central Lakes Conference Honors Music Festival and MSHSL Solo & Ensemble contest, honors bands, and to audition for Minnesota All-State Bands. tours area schools. Members of the Symphonic Band travel every other year as well. Past trips have included New York, Chicago and New Orleans.

Apollo Introduction to Band
- Grade 9, 10, 11, 12
- Length of Course: Three trimesters

In this class, we will explore note reading fundamentals and being to learn to play one or more brass, woodwind or percussion instruments. Students are graded on written assignments, playing skill, tests, and classroom participation.

**CHOIR**

**Tech Pathway:**

Tech Concert Choir
- Grade 10, 11, 12
- Length of Course: Three trimesters
- Prerequisite: Audition
- Meets the Art Standard

Concert Choir is a select mixed choir designed to fulfill the needs of those students who desire a more serious study of choral music. The choir will perform all styles of choral literature from the Renaissance through the contemporary periods. The choir rehearses daily and performs at several concerts and festivals throughout the year. *All students must audition for placement in Concert Choir.*

Tech Mixed Choir
- Grade 10, 11, 12
- Length of Course: Three trimesters
- Meets the Art Standard

Mixed Choir is a mixed-voice ensemble open to any singer in grades 10-12 who enjoys singing and desires a greater understanding of choral music. The course will emphasize the continued development of skills necessary for good singing. The group is involved in three or four performances a year.
Tech 9th Grade Tenor/Bass Choir

- Grade 9
- Length of Course: Three trimesters
- Meets the Art Standard

Ninth Grade Tenor/Bass Choir is open to any tenor/bass singers in 9th grade who are interested in singing. The course will emphasize the enjoyment of choral music and development of the basic skills necessary for good singing. The group is involved in three or four performances a year.

Tech 9th Grade Treble Choir

- Grade 9
- Length of Course: Three trimesters
- Meets the Art Standard

Ninth Grade Treble Choir is open to any soprano/alto singers in 9th grade who are interested in singing. The course will emphasize the enjoyment of choral music and development of the basic skills necessary for good singing. The group is involved in three or four performances a year.

Tech Advanced Treble Choir

- Grade 10, 11, 12
- Length of Course: Three trimesters
- Meets the Art Standard

Advanced Treble Choir is a choir open to soprano and altos in grades 10 through 12 who desire a strong background in choral singing. The course provides singers with a greater understanding of music skills as well as singing fine choral literature for treble voices. The choir performs at several concerts and festivals throughout the year.

Apollo Pathway:

Apollo 9th Grade Tenor/Bass Choir

- Grade 9
- Length of Course: Three trimesters
- Meets the Art Standard

Ninth Grade Tenor/Bass Choir is open to any tenor/bass singers in 9th grade who are interested in singing. The course will emphasize the enjoyment of choral music and development of the basic skills necessary for good singing. The group is involved in three or four performances a year.

Apollo 9th Grade Treble Choir

- Grade 9
- Length of Course: Three trimesters
- Meets the Art Standard

Ninth Grade Treble Choir is open to any soprano/alto singers in 9th grade who are interested in singing. The course will emphasize the enjoyment of choral music and development of the basic skills necessary for good singing. The group is involved in three or four performances a year.
Apollo Varsity Choir
• Grade 10, 11
• Length of Course: Three trimesters
• Meets the Art Standard

This choir is a natural progression from 9th grade choir and focuses on continued vocal development in a combined class. Previous choral experience is not a prerequisite for this course but director approval is required. This ensemble will perform at various public performances throughout the year. Any outside rehearsals will be announced well in advance of the date.

Apollo Women’s Choir
• Grade 10, 11
• Length of Course: Three trimesters

The ensemble will perform at various concerts and other public functions requiring vocal entertainment. Previous choral experience is not a prerequisite for this course. Students will be expected to participate in small group instruction and lessons as part of the grading process. Performances and/or rehearsals outside of the school day may be necessary but will be announced well in advance of the date.

Apollo Concert Choir
• Grade 10, 11, 12
• Length of Course: Three trimesters
• Prerequisite: Audition

Concert Choir is an advanced choral ensemble with membership open to all sophomore, junior, and senior students on an audition basis. Previous choral experience, while helpful and strongly recommended, is not a requirement. Various performances will be scheduled throughout the year; these performances will be included in the grading scale of the class. Performances and some rehearsals may need to occur outside of the school day; these will be announced well in advance and are also part of the grading process. The Concert Choir tours bi-annually and serves as ambassadors for the Apollo High School Performing Arts Department.

ORCHESTRA

Tech Pathway

Tech Concert Orchestra
• Grade 9, 10
• Length of Course: Three trimesters
• Meets the Arts Standard

The Concert Orchestra is an ensemble for developing and advancing string students who would like to focus on perfecting the fundamentals of string playing. Music will include traditional, popular and contemporary selections for high school orchestra with the addition of full orchestra pieces as needed. This Orchestra performs several evening concerts throughout the year, including possible traveling for some performances. Meets every other day or every day.
Tech Symphony Orchestra
• Grade 10, 11, 12
• Length of Course: Three trimesters
• Prerequisite: Completion of Concert Orchestra
• Meets the Arts Standard

The Symphony Orchestra is an advanced, auditioned-based string ensemble for students who have mastered the fundamentals of string-playing. Musical selections will be chosen from a comprehensive library of advanced classical and contemporary literature for string and full orchestra with the addition of winds, brass and percussion. The Symphony Orchestra performs several evening concerts and festivals throughout the year, along with traveling for some performances. Meets daily along with a weekly section one day a week before school. See director for audition/approval requirements.

Apollo Pathway:

Apollo Sinfonia Orchestra
• Grade 9, 10, 11, 12
• Length of Course: Three trimesters
• Prerequisite: Audition

The Sinfonia Orchestra is an intermediate ensemble, which focuses on developing technique and musicianship specific to the needs of a string player. Students rehearse as an orchestra three days per cycle and meet for small group or individual lessons every other cycle. The Sinfonia performs music of various styles and cultures. A public performance is given each trimester, and students also have the opportunity to participate in regional string Contest, large group contest, and a performance tour in the spring.

Apollo Symphony Orchestra
• Grade 10, 11, 12
• Length of Course: Three trimesters
• Prerequisite: Audition

Membership in the Symphony Orchestra is open to students with advanced string skills. The group performs a wide variety of string orchestra music of different styles and cultures. Students rehearse daily in large and small groups and take individual or small group lessons. Performance opportunities include: Concerts each trimester, trips to other schools, Central Lakes Large Group Festival, regional string contest, large group contest, and a performance tour in the spring.

MUSIC
At both Apollo and Tech

AP Music Theory
• Grade 10, 11, 12 (AP Level)
• Length of Course: Three trimesters

This advanced music course will reflect a range of skills typically developed during introductory college courses in music theory. This is NOT a music appreciation class. The foundation of knowledge presented in the year-long AP Music Theory music course provides students the opportunity to develop, practice and master music theory skills essential to success in post-secondary music theory course work. Passing the exam in the spring with a 3-4 or 5 may earn you college credits at many colleges and universities.

History of Rock and Roll
• Grade 9, 10, 11, 12
• Length of Course: One trimester
• Meets the Art Standard

This course will explore the influences which began and continue to shape popular music in America. Examine how music reflects the social and historical events of our country. Contributions from world cultures will be emphasized and students will actively participate in related classroom performances. No prior musical training or experience is needed.

Introduction to Drumming
• Grade 9, 10, 11, 12
• Length of Course: One trimester

This is a class on the basics of drumming. Students will be introduced to musical rhythmic notation and drumming using buckets, hands and drumsticks. Students are graded on drumming skill, written assignments and classroom participation.

Introduction to World Music
Grade 9, 10, 11, 12
Length of Course: One trimester
Meets the Art Standard

This course will explore selected musical traditions from around the world. We will explore how these musical traditions are shaped by and give shape to the cultural settings in which they are performed. Students will explore these musical traditions through listening, observing and active participation. This course will explore folk, art, and popular music from cultural sound-scapes selected from Sub-Saharan Africa, India, Asia, the Middle East, Indonesia, Latin America, North America, and Europe.

Guitar I
• Grade 10, 11, 12
• Length of Course: Trimester 1
• Meets the Arts Standard

The student will learn basic classical (nylon-stringed) guitar skills with emphasis on the classical style. Basic note- and rhythm-reading, basic chords, and basic right-hand techniques will be learned in class. School will provide in-school guitars for class use.

Songwriting
• Grade 9,10, 11, 12
• Length of Course: Trimester 1

Have you ever thought about what it would be like to write, produce, promote and publish your own music? In songwriting, we will create music and work collaboratively to refine our craft as songwriters. Students can expect to learn about song structure, writing/revising, the production process and marketing. Students will also showcase their music at the end of the course.

Music Explorations
• Grade 9,10, 11, 12
• Length of Course: Trimester 1

Music exploration is a class offered to students in grades 9-12 that explores the various fundamentals of music theory, musical elements, music history, singing and creating music. Students will learn the fundamental skills needed to make progress toward their own musical goals or participating in vocal ensembles at the high school level. This is a non-performance music class.
Three credits (1 Fitness for Life, 1 physical education elective and 1 health I) are required by the school district to graduate. They can be completed in any grade 9-12.

**Fitness for Life**
- **Required:** 9, 10, 11, 12
- **Fulfills 1 graduation requirement for Physical Education.**
- **Length of course:** One trimester

Students will meet national and state physical education standards and benchmarks. They will apply skills in team, dual, and individual activities as well as aquatics and rhythms. An emphasis will be placed on personal fitness, assessing current levels of fitness and goal setting. This class may only be taken once. Successful completion of this class is a pre-requisite for all Physical Education Electives.

**Health Education I**
- **Required:** 9, 10, 11, 12
- **Fulfills 1 graduation requirement for Health.**
- **Length of Course:** One trimester

This course will expose students to a wide variety of health-related experiences such as analyzing and recognizing healthful and risky behaviors, demonstrating how to respond to harmful situations, and developing refusal skills. In addition, students will learn how to make informed decisions, promote and develop healthy relationships, set goals, and make healthy food choices. Students will also learn how to identify illegal drugs and identify causes, signs, symptoms, and treatments for common illnesses. Students will meet national and state standards and benchmarks in health education.

**PHYSICAL EDUCATION ELECTIVES**

Successful completion of Fitness for Life is a prerequisite for ALL elective courses. Student must choose one course of the 7 listed during grades 9, 10, 11, 12 to complete their physical education requirements. Students may register for these classes as an elective credit. All classes will have an emphasis on lifelong fitness. Students may take more than one elective class their junior and senior year as long as their schedule allows. Students will meet state and national physical education standards and benchmarks.

**Personal Fitness**
- **Elective:** 9, 10, 11, 12
- **Length of Course:** One trimester
- **Prerequisite:** Fitness for Life
- **Fulfills 1 graduation credit for Physical Education.**

This course is designed to focus the student at an individual level, promoting overall positive body image and awareness. Students will do individual goal setting and self-assessments. Students will be introduced to the four components of fitness; muscular strength, muscular endurance, flexibility, and cardiovascular endurance. Workouts will include but are not limited to: use of cardio and strength equipment in fitness room, yoga, Pilates, circuit training and aerobics.
Competitive Team Sports

- **Elective:** 9, 10, 11, 12
- **Length of Course:** One trimester
- **Prerequisite:** Fitness for Life
- **Fulfills 1 graduation credit for Physical Education.**

Competitive team sports will allow the student to participate in a variety of team sport activities at a competitive level. Participation skills, officiating skills, game rule knowledge, and strategies, will be practiced at an advanced level. Cooperative team concepts will be a focus as well as principles of training necessary to improve fitness, individual skills, and fundamentals. Activities will include; basketball, volleyball, floor hockey, football, speedball, soccer, team handball, softball, and others determined by class numbers and instructor.

Recreational Lifetime Sports

- **Elective:** 9, 10, 11, 12
- **Length of Course:** One trimester
- **Prerequisite:** Fitness for Life
- **Fulfills 1 graduation credit for Physical Education.**

Recreational sports will allow the student to participate in a variety of team and dual sport activities at a recreational level. Participation and knowledge of the game will be expected at a high level, however, skills and strategy will be at a basic level. Cooperative team concepts will be a focus, as well as principles of training necessary to improve fitness. Emphasis will be on fitness for life. Activities include: wellness activities, badminton, golf, tennis, pickleball, volleyball, snowshoe and other recreational games.

Net Games

- **Elective:** 9, 10, 11, 12
- **Length of Course:** One trimester
- **Prerequisite:** Fitness for Life
- **Fulfills 1 graduation credit for Physical Education.**

This course is an elective class offered to students who have successfully completed a 9/10 fitness for life course. Students will participate in lifelong individual and dual net games. Class emphasis will be on skill development, rules of games and strategies to enhance lifelong play. Students will compete in activities such as volleyball, tennis, badminton, eclipse ball and pickleball.

Strength Training and Conditioning

- **Elective:** 9, 10, 11, 12
- **Length of Course:** One trimester
- **Prerequisite:** Fitness for Life
- **Fulfills 1 graduation credit for Physical Education.**

This course will consist of strength training for students interest-ed in toning, developing strength, power, agility, flexibility and speed. This class will teach lifting technique, spotting responsibility, plyometrics, and speed development activities in a safe environment. An emphasis will be placed on lifelong fitness. Students will assess personal fitness and will develop individual programs. Lifetime fitness activities will be introduced so that personal fitness plans may be developed to use lifelong.
Advanced Strength Training and Conditioning

• Elective: 11, 12
• Length of Course: One trimester
• Prerequisite: Fitness for Life
• Fulfills 1 graduation credit for Physical Education.

This course will concentrate on advanced levels of muscle development through weight training, plyometrics, and speed development. This curriculum includes units in basic anatomy, physiology of strength development, kinesiology, effects of nutrition on performance and strength development, and the importance of flexibility. Student will do independent research, written assignments, knowledge tests, and physical activity. The student will develop his/her own strength-training program with the assistance of the instructor.

Lifeguard Training

• Elective: 10, 11, 12
• Length of Course: One trimester
• Prerequisite: Successful completion of Fitness for Life
• Fulfills 1 graduation credit for Physical Education.

The primary purpose of this class is to certify students in Red Cross Lifeguard Training. This certification will allow a student to be eligible for employment at various aquatic facilities, such as indoor and outdoor pools (public and private), county and city parks and water parks. This course follows the Red Cross course of study for lifeguarding. Students will develop high skill levels in the five basic strokes as well as receive instruction and practice skills to save one’s own life or the life of another. CPR for the Professional Rescuer and First Aid will also be taught. Students must be at least 15 years of age to register. Class fee of $40.00 will be charged. Fee includes the required book for the course and certification. After the certification part of the course, the students will be involved in other aquatic and dry land activities.

Health II

• Elective: 10, 11, 12
• Length of Course: One trimester
• Prerequisite: Successful completion of Fitness for Life & Health I
• Fulfills 1 graduation credit for Physical Education.

This course is designed for students who want to continue learning about health concepts, how they affect their future. Students will access information on proper nutrition and how it affects all areas of wellness. Units may include infectious diseases, chronic illness, healthy relationships, and how choices regarding sexual activity influence your life. This class will also include First Aid and CPR. You will receive certification in CPR, First Aid and AED.
Science 9
• Grade 9
• Length of Course: Three trimesters

Science 9 will focus on physical science and earth science concepts while incorporating real world connections. Each area is covered using a hands-on approach and research projects.

Advanced Science 9
• Grade 9
• Length of Course: Three trimesters

This comprehensive course will delve more deeply into further investigate Science 9 topics that require a strong math background. This course will provide a stronger foundation for students wishing to study physics and chemistry.

Biology: MN Wildlife
• Grade 10
• Length of Course: Three trimesters
• Completion of this course will fulfill the student’s High School Biology standard requirements.

This biology course will include biological concepts such as chemistry of life, cells, genetics, evolution, biodiversity and ecology, but will have an emphasis in understanding the relationships between plant and animal species and their habitats. Students will engage in a variety of learning experiences including outdoor observations, laboratory activities, wildlife identification and collecting and analyzing specimens while utilizing the outdoor spaces.

PRACTICAL BIOLOGY
• Elective: 10
• Length of Course: All Year
• Not NCAA Approved

This course is designed to meet biology standards with concepts connected to real-life skills and meet Minnesota graduation requirements. Concepts include: chemistry of life, cells, genetics, evolution, bio-diversity, and ecology. It is designed to prepare students for a technical college experience or a non-science 4 year degree.

Biology
• Grade 10
• Length of Course: Three trimesters

This course is designed to provide students with an opportunity to build an understanding of biological concepts such as. Concepts include chemistry of life, cells, genetics, evolution, bio-diversity, and ecology. Students will engage in a variety of learning experiences including small group work, laboratory activities, films, lectures, and interactive technology. This course is designed to give students an in-depth understanding and appreciation of life.
AP Biology

- Grade 10 (May be taken in Grade 11 and 12 for Elective Credit only) (AP Level)
- Length of Course: Three trimesters
- Weighted Grade

This course can be taken in place of Biology providing the pre-requisites are met. The Advanced Placement Biology curriculum is equivalent to an Introductory Biology college course. This course is designed to be fast paced and in depth. Concepts studied in this course include chemistry of life, cell energetics, heredity, molecular genetics, evolution, diversity of organisms, structure and function of both plants and animals, and ecology. All students in AP Biology are encouraged to take the AP Exam in the spring for college credit.

Chemistry

- Grade 11, 12 (Level 1)
- Length of Course: Three trimesters
- Available Senior to Sophomore (S2S)

Chemistry is a specialized science dealing with the structure and composition of materials and the changes that occur during chemical reactions. The laboratory experiences compliment the concepts learned in class and promote writing and communication skills through detailed lab reports. This class contains introductory college level rigor. Excellent reading skills and completion of Algebra II or currently enrolled in Algebra II is required.

Practical Chemistry

- Grade 11, 12
- Length of Course: Three trimesters

In this course, students will meet the requirements of the graduation standards while introducing students to basic chemistry concepts. Students will practice what they have learned through a variety of learning experiences. Concepts are connected to real life skills including math and scientific reading skills, and current events using an activity-based format. This course is designed to prepare students for a technical college experience or a non-science four-year degree.

AP Chemistry

- Grade 11, 12 (AP Level) (4.5 Credits)
- Length of Course: Three trimesters
- Length of Course: 1.5 class periods for full AP experience
- Weighted Grade

Advanced Placement Chemistry is a college level chemistry course. This course is an in-depth study of the principles and concepts in chemistry. Content includes atomic structure, bonding, stoichiometry, thermodynamics, kinetics, acids/bases, quantitative analysis and organic chemistry. All students in Advanced Placement Chemistry are encouraged to take the Advanced Placement Exam in the spring.

Environmental Science

- Grade 11, 12
- Length of Course: Three trimesters

Environmental Science is the study of how humans interact with the environment. Students will be investigating various environmental issues impacting our environment. Students will also be introduced to the biodiversity and conservation of Minnesota wildlife.
Physics
- Grade 11, 12 (Level 1)
- Length of Course: Three trimesters
- Available Senior to Sophomore (S2S)

This class is designed to prepare students for rigorous college coursework. The laboratory will be used extensively to help you study matter, energy, and transformation of energy. A mathematics background is necessary to understand the concepts as well as the interpretation of physical information. Credit may be available at SCSU through the Senior to Sophomore program.

Practical Physics
- Grade 11, 12
- Length of Course: Three trimesters
- Not NCAA Approved

Practical physics is a course designed to give students a hands-on experience in understanding matter, energy, and transformation of energy. This course is designed to prepare students for a technical college experience or non-science four-year degree.

AP Physics 1 and 2
- Grade 11, 12 (AP Level) (4.5 Credits)
- Length of Course: 1.5 class periods for full AP experience
- Weighted Grade

Students in this class with study force, motion (including rotational dynamics), work, energy, power, sound, and electric circuits. It is the equivalent to a first semester Algebra based college physics course and students may earn college credit by taking the AP Physics 1 test in May of each year. In addition, some Calculus based physics will be discussed as some students may wish to take the calculus-based AP Physics Mechanics test given in May of each year.

Human Anatomy & Physiology
- Grade 11, 12 (Level 1 or 2)
- Length of Course: Three trimesters
- Prerequisite: Advanced Biology or General Biology
- Available Senior to Sophomore (S2S)

This course is designed for those students who wish to obtain a better understanding of the anatomy and physiology of the human body. Physiology is the branch of biology in which students study and interpret the functions of cells, tissues, organs and systems. Anatomy is studied by the dissection of the fetal pig and other animal organs. Time will be spent in lab and in lecture discussion sessions. The student may receive three SCSU Senior to Sophomore credits for Human Biology 103 upon successful completion of the course.
Human Geography
• Required: 9
• Length of Course: Two trimesters
Fulfills Graduation Requirement for: Geography.
Required course for all freshmen.

Human Geography is designed to develop the student’s understanding of the world community. Some topics of study include population, culture, political systems, agriculture, urbanization, economics, and the environment.

AP Human Geography
• Elective: 9 (AP Level)
• Length of Course: Three trimesters
• Fulfills Graduation Requirement for: Geography (replacement course for Human Geography)
• Weighted Grade

Advanced Placement (AP) Human Geography is a challenging course that is meant to be the equivalent of an introductory college course. Solid reading and writing skills are necessary to handle the rigors of the course. Some topics of study include: population and migration, agriculture, popular and folk culture, political systems & urbanization.

World History
• Required: 10
• Length of Course: Three trimesters
• Fulfills Graduation Requirement for: World History
Required course for all 10th graders.

This course is a broad survey of World History. Students will look at the movements, personalities and cultures of many different world civilizations.

AP World History
• Elective: 10 (AP Level)
• Length of Course: Three trimesters
• Fulfills Graduation Requirement for: World History (replacement course for World History)
• Weighted Grade

Advanced Placement (AP) World History is a challenging course that is meant to be the equivalent of a freshman college course and can earn the student college credit. It is a three-trimester survey of World History. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study are necessary to succeed. Emphasis is placed on critical and evaluative thinking skills, essay writing and interpretation of original documents.
US History
- **Required:** 11
- **Length of Course:** Three trimesters
- **Fulfills Graduation Requirement for:** US History

*Required course for all 11th graders.*

Students will examine and analyze US History from exploration to the present day. The US History course will explore the social, political, cultural, and economic movements within US History.

AP US History
- **Elective:** 11 (AP Level)
- **Length of Course:** Three trimesters
- **Fulfills Graduation Requirement for:** US History (replacement course for US History)
- **Weighted Grade**

Advanced Placement (AP) US History is a challenging course that is meant to be the equivalent of a freshman college course and can earn student college credit. It is a three-trimester survey of US History from the age of exploration and discovery to the present. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study are necessary to succeed. Emphasis is placed on critical and evaluative thinking skills, essay writing, interpretation of original documents, and historiography.

Economics
- **Required:** 12
- **Length of Course:** One trimesters
- **Fulfills Graduation Requirement for:** Economics

Economics provides a logical way for people to think about decisions at every level – personal, family, organizational, business and governmental. Studying economics gives one a better understanding of the world, economic policy and be an informed participant.

Economics S2S
- **Elective:** 12
- **Length of Course:** Two trimesters
- **Fulfills Graduation Requirement for:** Economics (replacement course for Economics)
- **Weighted Grade**

S2S Economics is an introductory college level course taught in conjunction with the Economics Department at St. Cloud State University. Upon successful completion, you will receive high school credit and three semesters of college credits. This course explores a variety of social issues such as crime, professional sports, poverty, higher education, pollution, international trade, unemployment, and inflation. If you want to get a start on your college education, this course is designed for you!
**AP Economics**
- **Elective:** 12 (AP Level)
- **Length of Course:** Three trimesters
- **Fulfills Graduation Requirement for:** Economics (replacement course for Economics)
- **Weighted Grade**

AP Economics is a college level, in-depth course that emphasizes the how’s and why’s of the U.S. economic system. It explores concepts in both microeconomics and macroeconomics. Students will be prepared to take Advanced Placement exams in both Microeconomics and Macroeconomics. Passing the exam with a 3-4 or 5 will earn college credit at many colleges and universities.

**Government**
- **Required:** 12
- **Length of Course:** One trimester
- **Fulfills Graduation Requirement for:** Government

This course will provide students the knowledge and skills needed for informed, responsible participation in public life. It is the study of constitutional principles and the democratic foundation of our national, state, and local institutions. Students will also study the political processes and structures of government, grounded in the understanding of constitutional government under the rule of law. This course covers topics including the foundations of the American Political Systems, founding documents, the rights and responsibilities of citizens, and other forms of government past and present.

**AP Government: American and Comparative**
- **Elective:** 12 (AP Level)
- **Length of Course:** Three trimesters
- **Fulfills Graduation Requirement for:** Government (replacement course for Government)
- **Weighted Grade**

AP Government is a college level course covering the basic principles and theories of government. The course will prepare students for further study of government and related fields. Topics include the American Political System, the rights and responsibilities of citizens, and the comparison of other forms of government in Britain, Russia, China, Iran and Nigeria. Passing the American Government and comparative government exams in the spring with a 3, 4 or 5 will earn students college credit at many colleges and universities.

**SOCIAL STUDIES ELECTIVES**

Students have the opportunity to pursue a choice elective within social studies topics. While there is no limit to the number of social studies electives a student may select, any of the courses below will meet the trimester requirement for social studies choice elective.
Psychology
- **Elective:** 11, 12
- **Length of Course:** One trimester
- **Fulfills Social Studies elective credit**

This course is designed to cover many of the basic concepts essential for an introductory Psychology course. The major focus of the course is to gain more knowledge of and interest in human behavior. Some of the topics in Psychology include: learning, personality, intelligence, memory, mental disorders, motivation and many others. If you are interested in finding out why people do the things they do, you will enjoy this course.

**AP Psychology**
- **Elective:** 11, 12 (AP Level)
- **Length of Course:** Three trimesters
- **Weighted Grade**
- **Fulfills Social Studies elective credit**

Advanced Placement (AP) Psychology is a challenging course that is meant to be the equivalent of an introductory college course in Psychology. Because students will prepare to take the AP Psychology exam for college credit in the spring, exams are emphasized in this course. The purpose of the AP course in Psychology is to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major sub-fields within Psychology. They also learn about the methods psychologists use in their science and practice.

**Practical Law**
- **Elective:** 11, 12
- **Length of Course:** One trimester
- **Fulfills Social Studies elective credit**

Practical Law provides an understanding of law and the legal system while improving students’ understanding of the fundamental principles and values underlying our Constitution. In addition, this course will promote awareness of current issues and controversies relating to law and the legal system, and will improve understanding of the roles that law, lawyers, law enforcement officers, and the legal system play in our society. Lastly, this course will provide exposure to the many vocational opportunities that exists within the legal system.

**Sociology**
- **Elective:** 11, 12
- **Length of Course:** One trimester
- **Fulfills Social Studies elective credit**

Sociology introduces the scientific study of human society, culture, and social interactions. The tools of sociological inquiry are applied to the study of contemporary social issues, and historical events. Some topics in Sociology include: culture, socialization, wealth and poverty, race and ethnicity, and gender. Students will learn how to apply sociological concepts to the interplay among individuals, groups, and societies.
History Through Film

- Elective: 11, 12
- Length of Course: One trimester
- Fulfills Social Studies elective credit

History Through Film examines history as depicted in Hollywood films. Films will be analyzed and evaluated in terms of legitimacy as a historical source. Students view movies on various topics and participate in discussions, explore evidence from more traditional sources such as articles, film reviews and critical commentaries.

Ethnic Studies

- Elective: 11, 12
- Length of Course: One trimester
- Fulfills Social Studies elective credit.

This Ethnic Studies course is designed to raise questions about the ways race/racism, cultures within the United States, sexual gender, language, religion, disabilities, economics, and ethnic identity shape our experiences. Why do our differences matter to the extent that they do? How do our personal experiences among these issues relate to the structure of our society? What level of understanding would it take to overcome our discomfort of differences? How have concerns for social justice and equity shaped the field of Ethnic Studies? In this course we will be reading a variety of academic and cultural text, which illustrate the inter-disciplinary of the work in Ethnic Studies. We will explore these issues through readings, discussions, lectures, films, short stories, music, and presenters. This course is designed to be an introductory course and have students begin to think critically about these topics.
An Individualized Education Planning (IEP) meeting involving parent(s)/guardian(s), the student and relevant school staff is conducted annually for all students with disabilities. The IEP team determines the courses, transition needs and graduation requirements for each student with disabilities.

Most students with disabilities will participate in general education classes and progress toward the standard requirements for graduation. Most students will also participate in district and statewide assessments and will be offered appropriate testing accommodations.

Students with more significant developmental, academic or behavioral needs may participate with modified or alternative curriculum and graduation requirements defined by their EIP team. Some students will work toward individual standards. Other students who are exempt from district and/or statewide assessments will participate in alternate assessment. The type and amount of special education support a student receives is determined by the student’s IEP.
# TECHNOLOGY EDUCATION

## Architecture and Construction Careers

<table>
<thead>
<tr>
<th>Course</th>
<th>Grades</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Mechanical Drafting</td>
<td>9, 10, 11, 12</td>
</tr>
<tr>
<td>Woods: Introduction</td>
<td>9, 10, 11, 12</td>
</tr>
<tr>
<td>Woods: Project Design</td>
<td>10, 11, 12</td>
</tr>
<tr>
<td>Woods: Construction 1</td>
<td>10, 11, 12</td>
</tr>
<tr>
<td>Woods: Building Trades</td>
<td>11, 12</td>
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## Communication Technologies Careers

<table>
<thead>
<tr>
<th>Course</th>
<th>Grades</th>
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<tbody>
<tr>
<td>Introduction to Photography</td>
<td>9, 10, 11, 12</td>
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<tr>
<td>Advanced Photography</td>
<td>10, 11, 12</td>
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<tr>
<td>Yearbook</td>
<td>10, 11, 12</td>
</tr>
<tr>
<td>Introduction to Videography</td>
<td>9, 10, 11, 12</td>
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<td>10, 11, 12</td>
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## Manufacturing Careers

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<tr>
<th>Course</th>
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<tr>
<td>Introduction to Robotics</td>
<td>9, 10, 11, 12</td>
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<tr>
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<td>10, 11, 12</td>
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<tr>
<td>Introduction to Metals</td>
<td>9, 10, 11, 12</td>
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<tr>
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<td>10, 11, 12</td>
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</tbody>
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## Transportation Careers

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<thead>
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<th>Course</th>
<th>Grades</th>
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<tbody>
<tr>
<td>Transportation: Auto</td>
<td>10, 11, 12</td>
</tr>
<tr>
<td>Transportation: Small Engines</td>
<td>10, 11, 12</td>
</tr>
<tr>
<td>AYES Discovery Academy: Autos</td>
<td>11, 12</td>
</tr>
<tr>
<td>Brakes – Discovery Academy</td>
<td>11, 12</td>
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<tr>
<td>Electrical &amp; Electronic Systems – Discovery Academy</td>
<td>11, 12</td>
</tr>
<tr>
<td>Steering &amp; Suspension – Discovery Academy</td>
<td>11, 12</td>
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<tr>
<td>Engine Performance – Discovery Academy</td>
<td>11, 12</td>
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</tbody>
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## Foundational Knowledge and Skills

<table>
<thead>
<tr>
<th>Course</th>
<th>Grades</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Lead the Way: Introduction to Engineering Design (IED)</td>
<td>10, 11, 12</td>
</tr>
<tr>
<td>Project Lead the Way: Principles of Engineering (POE)</td>
<td>10, 11, 12</td>
</tr>
</tbody>
</table>

CONTINUED ON NEXT PAGE
TECHNOLOGY EDUCATION

<table>
<thead>
<tr>
<th>Project Lead the Way: Engineering Design and Development (EDD)</th>
<th>12</th>
<th>PLTW: Engineering Design (IED)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Work Experience &amp; Employment</td>
<td>11, 12</td>
<td>See Work Experience Department</td>
</tr>
</tbody>
</table>

Technology Education is the use of engineering and manufacturing technology to make production faster, simpler and more efficient. The industrial technology field employs creative and technically proficient individuals who can help a company achieve efficient and profitable productivity. Technology Education includes instruction in hands-on creating and production, industrial processes, computer applications, and skills that lead to in-demand careers in the ‘trades.’

ARCHITECTURE AND CONSTRUCTION CAREERS

**Introduction to Mechanical Drafting**
- **Elective:** 9, 10, 11, 12
- **Length of Course:** One trimester

Introduction to Mechanical Drafting is an introductory course for those who are interested in Computer Drafting. Emphasis is placed on geometric construction, fundamentals of computer-aided drafting, and multi-view drawings. Creating real working 3D Models in the Inventor Software and Revit Software. Mechanical and Architectural Drafting will be touched on, to give students two possible pathways. Students will also gain real world application with the 3D Printers.

**Woods: Introduction**
- **Elective:** 9, 10, 11, 12
- **Length of Course:** One trimester
- **Required for all other Woods Classes**

This introductory course will focus on the safe and correct use of woodworking tools and machines. The students will design and build projects to gain the confidence and skill needed to safely use power and hand tools. Examples of projects built are: cutting boards, keepsake boxes, shelves, and couch table.

**Woods: Project Design**
- **Elective:** 10, 11, 12
- **Length of Course:** One trimester
- **Prerequisite:** Woods Introduction
- **Can be repeated**

This course will expand from Intro to Woods with a strong emphasis in cabinetry. The students will use advanced construction methods as used in industry. The students will design and build custom projects of their choice with the instructor permission. Projects might include hutches, dressers, tables, gun cabinets, night stands and any other wooden furniture.
Woods: Construction 1
• Grade 10, 11, 12
• Length of Course: One trimester (2-hour block)
• Prerequisite: Woods Introduction
• Can be repeated

In this course students have built storage sheds, playhouses, deer stands, or fish houses from the ground up. The students will learn about the aspects of construction from estimating, drawing, to the actual framing and finishing. Students will use laser levels and transits to learn how to layout and square up a building. The students will be working outside on projects and also learn about concrete principles. Basic wiring, plumbing, and heating systems are explored in this course. Several field trips are taken to actual construction sites.

Woods: Building Trades
• Grade 11, 12
• Length of Course: Three trimesters (1.5-hour block)
• Prerequisite: Woods Introduction
• Can be repeated (6 Credits)

This course covers all aspects of light frame construction while building a house. Topics include: site preparation, framing, roofing, sheathing, window and door installation, interior and exterior finishing, etc.

COMMUNICATION TECHNOLOGIES PATHWAY

Introduction to Photography
• Elective: 9, 10, 11, 12
• Length of Course: One trimester
• Meets the Art Standard

Students are encouraged to provide their own SD memory card for this course. In this course, students learn about the art and craft of great photography. Students will hone their professional eye to capture the greatest moments in nearly every situation and setting imaginable using DSLR cameras, and Adobe Photoshop software. Taking students both inside the photographer’s studio and out into the field, this course is a chance to learn, in a way anyone can grasp the basic insights and hidden secrets of photography.

Advanced Photography
• Elective: 10, 11, 12
• Length of Course: One trimester
• Prerequisite: Introduction to Photography
• Meets the Art Standard

Students are encouraged to provide their own SD memory card for this course. In this advanced course, students continue honing their art and craft of great photography. Students will use DSLR cameras and Adobe Photoshop software to create professional photographs.
Yearbook
• Elective: 10, 11, 12
• Length of Course: Three trimesters
• Meets the Art Standard

Students are encouraged to provide their own SD memory card for this course. In this advanced course, students will be able to utilize their technology skills by creating a professional and published yearbook for their school! Use your team to market your product to your peers through display of your work!

Introduction to Videography
• Elective: 9, 10, 11, 12
• Length of Course: One trimester
• Meets the Art Standard

Students are encouraged to provide their own SD memory card for this course. In this course, students will produce digital videos. Students will learn the concepts of storyboarding, journalistic writing, cinematography, camera work, graphics, and editing while using smart phones, HD video cameras, GoPro Cameras and Adobe Premiere Elements software. This course is a chance to learn, in a way anyone can grasp, the basic insights and hidden secrets of videography.

Advanced Videography
• Elective: 10, 11, 12
• Length of Course: One trimester
• Prerequisite: Introduction to Video
• Meets the Art Standard

Students are encouraged to provide their own SD memory card for this course. In this advanced course, students will produce high quality digital videos. Students will apply concepts of storyboarding, journalistic writing, cinematography, camera work, graphics, and editing while using smart phones, HD video cameras, GoPro Cameras and Adobe Premiere Elements software.

MANUFACTURING CAREERS

Introduction to Robots
• Elective: 9, 10, 11, 12
• Length of Course: One trimester

This course will introduce students to the world of robotics. Students will explore technologies related to robotic structure, power, mobility, communication, computer, sensory, and tooling systems. Students will explore the key aspects of robot technology through hands-on projects.

Advanced Robots
• Elective: 10, 11, 12
• Length of Course: One trimester
• Prerequisite: Introduction to Robotics

Students will problem solve by designing and constructing VEX robots for many hands-on challenges including obstacle courses, battle bots, and the Mars Simulation Missions. Students will explore the key aspects of robotic technology.
Introduction to Metals

- Elective: 9, 10, 11, 12
- Length of Course: One trimester

This course is an introduction to all things metal fabrication. Students will be introduced to welding, forming, heat treatment, and machining practices. Material identification and selection will also be covered as students build a variety of metal projects to be brought home. This is a great class if students are interested in engineering, design/fabrication, metallurgical engineering, metal art sculpture, or just want to sample the incredible world and career opportunities found in metals!

Advanced Metals

- Elective: 10, 11, 12
- Length of Course: One trimester
- Prerequisite: Introduction to Metals

This course is a continuation of Metals I. Students will have expanded instruction in the area of metal fabrication and design, machining process, and an introduction to CNC technology within manufacturing.

TRANSPORTATION CAREERS

Transportation: Auto- ”ACC”

- Elective: 10, 11, 12
- Length of Course: One trimester
- Articulated College Credit is given for this course

This course covers all the major systems of modern vehicles and general maintenance required. We will cover procedures for servicing vehicles, shop safety, and the use of service manuals and bulletins. Tools, equipment, and minor repairs or service will also be taught. A driver’s license is NOT required for this class.

Transportation: Small Engines

- Elective: 10, 11, 12
- Length of Course: One Trimester

This course is intended to offer entry level instruction and training in the areas of tool use, measurement, maintenance, diagnostics, personal and shop safety, theory, design and applications as they pertain to the subject of small internal combustion engines. Critical thinking and problem-solving skills would be demonstrated through completion of required projects, such as the disassembly and reassembly and successful running of a small gas engine.

AYES — Discovery Academy for Automotive (Advanced)

- Elective: 11, 12 - Discovery Academy Application Required
- Length of Course: Three Trimesters
- Prerequisite: Transportation: Auto

The AYES (Automotive Youth Education System) program is designed to give students the opportunity to learn firsthand the art of automotive repair and diagnosis. Lab activities will include diagnosis and repair of customer vehicle and also some donated vehicles from St. Cloud Technical and Community College (SCTCC). There are four main areas of study; Brakes, Chassis Electrical, Engine Performance, and Suspension and Steering/ Wheel Alignment. The classes are provided in conjunction with SCTC and are taught by ASE certified SCTCC instructors.
Brakes – Discovery Academy
• Grade 11, 12 (Fall semester)
• Length of Course: Three trimesters

A specific technical course designed to teach the principles of automotive hydraulic brake systems. This course builds on the essential laws of physics, motion, forces, hydraulics, thermo-dynamics, and chemical reactions and how these principles apply to the operation and diagnosis of automotive brake systems.

Electrical/Electronic Systems – Discovery Academy
• Grade 11, 12 (Spring semester)
• Length of Course: Three trimesters

A specific technical course designed to teach the principles of electricity and electronics and apply them to automotive systems. This course builds on the essential concepts and measurement of electrical parameters, such as voltage, current, resistance, power, magnetism, electromagnetism, and magnetic induction that the student has learned in earlier physics courses.

Engine Performance – Discovery Academy
• Grade 11, 12 (Spring semester)
• Length of Course: Three trimesters

A specific technical course designed to teach the principles of automotive engine performance and diagnosis. This course builds on the essential laws of physics, thermodynamics, and chemical reactions and teaches how these principles apply to the operation and diagnosis of engine performance systems.

Steering and Suspension – Discovery Academy
• Grade 11, 12 (Fall semester)
• Length of Course: Three trimesters

A specific technical course to teach the principles of automotive suspension /steering systems and 4-wheel suspension alignment. This course builds on the essential concepts of geometry, gear reduction, hydraulics laws, and characteristics of liquids and how they apply to the operation and diagnosis of power steering and suspension systems.

FOUNDATIONAL KNOWLEDGE AND SKILLS

PLTW: Introduction to Engineering and Design (IED)
• Elective: 10, 11, 12
• Length of Course: Three trimesters
• Meets the Art Standard

If you are considering a career in engineering, design, architecture, or any other related field, this course is a must. The class utilizes AutoDesk Inventor, 3-D modeling CAD software, to teach problem-solving skills. The curriculum emphasizes communication skills with presentations and teamwork. Activities, projects, and problem-based learning are all utilized. This class applies math and science and will give you a great skill set and experience in preparation for a successful career in engineering. College credit may be available upon successful completion of state exam.
PLTW: Principles of Engineering (POE)

- Elective: 11, 12
- Length of Course: One Year
- Prerequisite: Engineering Design (IED)
- College/University Credit Available (3 transcript credits)

This course is designed to help students understand the field of engineering and engineering technology. If you have an interest in engineering, but are unsure what kind of engineering, “POE” would be a great fit: this course is for you! A true engineering variety is taught in this course, including material science and testing, statics, robotic programming, projectile motion, mechanical design, hydraulics, and thermodynamics.

PLTW: Engineering Design and Development (EDD)

- Grade 11, 12
- Length of Course: Three trimesters
- Prerequisite: Engineering Design (IED)

The knowledge and skills students acquire throughout PLTW Engineering come together in EDD as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards. Students who succeed in developing a real solution could lead to opportunities of statewide and national recognition. College credit may be available upon successful completion of state exam.
World language study develops awareness of another culture and competency in another language which is valuable in any area of employment or college study.

Students are eligible to enroll in any of the languages offered by the World Language Department: American Sign Language, French, German, Mandarin Chinese and Spanish. College entrance requirements vary from one college to another, with 2 years being the most typical. Continuing to study a world language through third or fourth year (or higher) can increase your likelihood of being able to test out of college classes or test into higher level courses and receive retro college credits, saving tuition costs, like AP and post-secondary courses do.

If students are ready for a language course that is not listed as an elective for that grade, the student should talk to the instructor for approval.

**AMERICAN SIGN LANGUAGE**

**American Sign Language I**
- **Elective:** 9, 10, 11, 12
- **Length of Course:** Three trimesters

American Sign Language is a visual, gesture language used by members of the Deaf Community in the United States. ASL I study incorporates study of facial expressions, and body language. In ASL I, you will learn the basic skills necessary to communicate and interact within the Deaf Community. The material presented includes beginning ASL linguistics, Deaf Culture and exposure to Deaf Community members. Active participation is required.

**American Sign Language II**
- **Elective:** 10, 11, 12 (Level 1)
- **Length of Course:** Three trimesters
- **Prerequisite:** ASL I

ASL II students will learn new linguistic rules of ASL and more deaf culture. Focus is on classifier use in specific areas such as food, homes, and beginning storytelling. Work on pluralization of ASL nouns is presented, as well as opportunities to create ASL poetry. Active participation is required.

**American Sign Language III or IV**
- **Elective:** 11, 12
- **Length of Course:** Three trimesters
- **Prerequisite:** ASL II

ASL III students will be exposed to a variety of deaf, native signers. Students will do more real-life projects related to Deaf culture/community. Emphasized are appropriate classifier use, conditional clauses, and ASL storytelling. Sign Language III and IV will (possibly) be offered together (depending on enrollment numbers). Units of vocabulary study will alternate each year.
FRENCH

French I
  • Elective: 9, 10, 11, 12
  • Length of Course: Three trimesters
Thinking about taking French class? French is the official language of over 40 countries and territories and is found on every continent. In French I students will begin speaking, writing, listening, and reading in French in the present tense. There is an emphasis on vocabulary and basic conversational expressions, enhanced through the use of stories, videos, skits, songs, games, jokes, and cultural expressions. Students are encouraged to enroll as a freshman or sophomore to meet university entrance requirements.

French II
  • Elective: 10, 11, 12
  • Length of Course: Three trimesters
  • Prerequisite: French I

In French II, we will expand on the conversational skills developed in French I and will be introduced to the past and future tenses. Students will do a variety of activities including projects, acting, fashion, art, food, and group activities as they continue to study the French language & culture. Students will have the opportunity to travel to France and take a field trip to a French immersion camp.

French III
  • Elective: 11, 12
  • Length of Course: Three trimesters
  • Prerequisite: French II
  • (Availability of course based on student enrollment.)
  • Available Senior to Sophomore (S2S)

Becoming fluent in a foreign language can help students in just about any field. In French III, students will continue enhancing their conversational skills while increasing proficiency in the past, present, and future tenses to be able to communicate with native speakers. Topics may include photography, art, history, literature, music and modern civilization. Students may have the opportunity to travel to France and take a field trip to a French immersion camp, and/or take a trip to French-speaking Canada. It is possible to take this course and receive college credit through the Senior to Sophomore program with SCSU. Ask your teacher for more information.

French IV
  • Elective: 11, 12 (Level I)
  • Length of Course: Three trimesters
  • Prerequisite: French III
  • (Availability of course based on student enrollment.)
  • Available Senior to Sophomore (S2S)

French IV teaches students to improve their French proficiency by actively communicating and applying knowledge to real-life situations. Students who complete level IV should feel confident in their reading, writing, listening, and speaking capabilities. French IV will be conducted almost entirely in French and will place a strong emphasis on culture, government, social issues, and current events in French-speaking nations. Students may have the opportunity to travel to France, take a field trip to a French immersion camp, and/or take a trip to French-speaking Canada. It is possible to take this course and receive college credit through the Senior to Sophomore program with SCSU. Ask your teacher for more information.
German I

- **Elective: 9, 10, 11, 12**
- **Length of Course: Three trimesters**

Achtung! German is the most widely spoken language in the European Union and the second most commonly used scientific language in the world. In German I students will start speaking, writing, listening, and reading in German. The focus will be on present tense and basic conversation and vocabulary to build understanding of the language through games, stories, videos, skits, songs, projects, jokes, and cultural lessons. The past tense will also be introduced. German can help students stand out on college resumes and scholarship applications and is a gateway to higher education opportunities. Students may have the opportunity to host a German exchange student for two weeks, take a field trip to a German immersion camp (Waldsee at the Concordia Language Villages in Bemidji), visit the Festival of Nations and/or travel to Germany for three weeks through the German American Partnership programs. There is also a local and regional scholarship to study abroad available to German students. It may be possible to take this course as an independent study, ask the German teacher for more information.

German II

- **Elective: 10, 11, 12**
- **Length of Course: Three trimesters**
- **Prerequisite: German I**

Students continue to gain proficiency in listening, speaking, reading, and writing in German. Students will continue to learn basic vocabulary and grammar while expanding your proficiency in past and future tenses. Students will be asked to speak in conversational past and present in class and work on passion projects and other activities. German can help students stand out on college resumes and scholarship applications, it is a gateway to higher education opportunities!

German can help students stand out on college resumes and scholarship applications and is a gateway to higher education opportunities. Students may have the opportunity to host a German exchange student for two weeks, take a field trip to a German immersion camp (Waldsee at the Concordia Language Villages in Bemidji), visit the Festival of Nations and/or travel to Germany for three weeks through the German American Partnership programs. There is also a local and regional scholarship to study abroad available to German students. It may be possible to take this course as an independent study, ask the German teacher for more information.

German III or IV

- **Elective: 11, 12**
- **Length of Course: Three trimesters**
- **Prerequisite: German II / III**

This course will only be offered as an independent study. Please ask your German teacher for more information. Students will continue to master their proficiency in the language and work on cultural projects. German can help students stand out on college resumes and scholarship applications and is a gateway to higher education opportunities. Students may have the opportunity to host a German exchange student for two weeks, take a field trip to a German immersion camp (Waldsee at the Concordia Language Villages in Bemidji), visit the Festival of Nations and/or travel to Germany for three weeks through the German American Partnership programs. There is also a local and regional scholarship to study abroad available to German students. It may be possible to take this course as an independent study, ask the German teacher for more information.
Mandarin Chinese I
• Elective: 9, 10, 11, 12
• Length of Course: Three trimesters

Offering Mandarin Chinese as a world language will prepare students for a global economy, build 21st Century skills, increase global and cultural awareness, and bridge immersion and non-immersion students and build on community partnerships. We will be partnering with St. Cloud State University and the Confucius Institute.

Mandarin Chinese II
• Grade 10, 11, 12
• Length of Course: Three trimesters
• Prerequisite Mandarin Chinese I

In Mandarin Chinese II, students will expand on their knowledge gained in Chinese I and will continue to learn about Chinese language and culture. Students will improve their proficiency in listening, speaking, reading and writing Chinese. Vocabulary and conversational Chinese will be learned by using stories, videos, games and practice!

Mandarin Chinese III
• Elective: 11, 12
• Length of Course: Three trimesters
• Prerequisite: Mandarin Chinese II

In Chinese III, students will expand on their knowledge gained in Chinese II and will continue to learn about Chinese language and culture. Students will improve their proficiency in listening, speaking, reading and writing Chinese. Vocabulary and conversational Chinese will be learned by using stories, videos, games and practice.

Mandarin Chinese IV
• Elective: 12
• Length of Course: Three trimesters
• Prerequisite: Mandarin Chinese III

In Chinese IV, students will expand on their knowledge gained in Chinese IV and will continue to learn about Chinese language and culture. Students will improve their proficiency in listening, speaking, reading and writing Chinese. Vocabulary and conversational Chinese will be learned by using stories, videos, games and practice.

Apollo Immersion Chinese 9
• Elective: 9
• Length of Course: Three trimesters
• Prerequisite: Chinese Immersion Grade 8

In Chinese 9 (Immersion), students will expand on their knowledge gained in the Chinese Immersion program and will continue to learn about Chinese language and culture. Students will improve their proficiency in listening, speaking, reading and writing Chinese. HSK vocabulary, as well as the World Language
Apollo Chinese 10: AP Chinese Language and Culture
- Elective: 10
- Length of Course: All Year
- Prerequisite: Completion of 9th grade Chinese Immersion OR high proficiency results on 8th grade STAMP

The AP Chinese Language and Culture course prepares students to demonstrate their level of Chinese proficiency across the three communicative modes (Interpersonal, Interpretive, and Presentational) and the five goal areas: communication, cultures, connections, comparisons and communities. Students will have ongoing and varied opportunities to further develop their language proficiency as well as develop their global competency. Teachers plan and implement activities that focus on language proficiency while interweaving cultural content. Frequent formative assessment is used to drive instruction.

SPANISH

Spanish I
- Elective: 9, 10, 11, 12
- Length of Course: Three trimesters

Learn the language that has become one of the most widely spoken languages in the world. 21 countries have Spanish as their official language. Spanish I is an introduction to the Spanish language with emphasis on the development of basic communicative skills (speaking, listening, reading, writing) and grammatical structures. Begin with the basics, like the alphabet, numbers, greetings, and end with everything needed to communicate in a tourist market abroad! Students are also introduced to various aspects of Hispanic culture in Latin American countries.

Spanish II
- Elective: 10, 11, 12
- Length of Course: Three trimesters
- Prerequisite: Spanish I

In Spanish II, students will continue on the journey towards proficiency in Spanish. Students will review and expand upon their Spanish I knowledge through listening, speaking, reading and writing in Spanish. In addition, students will begin to develop cultural awareness of various Spanish-speaking countries. Students will learn to communicate experiences in the past, present and future on a variety of topics. Students will have the opportunity to communicate in real and practical situations. Upon completing the second level, students will have a good foundation for future language study. Students completing Spanish II may have the opportunity to travel to a Spanish-speaking country.

Spanish III
- Elective: 11, 12
- Length of Course: Three trimesters
- Prerequisite: Spanish II
- Available Senior to Sophomore (S2S)

This is the year for students to make the transition from a beginning to intermediate level Spanish speaker. Students will continue to build their skills acquired in Spanish I and II. The skills in reading, writing, listening and speaking will continue to be stressed as students participate in Spanish conversations narrate and read short stories and interpret authentic materials. Students will continue to learn about the different cultures of Spanish-speaking countries. It is possible to take this course at Apollo and receive college credit through the Senior-to-Sophomore program with SCSU. Ask your teacher for more information,
Spanish IV/Pre AP

- Elective: 11, 12
- Length of Course: Three trimesters
- Prerequisite: Spanish III
- Available Senior to Sophomore (S2S)

Students will improve their skills as an intermediate-level Spanish-speaker. In this course, students will work towards perfecting their skills of listening, reading, speaking and writing in Spanish. Class activities will expand on students’ knowledge of vocabulary and grammar concepts while providing opportunities to work with authentic materials and apply language skills to real-life situations. Cultural insights and information will help students understand and appreciate Spanish-speaking people and cultures. After the fourth level of study students are very well prepared for college level language classes and may be able to test into more advanced courses! Students enrolled in Spanish IV may take a field trip and will be eligible to travel on study abroad programs to Spanish speaking countries! For students who qualify, credit is available at SCSU through the Senior to Sophomore program for the SPAN 201 course.

Spanish V/AP Spanish Language and Culture

- Elective: 11, 12 (AP Level)
- Length of Course: Three trimesters
- Prerequisite: Spanish IV/Pre AP

An AP Spanish Language course is comparable to a 300 level (5th and 6th semester) college Spanish language course. Emphasizing the use of Spanish for active communication, it encompasses speaking skills, reading comprehension, grammar, and composition. In this course, special emphasis is placed on the use of authentic source materials and the integration of language skills. Therefore, students will receive extensive training in combining listening and reading skills with writing and speaking skills in order to demonstrate understanding of authentic Spanish-language source materials. The rigor of this course requires a higher level of academic experience, maturity, and dedication. Students may finish the year by taking the AP Spanish Language exam, through which college credit may be earned. Students enrolled in AP Spanish may take a field trip and will be eligible to travel on study abroad programs to Spanish speaking countries!
The teacher and students will use Spanish almost exclusively in this course.

Tech Spanish VI/AP Spanish Literature and Culture

- Elective: 11, 12
- Length of Course: Three trimesters
- Prerequisite: AP Spanish Language & Culture and a minimum of a 3 or better on AP Language & Culture exam

The AP Spanish Literature and Culture course uses a thematic approach to introduce students to representative texts (short stories, novels, poetry, and essays) from Peninsular Spanish, Latin American, and United States Hispanic literature. Students continue to develop proficiencies across the full range of the modes of communication (interpersonal, presentational, and interpretive), honing their critical reading and analytical writing skills. Literature is examined within the context of its time and place, as students reflect on the many voices and cultures present in the required readings. The course also includes a strong focus on cultural connections and comparisons, including exploration of various media (e.g., art, film, articles, and literary criticism). The rigor of this course requires a higher level of academic experience, maturity, and dedication. Students may finish the year by taking the AP Spanish Literature and Culture exam; college credit may be earned.
Spanish For Native Speakers

- Elective: 9, 10, 11, 12
- Length of Course: Three trimesters
- Prerequisite: Students are identified as heritage or native Spanish speakers through Skyward System as well as by instructor or counselor recommendation.

The purpose of this year long world languages course is to enrich and expand native Spanish-speaking students’ abilities in speaking, reading, writing, listening and cultural understanding in Spanish. This course offers Spanish-speaking students an opportunity to study Spanish formally in an academic setting in the same way that native English-speaking students study English language arts. Students develop strategic Spanish academic vocabulary, learning to critically analyze a text, write poetry and discourse, and acquire new information in different academic content areas. For native speakers to maintain the language, a formal study of Spanish needs to occur with instructional goals focusing on grammar, reading and writing, vocabulary development, exposure to the language and culture and its communities, and consciousness-raising activities about Spanish language and identity.
SPECIAL PROGRAMS

AP Capstone and AP Research
• Grade 10, 11
• Length of Course: Three trimesters each
• AP Seminar is a prerequisite for AP Research

These year-long classes, AP Seminar and AP Research, are designed to help promote critical thinking, research and collaboration on topics of interest to students. The course goal is to develop the necessary writing, researching, and collaboration skills necessary for success in college classes.

• AVID is an elective course option open to students in grades 9-11 through an application process.

AVID (Advancement Via Individual Determination)
• Grade 9, 10
• Prerequisite: Selection process

This year-long elective course is the next step of a four-year college preparatory program. It will build on your middle school AVID Elective Class. Students will improve their WICOR (writing, inquiry, collaboration organization & reading), time management, and self-awareness skills. They will participate in tutorials, as well as a wide variety of academic goal-setting and personal development activities to increase their awareness of their personal contributions to their learning. Students will conduct research on colleges and careers. Coursework will include an emphasis on analytical writing, career and college research, and team building. Students will work in collaborative settings, participating in collegial discussions through Socratic Seminars and Philosophical Debates. Finally, students will prepare for and participate in college entrance and placement exams, while refining study skills and test-taking, note-taking, and research techniques.

AVID Junior/Senior Seminar
• Grade 11, 12
• One Year Prerequisite: AVID 10th, 11th, or selection process

Course Description: The AVID Seminar for the junior and senior years prepares students for entrance into four-year colleges by emphasizing analytical writing, preparation for college entrance and placement exams, college study skills, oral language development, note taking, and research. Seminar students are expected to participate in, and eventually act as moderators for, Socratic Seminars. In addition, students are required to make oral presentations to the class on topics related to career searches, contemporary issues, and social concerns, all the while focusing on a culminating senior paper, portfolio, and/or project. It is recommended students complete at least one year of AVID elective in previous years.
Elementary Teacher Assistant
Course Description: The AVID course is an elective class for students who are college-bound. The AVID curriculum focuses on writing, inquiry, collaboration and reading (WICR) through the AVID High School curriculum in both teacher and tutor-led activities. While concurrently enrolled in a college-prep course of study, students learn strategies to enhance success. Note-taking, outlining, writing, speaking, reading, test-taking strategies, and self-awareness are stressed. In addition, the course includes college motivational activities and intensive preparation for ACT and other college entrance exams.

- **Grade 11, 12**
- **Two-hour block (6 Credits)**

This program is designed as an opportunity for students to assist in an elementary classroom for a full year under the supervision of an elementary teacher. Students will gain experience and develop skills in working with children. This course is ideal for students who are interested in working with children as a career choice. Each student will be assigned to an elementary school for two hours a day, earning two credits for each trimester.

Guidance Office Aide
*Grade 11, 12*

*Length of Course: One trimester*

This program is available for students wishing to improve their office skills. Duties include filing, writing passes, collating and tasks needed by guidance staff. Prior approval must be given before you can register. A grade of S/U will be given for this course.

Learning Resource Center Assistant
- **Grade 11, 12**
- **Length of Course: One trimester**
- **Limit two students per class period**

This program is available to students who wish to develop work habits important in the job market. Duties include shelving books, shelf reading, cleaning, and delivering materials. Students will learn the importance of being on time, following directions, working with a variety of people, organizing, and following through on a given task. You must get prior approval from the person who will supervise you. A grade of S/U will be given for this course.

Peer Tutoring
- **Grade 11, 12**
- **Length of Course: One trimester**

Reach-out and help a friend. Tutors provide an individualized learning situation for other students in grades 9-12. The course includes training in tutorial skills and periodic group meetings with the coordinator. Tutors may also be involved in using their ingenuity in preparing tutorial materials. Tutoring sessions are supervised in the learning resource center. Good tutors must desire to work with other students by sharing study skills; having a positive caring attitude; and desire to want to help others feel good about themselves. School service credits may be earned in the area of peer tutoring. Peer tutors need to have a strong academic background and have the motivation to be an effective tutor. Students are expected to work one class period a day, five days a week for an entire semester in order to earn one credit. Students who are interested in becoming a peer tutor will need to complete an application in order to be considered for the program. A letter grade will be given for this course.
**Student Services Office Aide**
- Grade 11, 12
- Length of Course: One trimester

This program is available for student wishing to improve their practical work experiences. Office duties include filing; writing passes, delivering passes to students and other duties as assigned by the student affairs office staff. The assigned work is done under the supervision of the SSO staff. Prior approval must be given before you can register. A grade of S/U will be given for this course.

**Teacher’s Aide**
- Grade 11, 12
- Length of Course: One trimester

This program is available for students wishing to improve their skills in a specific subject area by assisting teachers and students through practical work experience. The work assigned will always be under the supervision of the host teacher and prior approval from that teacher must be given before you can register. A grade of S/U will be given for this course.