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## Course Descriptions and Standards

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A vital, thriving community requires prepared, engaged citizens. With the help of the Greater St. Cloud Development Corporation, St. Cloud Area Schools (SCAS) created an innovative partnership with local businesses, higher education, and community organizations to ensure our students have the skills and experience necessary to be successful in their lives after high school.

These partners include:
- Boys & Girls Club of Central Minnesota
- Career Solutions
- CentraCare
- Central McGowan
- Filsan Talent Partners
- GeoComm
- GREAT Theater
- Greater St. Cloud Development Corporation
- McDowell Companies
- Park Industries
- Partner For Student Success
- Preferred Credit Inc.
- Rinke Noonan
- Saint Cloud Community and Technical College
- Saint Cloud State University, Career Center and Education Department
- Stearns County Commissioner
- United Way

This team, along with SCAS administration and staff, have met regularly since Fall 2019 to discuss how well our current curricula prepares students for 21st Century careers and college matriculation and graduation. We have also partnered to develop a vision for a career pathways program at the high school level.

As a result of this work, District 742 has implemented several new initiatives. We now ask all ninth-grade students to take EPIC, our year-long, hands-on exploration of careers and have made more intentional and efficient the processes for career and college support.

This team has pledged to support our nascent Career Pathways programs. Currently, we are developing a three-year implementation plan in which high school courses are aligned to Career Pathways and local employers provide mentors, teacher education, and micro-internships. This work could not happen without community partnership, and we are grateful for their support.

As you and your scholar use the information in this book to make course selections, please take note of the ways each class aligns with a variety of career and college opportunities. We are committed to providing a rigorous, relevant education that fully prepares students to pursue their post-high school hopes and ambitions.

If you have any questions, please contact your principal or me. We appreciate our families’ on-going support and partnership.

Willie Jett, Superintendent
Laurie Putnam, Assistant Superintendent of Secondary Schools
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.

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.
CAREER AND COLLEGE READY SKILLS

Career and college ready skills are a core set of skills needed to be ready for work and college. The center of the career pathways wheel shows necessary knowledge and foundation skills that are important to every person regardless of future occupation.

CAREER FIELDS

Career areas are divided into six broad categories called Career Fields. Each Career Field contains careers that are similar to each other. By placing the careers in fields, students are able to see many options that may be of interest to them. The list of careers on the Career Fields picture (above) is by no means comprehensive but does help students select courses that will help them explore various careers of interest to them.

Each colored section represents a Career Field with the name of the field listed at the top of the section. There are six (6) Career Fields.

- “Agriculture, Food, and Natural Resources” Career Field is in green
- “Art, Communication, and Information Systems” Career Field is in purple
- “Engineering, Manufacturing, & Technology” Career Field is in orange
- “Health Science Technology” Career Field is in red
- “Human Services” Career Field is in blue
- “Business, Management, & Administration” Career Field is in yellow

CAREER CLUSTERS

Underneath the six career fields are sixteen career clusters (e.g. “Marketing” in the Business, Management, & Administration field). Careers with the same knowledge and skills are grouped in the same cluster.

CAREER PATHWAYS

A career pathway has its own knowledge and skill requirements. Educational programs can be developed around each pathway. They include courses and curriculum that helps learners prepare for a career. Career pathways show learners of all ages which courses will give them the specific knowledge, skills, and abilities needed to pursue their career choice. Courses in District 742 high schools are aligned to programs of study and help students as they pursue college and university certificates, diploma, and degree programs.
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:

- AP American Government (2 exams)
- AP Calculus BC
- AP Computer Science A
- AP English Language and Composition
- AP Music Theory
- AP Spanish Language
- AP Studio Art
- AP Biology
- AP Capstone
- AP Computer Science Principles
- AP English Literature and Composition
- AP Physics (4 exams)
- AP Spanish Literature
- AP US History
- AP Calculus AB
- AP Chemistry
- AP Economics (2 exams)
- AP Human Geography
- AP Psychology
- AP Statistics
- AP World History
- AP Chinese

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.

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 and 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 referenced 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 referenced 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:

- Transportation: Automotive
- Anatomy
- Digital Foundations
- Digital Literacy
- General Business
- Personal Finance
- Business Law 1 & 2
- Health Care Core
- Medical Terminology
- Certified Nursing Assistant
- PLTW: Principles of Engineering
- PLTW: Intro to Engineering Design
- Metals: Intro
- Metals: Advanced
- Project Design Woods

**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

Only courses that appear on your high school’s list of NCAA core courses will count toward the 16 core-course requirement; visit eligibilitycenter.org/courseclist 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.

<table>
<thead>
<tr>
<th>COURSE</th>
<th>YEARS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLISH</td>
<td>4</td>
</tr>
<tr>
<td>MATH (Algebra I or higher)</td>
<td>3</td>
</tr>
<tr>
<td>NATURAL/PHYSICAL SCIENCE (including one year of lab, if offered)</td>
<td>2</td>
</tr>
<tr>
<td>ADDITIONAL (English, math or natural/physical science)</td>
<td>1</td>
</tr>
<tr>
<td>SOCIAL SCIENCE</td>
<td>2</td>
</tr>
<tr>
<td>ADDITIONAL COURSES (any area listed to the left: foreign language or comparative religion/philosophy)</td>
<td>4</td>
</tr>
</tbody>
</table>

DIVISION II

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

<table>
<thead>
<tr>
<th>COURSE</th>
<th>YEARS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLISH</td>
<td>3</td>
</tr>
<tr>
<td>MATH (Algebra I or higher)</td>
<td>2</td>
</tr>
<tr>
<td>NATURAL/PHYSICAL SCIENCE (including one year of lab, if offered)</td>
<td>2</td>
</tr>
<tr>
<td>ADDITIONAL (English, math or natural/physical science)</td>
<td>3</td>
</tr>
<tr>
<td>SOCIAL SCIENCE</td>
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</tr>
<tr>
<td>ADDITIONAL COURSES (any area listed to the left: foreign language or comparative religion/philosophy)</td>
<td>4</td>
</tr>
</tbody>
</table>

GRADE-POINT AVERAGE

The NCAA Eligibility Center calculates your grade-point average based only 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 test scores at ncaac.org/test-scores.

TEST SCORES

You may take the SAT or ACT an unlimited number of times before you enroll full time in college. Every time you register for the SAT or ACT, use the NCAA Eligibility Center code 9999 to send your scores directly to us from the testing agency. We accept official scores only from the ACT or SAT, and won’t use scores shown on your high school transcript. If you take either test more than once, the best subscore from different tests are used to give you the best possible score.
HIGH SCHOOL TIMELINE

9TH GRADE
- Plan
- Start planning now!
  - Take the right courses and earn the best grades possible.
  - Find your high school's list of NCAA-approved core courses at eligibilitycenter.org/courselist.
  - Sign up for a free Profile Page at eligibilitycenter.org for information on NCAA requirements.

10TH GRADE
- Register
- If you fall behind academically, ask your counselor for help finding approved courses you can take.
  - Register for a Profile Page or Certification Account with the NCAA Eligibility Center at eligibilitycenter.org.
  - Monitor your Eligibility Center account for next steps.
  - At the end of the year, ask your counselor at each high school or program you attended to upload your official transcript to your NCAA Eligibility Center account.

11TH GRADE
- 4 X 4 = 16
- How to plan your high school courses to meet the 16 core-course requirement:
  - 9TH GRADE
    - (1) English
    - (1) Math
    - (1) Science
    - (1) Social Science
    - and/or additional
    - 4 CORE COURSES
  - 10TH GRADE
    - (1) English
    - (1) Math
    - (1) Science
    - (1) Social Science
    - and/or additional
    - 4 CORE COURSES
  - 11TH GRADE
    - (1) English
    - (1) Math
    - (1) Science
    - (1) Social Science
    - and/or additional
    - 4 CORE COURSES
  - 12TH GRADE
    - (1) English
    - (1) Math
    - (1) Science
    - (1) Social Science
    - and/or additional
    - 4 CORE COURSES

12TH GRADE
- Complete your final NCAA-approved core courses as you prepare for graduation.
  - Take the ACT or SAT again, if necessary, and submit your scores to the NCAA Eligibility Center using code 9999.
  - Request your final amateurism certification beginning April 1 (fall enrolees) or Oct. 1 (winter/spring enrolees) in your NCAA Eligibility Center account at eligibilitycenter.org.
  - After you graduate, ask your counselor to upload your final official transcript with proof of graduation to your NCAA Eligibility Center account.
  - Reminder: Only students on an NCAA Division I or II school's institutional request list will receive a certification.

For more information: ncaa.org/playcollegesports | eligibilitycenter.org
Search Frequently Asked Questions: ncaa.org/studentfaq
Follow us: @NCAAECE | @playcollegesports | @ncaaec

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# Test Scores

If a student plans to attend an NCAA Division I college or university in the 2019-20 or 2020-21 academic years, use the following charts to understand the core-course GPA he or she will need to meet NCAA Division I requirements. A combined SAT score is calculated by adding critical 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 subscores from each test are used for the academic certification process.

When a student registers for the SAT or ACT, he or she can use the NCAA Eligibility Center code of 9999 to send their scores directly to the NCAA Eligibility Center from the testing agency. Test scores on transcripts CANNOT be used in an academic certification.

## Division I Full Qualifier Sliding Scale

<table>
<thead>
<tr>
<th>Core GPA</th>
<th>SAT*</th>
<th>ACT Sum*</th>
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<tbody>
<tr>
<td>3.550</td>
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<td>3.525</td>
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<tr>
<td>2.775</td>
<td>800</td>
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*Final concordance research between the new SAT and ACT is ongoing.
District 742 Approved NCAA Courses
If not approved at one high school, it will be 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
Ethnic Studies
Geography
Practical Law
Psychology
Sociology
US History
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)
Biology AP (lab)
Chemistry (lab)
Chemistry AP (lab)
Environmental Science (lab)
Human Biology (lab)
Physics (lab)
AP Physics 1 (lab)
AP Practical Chemistry (lab)
AP Practical Physics (lab)
Science 9 (lab)
District 742 Graduation Requirements

MINIMUM CREDIT REQUIREMENTS

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<th>TRIMESTERS</th>
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<td>English</td>
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<td>PE/Health</td>
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<td><strong>MINIMUM TOTAL CREDITS</strong></td>
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College entrance requirements exceed these minimums. Please see page 3 for suggestions for programs of study determined by post high school plans.

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 Trimesters EPIC
- 3 Trimesters Electives

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

**ELEVENTH GRADE**
- 3 Trimesters Language Arts 11
- 3 Trimesters U.S. History
- 3 Trimesters Mathematics
- 3 Trimesters Science (Chemistry or Physics)

Up to 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 Health
- 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.
District 742 Four-Year Plan

My present career plans after high school graduation is: _________________________________________

TOTAL CREDITS 9-12

Required subjects for each grade 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.

### 9th Grade

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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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Students are encouraged to take the EPIC courses as one of their electives.

**ART**
- Art Fundamentals A (1 cr.)
- Art Fundamentals B (1 cr.)
- 2D Art I (1 cr.)
- 3D Art I (1 cr.)

**AVID**
- AVID 9 (Application process)

**BUSINESS AND COMPUTER SCIENCES**
- General Business (1 cr.)
- Personal Finance (1 cr.)
- Accounting (1 cr.)
- Web Design (1 cr.)
- Coding 1 (1 cr.)
- Coding 2 (1 cr.)
- Coding 3 (1 cr.)
- Digital Foundations (1 cr.)
- Digital Literacy (1 cr.)

**EPIC**
- EPIC BECA (1 cr.)
- EPIC HHH (1 cr.)
- EPIC MENR (1 cr.)

**FAMILY AND CONSUMER SCIENCES**
- Food Preparation Fundamentals (1 cr.)
- Child and Human Development (1 cr.)
- Fashion and Apparel Design (1 cr.)

**HEALTH SCIENCES**
- Project Lead the Way: Principles of Biomedical Sciences (1 cr.)

**MUSIC**
- Beginning Band (3 cr.)
- Concert Band (3 cr.)
- Symphonic Band (3 cr.)
- Tenor/Bass Choir (3 cr.)
- Treble Choir (3 cr.)
- Mixed Choir (3 cr.)
- Beginning Orchestra (3 cr.)
- Concert Orchestra (3 cr.)
- Guitar I (1 cr.)
- Guitar II (1 cr.)
- Guitar III (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.)

**PHYSICAL EDUCATION/HEALTH 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.)

**SOCIAL STUDIES**
- AP Human Geography

**TECHNOLOGY EDUCATION**
- Intro to Mechanical Drafting (1 cr.)
- Woods: Introduction (1 cr.)
- Introduction to Photography (1 cr.)
- Introduction to Videography (1 cr.)
- Introduction to Robotics (1 cr.)
- Introduction to Metals (1 cr.)

**WORLD LANGUAGES AND CULTURES**
- American Sign Language I (3 cr.)
- French I (3 cr.)
- German I (3 cr.)
- Mandarin Chinese I (3 cr.)
- Spanish I (3 cr.)
- Spanish II (3 cr.)
- Spanish for Native Speakers (3 cr.)
- Somali for Native Speakers (3 cr.)
# 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 Design (1 cr.)
- Coding 1 (1 cr.)
- Coding 2 (1 cr.)
- Coding 3 (1 cr.)
- AP Computer Science A (3 cr.)
- AP Computer Science Principles (3 cr.)

## EPIC
- EPIC BECA (1 cr.)
- EPIC HHH (1 cr.)
- EPIC MENR (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
- Beginning Band (3 cr.)
- Concert Band (3 cr.)
- Symphonic Band (3 cr.)
- Wind Ensemble (3 cr.)
- Tenor/Bass Choir (3 cr.)
- Treble Choir (3 cr.)
- Mixed Choir (3 cr.)
- Concert Choir (3 cr.)
- Beginning Orchestra (3 cr.)
- Concert Orchestra (3 cr.)
- Symphony Orchestra (3 cr.)
- Guitar I (1 cr.)
- Guitar II (1 cr.)
- Guitar III (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/HEALTH 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.)
- Advanced Strength Training and Conditioning (1 cr.) <br> (Instructor approval required)
- Lifeguard Training (1 cr.) <br> (Tech only)

## 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 1 (2 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 III (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 Design (1 cr.)
Coding 1 (1 cr.)
Coding 2 (1 cr.)
Coding 3 (1 cr.)
AP Computer Science A (3 cr.)
AP Computer Science Principles (3 cr.)
Digital Foundations (1 cr.)
Digital Literacy (1 cr.)

EPIC
EPIC BECA (1 cr.)
EPIC HHH (1 cr.)
EPIC MENR (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.)
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.)

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
Beginning Band (3 cr.)
Concert Band (3 cr.)
Symphonic Band (3 cr.)
Wind Ensemble (3 cr.)
Tenor/Bass Choir (3 cr.)
Treble Choir (3 cr.)
Mixed Choir (3 cr.)
Concert Choir (3 cr.)
Beginning Orchestra (3 cr.)
Concert Orchestra (3 cr.)
Symphony Orchestra (3 cr.)
Guitar I (1 cr.)
Guitar II (1 cr.)
Guitar III (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/HEALTH 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.)
Advanced Strength Training and Conditioning (1 cr.)
Lifeguard Training (1 cr.)

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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.)

WORK BASED LEARNING
Work Experience/Employment Skills (up to 9 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.)
Somali 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.)
- Business Law 2 (Contract Law) (1 cr.)
- Web Design (1 cr.)
- Coding 1 (1 cr.)
- Coding 2 (1 cr.)
- Coding 3 (1 cr.)
- AP Computer Science A (3 cr.)
- AP Computer Science Principles (3 cr.)
- Digital Foundations (1 cr.)
- Digital Literacy (1 cr.)

**EPIC**
- EPIC BECA (1 cr.)
- EPIC HHH (1 cr.)
- EPIC MENR (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.)
- 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 (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.)
- Popular Literature (1 cr.)
- Short Story Literature (1 cr.)
- Science Fiction (1 cr.)
- Humanities (1 cr.)
- Visual Literacy (1 cr.)
- Professional Writing (1 cr.)
- Creative Writing (1 cr.)
- Speech (1 cr.)
- Debate/Argumentation (1 cr.)
- Mass Media (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**
- Beginning Band (3 cr.)
- Concert Band (3 cr.)
- Symphonic Band (3 cr.)
- Wind Ensemble (3 cr.)
- Tenor/Bass Choir (3 cr.)
- Treble Choir (3 cr.)
- Mixed Choir (3 cr.)
- Concert Choir (3 cr.)
- Beginning Orchestra (3 cr.)
- Concert Orchestra (3 cr.)
- Symphony Orchestra (3 cr.)
- Guitar I (1 cr.)
- Guitar II (1 cr.)
- Guitar III (1 cr.)
- History of Rock and Roll (1 cr.)
- Introduction to Drummimg (1 cr.)
- Introduction to World Music (1 cr.)
- Music Exploration (1 cr.)
- Songwriting (1 cr.)
- AP Music Theory (1 cr.)

**PHYSICAL EDUCATION/HEALTH 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.)
- Advanced Strength Training and Conditioning (1 cr.)
- Lifeguard Training (1 cr.)

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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 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 (3 cr.)
Project Lead the Way: Principles of Engineering (3 cr.)
Project Lead the Way: Engineering Design and Development (3 cr.)

WORK BASED LEARNING
Work Experience/Employment Skills (up to 9 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 VI/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 the world around us. Students will begin to understand the fundamentals of the 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 pathway. 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 a 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, in stead 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 a 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.
AVID (Advancement Via Individual Determination) Elective Program

Advancement Via Individual Determination (AVID) is a nationally recognized program that supports students who have shown academic promise, but would benefit from additional preparation for college success. AVID students develop a community of support for one another as they navigate advanced and PSEO classes through AVID Tutorials. Students gain academic skills and are supported in their other courses by the AVID teacher, AVID tutors and their AVID peers.

AVID Elective curriculum emphasizes WICOR writing, inquiry, collaboration, organization and reading. AVID Elective students spend two hours per week building skills necessary for success in college including writing, note taking, research and study skills. Another two hours each week consist of tutor-led study groups designed to support AVID students in college prep coursework. One hour a week is focused on team building and motivational activities.

AVID Elective Students typically stay in AVID throughout high school. AVID targets academically promising students (GPA of 2.0-3.5) and places them in rigorous courses while supporting them through the AVID elective. AVID students can expect:

1. instruction and guidance in developing skills and behaviors for academic success
2. intensive support through tutorials and strong student/teacher relationships
3. a positive peer group opportunities for experiences and leadership outside of the academic school day
4. a sense of personal pride and achievement gained through hard work and determination

AVID (Advancement Via Individual Determination) Elective 9 Prerequisite: Application & Interview

Process

The AVID curriculum focuses on writing, inquiry, collaboration and reading (WICOR) 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. Students will focus on learning and applying AVID strategies including Focused note taking, organizational and time-management skills, critical reading strategies, goal-setting, career/college exploration, and discussion and inquiry skills.

AVID (Advancement Via Individual Determination) Elective 10 Prerequisite: Application & Interview

Process

The AVID curriculum focuses on writing, inquiry, collaboration and reading (WICOR) 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. This course is the second step of a four-year college preparatory program. Students will build upon AVID basics, research colleges & careers, and work on self-awareness and personal development.
AVID (Advancement Via Individual Determination) Elective 11  
Prerequisite: Application & Interview
Process
The AVID Seminar for the junior year 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 the previous year. This course is the 3rd step of a four-year college prep program. Students will build upon and refine AVID basics, choose colleges, and begin gathering documents for the impending college and financial aid application process.

AVID (Advancement Via Individual Determination) Elective 12  
Prerequisite: Application & Interview
Process
The AVID Seminar for the senior year 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 the previous year. This course is the fourth step of a four-year college preparatory program. Students will refine AVID basics, write college admissions essays, take college placement examinations, apply for financial aid, and apply to colleges.
The purpose of business 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.

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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/police 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 yourself. This course may include a courtroom observation field trip.

INFORMATION TECHNOLOGY

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

Programmers who create web pages are in high demand. In this course, you will learn the programming languages of the web: HTML and CSS. You will also apply best practices in responsive web design to create your own, real web pages.

Coding 1
- Elective: 9, 10, 11, 12
- Length of Course: One trimester
- Suggested 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. Programming is different from using programs or applications that someone else has written. You are the creator or author of the program. You will learn the commands and fundamental programming structures needed to write programs. No prior experience required. You may follow this course with Coding 2.
Coding 2
- Elective: 9, 10, 11, 12
- Length of Course: One trimester
- Prerequisite: Coding 1

Computer programmers are among the highest paid, most demanded professionals today. In this course we will be adding on to what you have learned in Coding 1. You will learn organizational structures for larger programs and create more complex applications.

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 programming with JavaScript.

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

You will be creating Windows applications. Previous programming experience is required (preferably Coding 1, 2, & 3). Java is a widely used programming language today. Java is used for the course software. This is an introductory course to Java. Most course work is independent.

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

This is a full-year course covering several aspects of computing. It is the equivalent of a college-level introductory computer science course. Topics covered include the internet, digital information, programming, big data, privacy, security, and app design. No computer science background necessary!
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 computers; and the historical development of computers.

WORK BASED LEARNING

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.
ENGLISH LEARNER

Students who qualify for Multilingual Learner (ML) services receive English Language Development (ELD) elective classes aligned with the MN English Language Development Standards in a variety of options. Student placement is determined by their WIDA English Language Proficiency level (ELP), Average Daily Membership (ADM), and/or teacher recommendation.

**ELD Courses:** Students will develop and expand their skills in reading, writing, speaking, and listening with a focus on academic language in English. Academic language will include grade-level standards aligned language of Mathematics, Science, Social Studies, Language Arts, and Social language. ELD courses are taught by a licensed EL teacher. Students will receive an elective credit per course.

**Sheltered Content Courses:** The sheltered content courses are in the core subject areas with a focus on integrating academic language and grade level content standards. Sheltered courses may be taught by a dual licensed teacher in EL and the content area 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. Teachers purposefully integrate state content standards and academic language. Co-taught courses are taught by licensed EL and content-licensed teachers. Students will receive content area credit for these courses.

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<th>Course Offerings Based on WIDA Proficiency Levels</th>
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<td>WIDA Level 1</td>
<td>WIDA Level 2</td>
<td>WIDA Level 3</td>
<td>WIDA Level 4</td>
<td>4.5 Composite or higher with three of four domains at or above 3.5</td>
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**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 communication skills with an emphasis on academic vocabulary across grade-level content areas and integrated culturally responsive orientation practices.

**Reading & Writing Foundations**
- **Length of Course:** Up to three trimesters
- **Prerequisites:** Instructor or Counselor Approval (in conjunction with WIDA Language Proficiency Level and Average Daily Membership)
- **Credits:** 2 elective credits per trimester (2 hour block)
- **Teacher placement for identified students with limited or interrupted formal education**

Students will engage in scaffolded, extended research projects and selected units of study that emphasize language-rich reading and writing instruction integrated with content academic vocabulary.
Reading Foundations 3

- **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
- **Teacher placement for identified students with limited or interrupted formal education**

Students will expand on foundational reading skills with an emphasis on proficiency in the five essential components of literacy development and independent reading. Instruction in this course is based on individual progress and skill. This course focuses on the Academic English Language domain of reading.

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. Instruction will include a focus on the academic vocabulary of science and social studies standards. Although using content as a means of instruction, the focus will be on learning academic English.

ELD 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, narrate and inform in content areas. Instructional focus will be on general academic language related to grade-level content standards for MLs at ELP levels 2.0-2.5.

ELD 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 proficiency in academic English in listening, reading, writing and speaking in order to apply the key uses of language to discuss, explain, argue, narrate and inform in content areas. Instructional focus will be on general academic language related to grade-level content standards for MLs at ELP levels 2.5-3.4.

ELD 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 continue to expand their proficiency in academic English in listening, reading, writing and speaking in order to apply the key uses of language to discuss, explain, argue, narrate and inform in content courses. Instructional focus will be on general academic language related to content areas for MLs with ELP levels 3.5-4.5.
ELD 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 the key language uses of narrate, inform, explain, and argue. Students will narrate experiences and events, clarify 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
- Teacher placement for identified students with limited or interrupted formal education

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
- Teacher placement for identified students with limited or interrupted formal education

ML Students will continue to develop rational number sense, along with academic mathematical language. Students will be introduced to Algebra 1 skills and standards in preparation for Algebra 1.2.
EXPLORING POTENTIAL INTERESTS AND CAREERS (EPIC)

- Grade 9, 10, 11, 12
- Length of Courses: 3 courses, 1 Trimester each

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.

EPIC BECA - Business, Entrepreneurship, Communication, and Arts (1 Trimester)
Is owning your own business in your future? In this EPIC course, you will give the world of business a try through participating in a class Shark Tank. Learn how to bring your ideas to life through branding and digital images.

EPIC HHH - Health Sciences, Human Services, and Hospitality (1 Trimester)
Maybe helping others is a good fit for your future. This EPIC course will explore medical jobs throughout our community, and you practice skills that assess individual wellness. Community partners and services support all ages and abilities.

EPIC MENR - Manufacturing, Engineering, and Natural Resources (1 Trimester)
Want to learn about designing and creating? EMNR EPIC will let you explore hands-on careers that make things! Give your creative side a try and learn about how things are made.
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.

### Pathways and Courses

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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 lifespan. 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, medevac 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.

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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 Responder. 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 code 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 care 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 healthcare 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 SCTCC 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 the 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/CPR/AED, Bioethics, 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 SCTX 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 9
- **Required:** 9
- **Length of course:** Three Trimesters
- **Fulfills graduation requirements for 9th grade language arts.**
- **This course is required for all 9th grade students who are NOT taking Language Arts 9 Honors**

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.**

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.**
- **This course is required for all 10th grade students who are NOT taking Language Arts 10 Honors**

Extends the skills learned in LA 10. 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.**

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
- Required: 11
- Length of Course: Three trimesters
- Fulfills graduation requirement for 11th grade language arts.
- This course is required for all 11th grade students who are NOT taking AP Language and Composition.

This required, yearlong course provides students with a final foundational language arts experience in literature, written composition, and communications. Students will read a variety of early and modern American literature, synthesize essays and research projects, and understand the nuanced forms of communication from intrapersonal to cultural communication.

AP Language and Composition
- Elective: 11 (AP Level)
- Length of Course: Three trimesters
- Fulfills graduation requirement for 11th grade language arts
- Replacement course for Language Arts 11.
- 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 graduation requirement for 12th grade language arts
- 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.
12th Grade Options
Trimester 1: LITERATURE COURSES

12th grade students are able to choose electives each trimester that correlate to an area in language arts. Choose one in literature for trimester one; one in writing for trimester 2; and one in communications for trimester 3.

Short Story Literature
• Elective 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
• Elective: 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: 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 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.
12th Grade Options
Trimester 2: WRITING COURSES

Visual Literacy
• Grade 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 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.

Creative Writing
• Grade 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.

12th Grade Options
Trimester 3: COMMUNICATIONS COURSES

Speech
• Grade 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.
Debate/Argumentation

• Grade 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 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.
St. Cloud students are required to complete courses fulfilling the Minnesota mathematics standards for grades 9-11 for geometry, algebra 2, and probability & statistics.

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.

**Intermediate Algebra** (Formerly known as Algebra 1.2)
- Grade 9, 10, 11, 12
- Length of Course: Three trimesters
- **Not NCAA Approved**
- Fulfills Graduation Requirement for: Probability & Statistics

Intermediate Algebra introduces and develops 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 12
- Length of Course: Three trimesters
- Prerequisite: Intermediate Algebra (Formerly known as 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: Intermediate Algebra (Formerly known as Algebra 1.2)
- Fulfills Graduation Requirement for: Geometry.

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: Intermediate Algebra (Formerly known as Algebra 1.2)
- Fulfills Graduation Requirement for: Geometry (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: Intermediate Algebra (Formerly known as Algebra 1.2) and Geometry is recommended
- Fulfills Graduation Requirement for: Algebra 2

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: Intermediate Algebra (Formerly known as Algebra 1.2) and Geometry
- Fulfills Graduation Requirement for: Algebra 2 (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
- Fulfills Graduation Requirement for: Elective.

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
- Fulfills Graduation Requirement for: Elective.
- 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
- Fulfills Graduation Requirement for: Elective.

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
- Fulfills Graduation Requirement for: Elective.
- 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
- Fulfills Graduation Requirement for: Elective.
- 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
• Fulfills Graduation Requirement for: Elective.
• 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
BAND

Beginning Band
- Grade 9, 10, 11, 12
- Length of Course: Three trimesters
- Fulfills Graduation Requirements for Art

The Beginning Band is for students in any grade who have had less than a year of Band experience. This course focuses on teaching students how to play a woodwind, brass, or percussion instrument for the first time. Instrument choices include flute, clarinet, saxophone, trumpet, trombone, baritone, and tuba. School will provide instruments and music for use during class time if needed. Families may choose to rent or purchase an instrument through a local music store to guarantee a student’s first choice instrument.

Concert Band (formally known as Varsity Band at Tech)
- Grade 9, 10, 11, 12
- Length of Course: Three trimesters
- Prerequisite: Recommendation of Middle School band director or interview/audition with director
- Fulfills the Graduation Requirements for Art

The Concert Band is for 9th grade students and intermediate students. This course focuses on the development of ensemble skills and fundamental technical skills necessary for musical performance. Music chosen for Concert Band will include traditional, popular and contemporary styles for high school band. This band performs in three to four concerts during the school year and participates in the Region 8AA Music Festival, and along with all 9-12 band students, functions as the Pep Band for selected school sporting events.

Symphonic Band (formally known as Concert Band at Tech)
- Grade 9*, 10, 11, 12
- Length of Course: Three trimesters
- Prerequisite: Concert band or instructor’s approval
- Fulfills Graduation Requirements for Art

The Symphonic Band is a non-auditioned band class for 10th, 11th, and 12th grade students. This course focuses on the development of ensemble skills and fundamental technical skills necessary for musical performance. Music chosen for Concert Band will include traditional, popular and contemporary styles for high school band. This band performs in three to four concerts during the school year and participates in the Region 8AA Music Festival, and along with all 9-12 band students, functions as the Pep Band for selected school sporting events. Symphonic Band is also available to select 9th grade students who “Double” in a choir or orchestra course.
Wind Ensemble

- Grade 10, 11, 12
- Length of Course: Three trimesters
- Prerequisite: Audition/Instructor’s Approval
- Fulfills Graduation Requirements for Art

The Wind Ensemble is limited in size and instrumentation. Music will be selected from the high quality traditional and contemporary literature written for band. The Wind Ensemble performs in four to five concerts during the school year and participates in the Central Lakes Conference Music Festival, and along with all 9-12 band students, functions as the Pep Band at selected school sporting events. The Wind Ensemble tours annually in the spring as ambassadors of our school district. This tour will vary from year to year. All students must audition for placement in the group and are encouraged to study privately on their instrument.

CHOIR

Tenor/Bass Choir

- Grade 9, 10, 11, 12
- Length of Course: Three trimesters
- Fulfills Graduation Requirements for Art

Tenor/Bass Choir is the first year non-auditioned choir for all tenor/bass singers at Apollo and Tech. The course will emphasize the enjoyment of choral music and development of the basic skills necessary for successful choral singing, including vocal technique, sight-singing ability, and general musicianship skills. Tenor/Bass Choir is involved in three or four mandatory performances a year. 9th grade soprano/alto students who dual-enroll or “double” in a band or orchestra course will enroll in Mixed Choir instead of Treble Choir.

Treble Choir

- Grade 9, 10, 11, 12
- Length of Course: Three trimesters
- Fulfills Graduation Requirements for Art

Treble Choir is the first year non-auditioned choir for all soprano/alto singers at Apollo and Tech. The course will emphasize the enjoyment of choral music and development of the basic skills necessary for good singing, including vocal technique, sight-singing ability, and general musicianship skills. Treble Choir is involved in three or four graded performances a year. 9th grade tenor/bass students who dual-enroll or “double” in a band or orchestra course will enroll in Mixed Choir instead of Tenor/Bass Choir.

Mixed Choir

- Grade 9*, 10, 11, 12
- Length of Course: Three trimesters
- Prerequisite: Tenor/Bass Choir, Treble Choir or permission of the instructor
- Fulfills Graduation Requirements for Art

Mixed Choir is a non-auditioned, 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 successful choral singing, including vocal technique, sight-singing ability, and general musicianship skills. Mixed Choir is involved in three or four mandatory performances a year. Mixed Choir is also available to select 9th grade students who dual-enroll or “double” in a band or orchestra course.
Concert Choir
• Grade 10, 11, 12
• Length of Course: Three trimesters
• Prerequisite: Audition
• Fulfills Graduation Requirements for Art

Concert Choir is an auditioned, 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 numerous graded concerts and festivals throughout the year. **Students may only enroll for Concert Choir with an invitation from the instructor after a successful audition.**

ORCHESTRA

Beginning Orchestra
• Grade 9, 10, 11, 12
• Length of Course: Three trimesters
• Fulfills Graduation Requirements for Art

The Beginning Orchestra is for students in any grade who have had less than a year of Orchestra experience. This course focuses on teaching students the foundations of how to play a bowed string instrument for the first time. Instrument choices include violin, viola, cello, and string bass. School will provide instruments and music for use during class time if needed. Families may choose to rent or purchase an instrument through a local music store to guarantee a student’s first choice instrument.

Concert Orchestra (**formally known as Sinfonia at Apollo**)
• Grade 9, 10, 11, 12
• Length of Course: Three trimesters
• Prerequisite: Recommendation of Middle School Director or interview/audition with Director
• Fulfills Graduation Requirements for Art

The Concert Orchestra is an ensemble for 9th graders and other intermediate and developing string students who would like to focus on perfecting the fundamentals of string technique and musicianship, including basic shifting, key signatures, and beginning vibrato. Music will include traditional, popular, and contemporary orchestral selections of various styles and cultures. The Concert Orchestra performs at 3-4 evening concerts throughout the year along with the Region 8AA Music Festival in the Spring.

Symphony Orchestra
• Grade 10, 11, 12
• Length of Course: Three trimesters
• Prerequisite: Completion of Concert Orchestra or Audition
• Fulfills Graduation Requirements for Art

The Symphony Orchestra is an advanced, auditioned-based string ensemble for students who have mastered the fundamentals of string-playing. The group performs a wide variety of string orchestra music of different styles and cultures. Musical selections will be chosen from a comprehensive library of advanced classical and contemporary literature for string and full orchestra with the occasional addition of winds, brass, and percussion. The Symphony Orchestra performs in 3-4 evening concerts and festivals throughout the year, including the Central Lakes Conference (CLC) Music Festival in the Spring. Meets daily as a large group ensemble, along with some additional sectionals and lessons. See director for audition/approval requirements.
MUSIC

AP Music Theory

- **Grade 10, 11, 12 (AP Level)**
- **Length of Course: Three trimesters**
- **Prerequisite:** Students should be able to read and write musical notation, and it is strongly recommended that the student has acquired at least basic performance skills in voice or on an instrument.
- **Fulfills Graduation Requirements for Art**

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. Musicianship skills including dictation and other listening skills, sight singing, and harmony are considered an important part of the course. Performance is also a part of the curriculum through the practice of sight singing. Notational skills, speed and fluency with basic materials are also emphasized. Passing the exam in the spring with a 3-4 or 5 may earn you college credits at many colleges and universities.

Guitar I

- **Grade 9, 10, 11, 12**
- **Length of Course: One trimester (only offered Trimesters 1 and 2)**
- **Fulfills Graduation Requirements for Art**

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.

Guitar II

- **Grade 9, 10, 11, 12**
- **Length of Course: One trimester (only offered Trimesters 2 and 3)**
- **Fulfills Graduation Requirements for Art**

The student will expand music reading skills and develop intermediate guitar techniques. This class will also welcome beginning guitar students who were not able to register during Trimester 1. In-school guitars will be provided as needed for class use.

Guitar III

- **Grade 9, 10, 11, 12**
- **Length of Course: One trimester (only offered Trimester 3)**
- **Prerequisite: Guitar I or II**
- **Fulfills Graduation Requirements for Art**

The student will continue to study various styles of music and will have the option to perform as a soloist and as part of a group. The group will also have an opportunity to perform at a Spring Concert in May.
History of Rock and Roll
• Grade 9, 10, 11, 12
• Length of Course: One trimester
• Fulfills Graduation Requirements for Art

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
• Fulfills Graduation Requirements for Art

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
• Fulfills Graduation Requirements for Art

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 soundscapes selected from Sub-Saharan Africa, India, Asia, the Middle East, Indonesia, Latin America, North America, and Europe.

Music Exploration
• Grade 9, 10, 11, 12
• Length of Course: One trimester
• Fulfills Graduation Requirements for Art

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 class.

Songwriting
• Grade 9, 10, 11, 12
• Length of Course: Trimester 1
• Fulfills Graduation Requirements for Art

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.
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
- **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 prerequisite 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. Students 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. Students 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 (Tech Only)**

- **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.
Science 9
- Grade 9
- Length of Course: Three trimesters
- Fulfills Graduation Requirement for: Science 9
  Required course for all freshmen.

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
- Fulfills Graduation Requirement for: Science 9 (replacement course for Science 9)

This comprehensive course will delve more deeply into further investigating 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
- Fulfills Graduation Requirement for: Biology (replacement course for Biology)

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
- Fulfills Graduation Requirement for: Biology (replacement course for Biology)
- 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, biodiversity, 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**
- **Fulfills Graduation Requirement for: Biology**
  
  **Required course for all 10th graders.**

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, biodiversity, 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 from the atom to the organism.

AP Biology

- **Grade 10 (May be taken in Grade 11 and 12 for Elective Credit only) (AP Level)**
- **Length of Course: Three trimesters**
- **Fulfills Graduation Requirement for: Biology (replacement course for Biology)**
- **Weighted Grade**

This course can be taken in place of Biology. 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**
- **Length of Course: Three trimesters**
- **Available Senior to Sophomore (S2S)**
- **Fulfills Graduation Requirement for: Chemistry or Physics**

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**
- **Fulfills Graduation Requirement for: Chemistry or Physics**

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)
• Length of Course: Three trimesters
• Fulfills Graduation Requirement for: Chemistry or Physics
• 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
• Length of Course: Three trimesters
• Fulfills Graduation Requirement for: Chemistry or Physics
• 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
• Fulfills Graduation Requirement for: Chemistry or Physics
• 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
• Grade 11, 12 (AP Level)
• Length of Course: Three trimesters
• Fulfills Graduation Requirement for: Chemistry or Physics
• Weighted Grade

Students in this class 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 C Mechanics test given in May of each year.
Forensic Science

- **Grade 11, 12**
- **Length of Course: One, two, or three trimesters**
- **Prerequisite: Biology**

In this science elective, students dive into the world of crime scene investigators and forensic lab technicians. Activities in this course range from examining trace evidence like hair and fibers, to determining information about skeletal remains, to interpreting blood spatter, and analyzing DNA. Students learn the real science behind some of their favorite shows like: CSI, Bones, Forensic Files, NCIS, Criminal Minds, Dexter, and Law and Order. Forensic Science can be taken all year or 1 trimester at a time.

Human Anatomy & Physiology

- **Grade 11, 12**
- **Length of Course: Three trimesters**
- **Prerequisite: A Biology or BioMed Course**
- **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 the 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.

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 subfields 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 exist 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 interdisciplinary 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


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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 smartphones, 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 with-in 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 vehicles 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 the 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 the state exam.

**WORK BASED LEARNING**

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.
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 1)
• *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

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.

**SOMALI**

**Somali For Native Speakers**
- **Elective:** 9, 10, 11, 12
- **Length of Course:** Three trimesters
- **Prerequisite:** Students are identified as heritage or native Somali 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 Somali-speaking students’ abilities in reading, writing and cultural understanding in Somali. This course offers Somali-speaking students an opportunity to study Somali formally in an academic setting in the same way that native English-speaking students study English language arts. Students develop strategic Somali 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 Somali should 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 Somali language and identity.

**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:** 9, 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:** 10, 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.

**Elementary Teacher Assistant**
- *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.

Science of Reading Foundations
• Grade 9, 10, 11, 12
• Length of Course: Three trimesters (may be repeated)
• Fulfills 1 elective credit
• Students are selected for this program through an assessment process.

This program is available for students to boost their success and college and career readiness with a focus on improving their reading skills. An added bonus, time is built into the course as a study, allowing extra support during the class to continue to apply what is being taught to other classes the student is taking.

Student Services Office Aide
• Grade 11, 12
• Length of Course: One trimester

This program is available for students 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.