Dear Scholars,

The only way to predict the future is to create it. . . .

Creating your future is what this book is all about. Decisions regarding your educational program and experiences are among the most important choices you will make. A thoughtfully designed and challenging selection of classes throughout your high school years will open the doors of opportunity in the future.

At Osseo Senior High, our commitment is Excellence which influences the way we think, what we do, and how we act. We are proud to offer a comprehensive educational program intended to meet the needs of each scholar. This registration guide was developed to provide you with detailed information regarding graduation requirements, course descriptions and educational options for life after high school. Please share this guide with your parents/guardians as you collaboratively design your educational program. Our professional staff of counselors, teachers and administrators are all available to assist you in this process as well.

Once the registration process is completed, we will select and assign the teaching staff, create the master schedule and order all necessary books and instructional supplies for the coming year based on the courses that students have selected. It is for these reasons that we ask you to choose your courses wisely because course selection changes will not be permitted.

Whatever it is you want to accomplish in high school, we desire to come alongside you on your journey. Set your goals high, believe in your inner greatness, and collaboratively we will work to lay a solid foundation toward your very best vision of self. Excellence starts now. Welcome to our community of scholars.

Together in Excellence,

Michael Lehan            Principal
Erica Barlow           Assistant Principal
Ronnie King            Assistant Principal
Bill Kuendig           Assistant Principal
Katy Burns             High School Counselor
Meg Holton             High School Counselor
Michelle Schlorf       High School Counselor
Sarah Seldon           High School Counselor
Jackie Trzynka         High School Counselor
Michelle Mazanec       Career and College Specialist
Tracy Hanson           Administrative Secretary
Jodi Voorhees-Gavenda  Registrar
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What is AVID?

AVID (Advancement Via Individual Determination) is an in-school system of support dedicated to developing leaders in their communities and society. AVID scholars will develop organizational skills, note-taking and self-advocacy. AVID is a college preparatory program that accelerates learning for all with rigorous, relevant instruction while building meaningful teacher-student relationships. The AVID elective class combines rigor with support that includes the student’s own individual determination and the support of: content area teachers, other AVID students, their families, the AVID teacher, and college tutors. AVID places students in advanced classes and provides them with an elective class that prepares them to succeed in rigorous curricula, enter mainstream activities in school, and increase their opportunities to enroll in four-year colleges.

AVID Curriculum Includes:

- Research Skills
- Research Papers
- Public Speaking (including how-to speeches, informational speeches, and persuasive speeches)
- Cornell Notes
- Philosophical Chairs
- Socratic Seminars
- Scholarship & Financial Aid Research
- Goal Setting
- Mission Statements
- Self Discovery & Reflection
- Character Development
- Tips for Success
- Interpersonal Relationships
- Organizational Skills & Projects
- Time Management
- Money Management (including how to balance a checkbook and using credit cards responsibly)
- College Readiness Skills
- College Exploration
- Career Exploration
- The Process of Getting a Job (including resumes, preparing for interviews, mock interviews, filling out job applications, and thank you letters)
- Study Skills
- Guidance Lessons
- Starting Your Own Business
- Community Service Projects

Tutorials

Trained college tutors lead tutorial sessions twice each week in AVID classes. Tutors are excellent role models of motivated, organized, and successful college students. During each tutorial session, students come prepared with two questions that they need assistance answering. In a small group setting, the tutor’s role is to guide the students as they assist one another. Tutorials help students who are enrolled in rigorous coursework keep up and succeed in their college prep classes.

Questions?

If you have any questions, please contact our feel free to contact Kate Mendenhall, AVID Coordinator, Erica Barlow, Assistant Principal or Michael Lehan, Principal, at 763.391.8500.
REGISTRATION GUIDELINES
1. Freshman and Sophomores are advised to carry 6 credits per trimester. Juniors and seniors must carry a minimum of 5 credits per trimester.
2. Repeating a class to improve a grade or remove a failure is usually permitted. It is the student’s responsibility to inform the registrar’s office, using the procedure outlined in the student handbook, when the repeated course is completed. When 2 classes with the exact same course number appear on the transcript, the best grade will be retained. The other class remains on the transcript and an “NC” will be given in place of the previous grade. An additional credit is not earned when repeating a class, with the exception of some “lab” or “studio” classes, for example: Comp Sports Lab or Painting Studio.
3. Auditing of classes (taking a class for no credit) is not permitted under normal circumstances.

REGISTRATION INSTRUCTIONS
1. Make sure you understand the procedures before you begin.
2. Review requirements for graduation.
3. Read and understand the course descriptions and prerequisites.
4. Decide which courses you want to take, based on your plans for after high school (college, tech school, etc.)
5. Discuss plans with your parents/guardians.
6. Consult with teachers or counselor, if needed.
7. Use information you have about yourself, such as test results, interest inventories, and past grades to make registration decisions.
8. Check entrance requirements for colleges and other post-secondary programs before you select your school courses for future endeavors.

CLASS CHANGE REQUESTS
Once the registration process is complete, class change requests are discouraged, and in most cases, not possible. Please refer to the student handbook for additional information.

TERMINOLOGY AND DEFINITIONS
Required course: A course that every student must pass in order to graduate from an ISD 279 Osseo Area school
Prerequisite: A course that students must pass before registering for a higher level course
Elective course: A course students can choose to take to fulfill the elective requirements for graduation.
Lab course: These courses may be repeated for credit with additional expectations.
Studio course: Course that is taken once a student reaches a high proficiency level (Art). May be repeated for credit.

CONSIDERING AP OR HP CLASSES? Please use the information below to determine if it’s the right placement for you.

<table>
<thead>
<tr>
<th>Program</th>
<th>Explanation</th>
<th>Advantages</th>
<th>Considerations</th>
</tr>
</thead>
</table>
| **AP Advanced Placement** | • College-level curriculum  
• Recognized nationally  
• Rigorous  
• Available to all grade levels | • May receive college credit  
• Develop higher level thinking skills  
• Additional honor points earned with a C or above, for weighted GPA | • Must take the AP exam to receive potential college credit  
• Students must have above average ability in reading, writing and/or math  
• Expect considerable homework in most classes  
• This level of coursework is expected from highly selective colleges |
| **HP High Performance** | • Accelerated curriculum  
• Rigorous  
• Available to all grade levels | • More challenge than regular-level course  
• Develop higher level thinking skills  
• Prepares students for college-level curriculum | • No college credit  
• Expect more homework in most classes  
• This level of coursework is expected from highly selective colleges |
PLANNING FOR HIGH SCHOOL GRADUATION

To graduate from an ISD 279 school, you must meet the following requirements:

45 credits in specified areas (as listed below)
19 elective credits

Meet State Graduation Testing Requirements

<table>
<thead>
<tr>
<th>English</th>
<th>Math</th>
<th>Science</th>
<th>Social Studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 credits</td>
<td>9 credits (3 years including Non-Linear Algebra, Geometry, and Algebra 2)</td>
<td>9 credits (3 years, must include Biology and Chemistry OR Physics)</td>
<td>10 credits</td>
</tr>
<tr>
<td>(4 years)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Life Fitness</td>
<td>Health</td>
<td>Fine Arts</td>
<td>Electives</td>
</tr>
<tr>
<td>1 credit (can be taken any year in grades 9 – 12)</td>
<td>1 credit (can be taken any year in grades 9 – 12)</td>
<td>3 credits (see list below of eligible courses)</td>
<td>19 credits</td>
</tr>
</tbody>
</table>

The following courses meet the Fine Arts requirements for graduation:

* Visual Arts: all courses offered through the ISD 279 Osseo Area Schools Visual Arts department grades 9-12
* Music: all courses offered through the ISD 279 Osseo Area Schools Music department grades 9-12

AND

Advanced Dramatic Literature, Introduction to Dramatic Literature (A, B)
Advance Journalism 1 and 2, Introduction to Engineering Design
Art of Film, Journalism
Basic Journalism, Journalism Internship
Communication Technologies 9, Movement Across Cultures
Computer Gaming and 3-D Modeling, Multi-Media Expressions 9 (North View only)
Design and Production Technology 9, Photography B: Digital and Darkroom
Digital Photography, Principles of Construction
FACS 9 (North View only), Radio and Television
Fashion Apparel and Design, Specialty Tech Lab (Auto classes not included)
Gateway to Technology 9, Textile Art and Design 9
IB Diploma Programme Film, Web Design 1 and 2
Interactive Multimedia for Business, Wood Technology
Interior Design, Yearbook Lab
Introduction to CAD

ADDITIONAL INFORMATION FOR PLANNING

- The school year in ISD 279 - Osseo Area Schools is divided into three 12-week trimesters. Formal reports to parents are made twice each trimester; mid-trimester progress reports are distributed to students in Advisory. Final report cards at the end of trimester 1 and 2 are distributed to students in Advisory, and trimester 3 final report cards are mailed approximately 2 weeks after the end of the school year.

- PASS/FAIL grading is an option for elective courses if the student follows the requirements established in the student handbook. PASS/FAIL is not permitted for required courses except by administrative decision.

- Weighted grades: ISD 279 high schools use a weighted grading system that adds a value of .34 to any grade of "C" or higher earned in an ALP or AP designated course. Most IB Diploma Programme courses also are weighted. There is not weight added to ALP social studies courses. Final transcripts will show both weighted and unweighted GPA and class rank. This system of weighted grading was adopted by the ISD 279 - Osseo Area Schools Board of Education effective July 1, 2003.
CAREER AND COLLEGE PLANNING

The Osseo Senior High School Career Resource Center is committed to inspiring and preparing all students with the confidence, courage and competence to achieve their dreams, contribute to community and engage in a lifetime of learning. We provide college and career information to all students through individual, small group and large group meetings as well as in our advisement program. If you have questions about requirements for various programs, colleges or universities, please contact the CRC for assistance.

Show your Oriole Pride:

Expectations
Be responsible: Be accountable for your actions.
Be respectful: Treat others as you would want to be treated
Be resourceful: Know where to get help

This is how you can show your ORIOLE PRIDE during registration:

Be Responsible - Observe the registration guidelines and register on time.

Be Respectful - Respect and understand the rules and expectations. Registration is your responsibility.

Be Resourceful - Ask questions. Lots of people can help you.

Advisory teacher, counselor, CRC, classroom teacher, registrar, parents, OSH Administration

The CRC is available to help parents and students

Research and Guidance
- Large group information presentations
- Individual appointments
- College representative visits
- College & Career speaker visits
- Upcoming ACT and SAT test dates
- Military representative visits
- Official transcripts and verification data for college applications/scholarships/Military enlistment

Financial Aid
- Free Application for Federal Student Aid (FAFSA)
- Scholarship opportunities
- Student loan information

NCAA Eligibility Center (for college athletics)
- Core course audit
- Division 1 and Division 2 eligibility

Testing
- ACT/SAT
- PSAT/NMSQT
- Advanced Placement
- International Baccalaureate (PCSH only)
- College Level Exam Program (CLEP)
- TOEFL

Special Activities
- Member of North Hennepin Chamber of Commerce, Mock Interviews, and Star Student Awards
- Medtronic summer Internship
- General Mills Discover IT Program
- Mission: Admission for first generation college students
- ACT preparatory course
- Upward Bound

Employment Opportunities
CAREER GUIDANCE

Community College (2-year transfer or 2-year Associate Degree)
Entrance requirements specify graduation from an accredited high school. Some programs (e.g. nursing) may have additional entrance requirements.

Technical Colleges
Public Technical Colleges in Minnesota offer more than 100 different types of trades training for students who are at least 16 years old. Qualified students are accepted for admission at any of the schools. The Technical Colleges closest to our school district are Hennepin, Anoka, Minneapolis, and St. Paul Colleges. Technical training programs include Agriculture and Natural Resources, Arts Communication and Humanities, Business and Administration, Engineering, Manufacturing and Technology, Health Services and Human Services.

Military Service and Training
Reserve Officer Training Corps
The ROTC consists of 478 units - Army, Navy, and Air Force - at over 300 public and private colleges throughout the country. All three branches offer financial aid grants covering the cost of tuition, fees, books, laboratory fees, and in some cases, living expenses. There are two, three, and four-year subsidized programs.

The Federal Academies
All academies (Army, Navy, Air Force, Coast Guard and Merchant Marine) offer four years of college education leading to a Bachelor of Science degree. A candidate's academic qualifications for admission to any one of the five academies are determined by College Entrance Examination Board tests and a review of the entire scholastic record. Juniors interested in securing appointments to one of the academies, other than the Coast Guard Academy, should write to their Senator and District Representative in Congress, or the academy of his/her choice for an Officer Candidate Kit.

Officer Candidate School
College graduates can earn commissions in the Army, Navy, Air Force, Marine Corps or Coast Guard even if they have no ROTC or other prior military training. Applications may be made for enlistment from civilian life to attend officer candidate school during the senior year of college.

Any student wishing to qualify for an officer training program should take college prep courses with emphasis on advanced math and science. Preliminary steps for application should be taken during the winter trimester of the junior year.

Enlistment
Students interested in direct military enlistment may see local recruiters during monthly visits to the school.

For further information about all the above types of post-high school training and financial aid, students are advised to check with the Career Resource Center.

Students who do not plan post-high school training
If you do not intend to continue formal schooling beyond high school, you should select your courses carefully with input from your counselor, teachers, or other knowledgeable adults. Employers are demanding more and more specialization. In some areas, by taking the proper sequence of courses, you can obtain the necessary skills for entry into certain occupations.
Activities in ISD 279 offer students opportunities for participation and involvement in the school beyond the classroom. However, it is important that students remember their first responsibility is to be successful scholarly. Academic achievement is not to be sacrificed for participation in activity programs.

ISD 279 – Osseo Area Schools is a member of the Minnesota State High School League (MSHSL) and Northwest Suburban Conference, and follows and enforces all of their rules and regulations.

In order to participate in high school activities, a student must be -
1. registered as a full-time student;
2. enrolled in at least five credit-producing classes each trimester; and
3. making progress toward accumulation of the 64 credits required for graduation according to the chart below:

| REQUIRED CREDITS TO PARTICIPATE IN ACTIVITIES |
|---|---|---|---|
| GRADE | FALL | WINTER | SPRING |
| 9     | 0    | 4     | 8     |
| 10    | 13   | 18    | 23    |
| 11    | 28   | 34    | 40    |
| 12    | 46   | 52    | 58    |

Note: 64 credits required to graduate

The plan for determining academic eligibility for MSHSL activities is as follows:

- Eligibility will be determined at the start of each school year and after each marking period.
- A student is ineligible if the total number of credits at the beginning of each trimester is less than the number listed in the table at left.
- If a winter or spring sport begins before tri 1 or tri 2 grades have been posted, students may appear eligible to begin a winter or spring activity, but become ineligible once grades/credits are posted.
- The Activities Coordinator will follow up after grades and credits are posted to ensure all students are eligible.
- The Activities Coordinator will inform any student who becomes ineligible.

To be certified by the NCAA Eligibility Center, you must accomplish the following:

1. **Graduate from high school**
   - You should apply for certification before graduation if you wish to participate in athletics as a freshman at the college to which you will be admitted. The NCAA Eligibility Center will issue a preliminary certification report when you have submitted all of your materials. After graduation, the NCAA Eligibility Center will review your final transcript to make a final certification decision according to NCAA standards.

2. **Earn a grade-point average of at least 2.3 (for Division I) and 2.0 (for Division II) on a 4.00 scale** in a core curriculum of at least 16 courses which were successfully completed during grades 9 through 12. The chart included here shows core courses you must include at a minimum.

3. **Earn a minimum SAT/ACT sum score.**

4. **For additional information you may go to [www.ncaaeligibilitycenter.org](http://www.ncaaeligibilitycenter.org) or [www.ncaa.org](http://www.ncaa.org).**

<table>
<thead>
<tr>
<th>CORE UNITS REQUIRED FOR NCAA CERTIFICATION</th>
<th>DIVISION I</th>
<th>DIVISION II</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4 years</td>
<td>3 years</td>
</tr>
<tr>
<td>Math</td>
<td>3 years</td>
<td>2 years</td>
</tr>
<tr>
<td>Science</td>
<td>2 years</td>
<td>2 years</td>
</tr>
<tr>
<td>Social Studies</td>
<td>2 years</td>
<td>2 years</td>
</tr>
<tr>
<td>From English, Math, or Science</td>
<td>1 year</td>
<td>3 years</td>
</tr>
<tr>
<td>Additional Core: English, Math, Science, World Language, Philosophy, Non-doctrinal Religion</td>
<td>4 years</td>
<td>4 years</td>
</tr>
<tr>
<td>Total Core Units Required</td>
<td>16 years</td>
<td>16 years</td>
</tr>
</tbody>
</table>
**BLENDED LEARNING**

*Blended Learning:*  
Blended learning courses personalize instruction so that students may accelerate their learning. Students in this Zero Hour blended course will learn both online and in-class and have the opportunity to move forward at their own pace to new goals and objectives after showing that they have learned required knowledge and skills.

*Zero Hour:*  
Osseo Senior High Zero Hour provides students with a vast array of enrichment and/or remediation opportunities. 9th graders are assigned an online seminar course, while upper class scholars select from online learning modules. Students who are successful in these courses are self-directed, adaptable, innovative problem solvers and have a solid sense of time management. We understand the expansiveness of our world and the need for students to engage meaningfully in various modalities to enhance, accelerate, and access relevant learning platforms.

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### ZERO HOUR BLENDED OFFERINGS

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>112001, 112002,</td>
<td>College and Career Readiness</td>
<td>This course is designed to prepare juniors and seniors for post-secondary education. Specifically focusing on: Researching post-secondary options based on their career goals, how to pay for college (financial aid options, FAFSA), the college admissions process (college essay and personal statement), College Life 101, College terminology, strategies for success in college, and scheduling/planning.</td>
</tr>
<tr>
<td>112003</td>
<td></td>
<td></td>
</tr>
<tr>
<td>022000</td>
<td>Careers, Life and You</td>
<td>You will plan for high school and beyond as you examine career interests, personal abilities, goal setting, communication, and independent living skills. School staff and community leaders will present current information on job trends and the changing world of work.</td>
</tr>
<tr>
<td>106110</td>
<td>Effective Studies (9th grade Seminar)</td>
<td>This course will help you improve your organization, test taking, listening, time management and note taking skills. What you learn in this course can be immediately applied to all of your other courses, both in high school and in your post-secondary studies.</td>
</tr>
<tr>
<td>012701, 012702,</td>
<td>Computer Gaming and 3-D modeling</td>
<td>This course is an introduction to the design and computer skills needed to create 2D and 3D graphics, animations, and video games. Students will gain experience and skill working with Autodesk 3Ds Max to model objects, scenes and humanoids as seen in popular movies and video games. In addition, this course will use GameMaker studio to give students a chance to build sprites, backgrounds, and code their creative ideas into a playable video game. Basic computer skills are needed but no previous design work is necessary.</td>
</tr>
<tr>
<td>012703</td>
<td></td>
<td></td>
</tr>
<tr>
<td>104600</td>
<td>Intro to Entrepreneurship</td>
<td>Did you know that Facebook was started by a 19 year old? Do you have a great idea for starting a business? Would you like to be your own boss? This course will provide you with the opportunity to research and write a business plan (the resume' for your business). You will discuss and apply what you learn in the following areas: characteristics of the successful entrepreneur, demographic research, finding a location for your business, financial requirements, determining your competition and target market, staffing your business, and marketing your product or service. Your future starts NOW!</td>
</tr>
<tr>
<td>066500</td>
<td>Health</td>
<td>This course is the standard health class uniquely offered through a blended opportunity. This creates additional experiences and added opportunities while engaging in a flexible learning environment.</td>
</tr>
</tbody>
</table>
Business and Personal Law
Course Number: 104300
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: Are you intrigued by the show Law and Order? Do you understand the laws that protect you when you are a minor, and how these laws can change when you become an adult? This course offers a look at buyers rights, school law, family law, and contracts. Class discussions, guest speakers and group projects are a large part of this course.

Computer Applications with Office 1
Course Number: 102300
Earn college credit in high school - This course qualifies for articulated college credit. See page 40 for more information.
Concurrent enrollment options may be available. See the teacher for more information.
Note: Prior knowledge of keyboarding is strongly recommended
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: You will learn how to create and change documents for school or personal use, including shortcuts and time savers.

Financial and Investment Planning
Course Number: 103400
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: Learn to take charge of your financial future! In this class you will learn about investment options and understand how stocks, bonds, mutual funds, and life insurance can play a part in growing your own money tree!

Introduction to Business
Course Number: 104100
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: This class will introduce you to all aspects of business and help you discover your passion and identify the path to follow for future success in business. Students will explore the role of business in our global economy, and study the functional areas of business and business career opportunities.

Keyboarding
IEP students and EL students only
See Business Ed teacher

Keyboarding and Business Communications
Course Number: 102200
Earn college credit in high school - This course qualifies for articulated college credit. See page 40 for more information.
Prerequisite: Computer skills and typing experience
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: You will refine your keyboarding skills, increase typing speed and learn the use of Microsoft Word 2016. Learn to create professional and personal letters, reports, forms, and job application documents.

Personal Financial Management
Course Number: 103300
Earn college credit in high school - This course qualifies for articulated college credit. See page 40 for more information.
Concurrent enrollment options may be available. See the teacher for more information.
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: In this course you will learn skills for managing your finances at every stage in life. Focus will be on budgeting, banking, smart credit use, simple tax filing and saving strategies for your future.

Positive Leadership
Course Number: 104200
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: Win friends and influence people! This course will challenge students interested in learning advanced concepts in leadership. Discover your leadership strengths and develop your area of weaknesses, refine your ability to reach your dreams and goals, get your life organized and build confidence in yourself and others. Everyone can be a leader, the choice is yours!
Sports and Entertainment Marketing
Course Number: 105200
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: Do you enjoy sports? Do you enjoy traveling? Do you enjoy finding out the latest trends from Hollywood? If so, this class is designed for you. Learn the basic concepts of economic, marketing and merchandising in both the sports world and the entertainment world. This course teaches how markets use agents and public relation tools to capture their audience.

Web Design 1
Course Number: 102500
Earn college credit in high school - This course qualifies for articulated college credit. See page 40 for more information
Note: Prior knowledge of keyboarding is strongly recommended
Prerequisite: None
Fulfills graduation requirement for: Elective, Arts
Grade Level: 9-12
Course Description: Do you want to know how to design your own Web Site? Learn to create one using the principals of design. Become a published web designer using XHTML, CSS and Photoshop.

COOPERATIVE EDUCATION

College and Career Readiness
Course Number: 112101; 112102; 112103
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: This course will prepare you for a successful transition to college. It will help with career planning, interpersonal skills and goal setting, and you will develop employability skills through cooperative, project based learning experiences.

Off To College
Course Number: 113300
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 11-12
This course is designed to prepare juniors and seniors for post secondary educations. Specifically focusing on: Researching post secondary options based on their career goals, how to pay for college (financial aid options, FAFSA), the college admissions process (college essay and personal statement), College Life 101, College terminology, strategies for success in college, and scheduling/planning.

Volunteer Service
Course Number: 113101; 113102; 113103
Note: May be taken for one trimester or more; specify trimester by course number
Prerequisite: You must be able to provide your own transportation to volunteer sites.
Fulfills graduation requirement for: Elective
Grade Level: 10-12
Course Description: This course will give you the opportunity to contribute to community through helping others. You will go out in the community and experience a minimum of 40 hours of volunteer based services. Students will be responsible for securing their own volunteer placement, and transportation.

Transition to Work Transition to Work Internship
IEP students only - see your case manager
**REQUIRED COURSES**

**Is Advanced Placement (AP) or High Performance (HP) right for you?**  
*See chart on page 4 and talk to your English teacher.*

### 9th grade graduation requirement

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Number</th>
<th>Must register for all 3 trimesters</th>
<th>Prerequisite</th>
<th>Fulfills graduation requirement for</th>
<th>Grade Level</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 9 A, B, C</td>
<td>032501; 032502; 032503</td>
<td>Yes</td>
<td>None</td>
<td>English 9</td>
<td>9</td>
<td>In this required course you will study literature, composition, language/communication, and inquiry/research skills. You will read poetry, prose, and drama; you will write multi-paragraph expository and creative essays with an emphasis on argument and a multi-paragraph research paper; and you will give a dramatic presentation.</td>
</tr>
<tr>
<td>HP English 9 A, B, C</td>
<td>032641; 032642; 032643</td>
<td>Yes</td>
<td>None</td>
<td>English 9</td>
<td>9</td>
<td>This course enhances regular English 9 by emphasizing literary analysis, creative problem solving and group work, and advanced writing and research skills. Self discipline is necessary to succeed as work is primarily completed outside of class.</td>
</tr>
</tbody>
</table>

### 10th grade graduation requirement

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Number</th>
<th>Must register for all 3 trimesters</th>
<th>Prerequisite</th>
<th>Fulfills graduation requirement for</th>
<th>Grade Level</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 10 A, B, C</td>
<td>032901; 032902; 032903</td>
<td>Yes</td>
<td>None</td>
<td>English 10</td>
<td>10</td>
<td>In this required course you will study literature, composition and language/communication skills. You will read novels, poetry, short fiction and non-fiction; you will write narrative, expository, and argumentative papers; and you will give presentations.</td>
</tr>
<tr>
<td>HP English 10 A, B, C</td>
<td>033041; 033042; 033043</td>
<td>Yes</td>
<td>None</td>
<td>English 10</td>
<td>10</td>
<td>This course enhances regular English 10 by emphasizing literary analysis of short stories, novels, drama, and poetry. Self discipline is necessary to succeed; work is completed primarily out of class.</td>
</tr>
</tbody>
</table>
**11th grade graduation requirement**
Choose one of the following - See chart on page 4 for AP information

**English 11 A, B, C**
Course Number: 033401; 033402; 033403
Must register for all 3 trimesters
Prerequisite: None
Fulfills graduation requirement for: English 11
Grade Level: 11
Course Description: In this required course you will study literature, composition and language/communication skills. You will write informational, persuasive, reflective/technical papers with an overall focus on college preparation.

**AP English 11 A, B, C**
Course Number: 033871; 033872; 033873
Must register for all 3 trimesters
Note: Advanced Placement course. This course includes extensive reading and writing assignments. Summer reading will be assigned and must be completed by the first day of school. A strong work ethic is recommended.
Prerequisite: None
Fulfills graduation requirement for: English 11
Grade Level: 11
Course Description: This college-level course focuses intensely on language and rhetorical analysis, persuasive techniques and writing, and critical reading both fiction and non-fiction. You will be responsible for doing reading and writing projects on your own, outside of class time.

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**12th grade graduation requirement**
Choose one of the following - See chart on page 4 for AP information

**English 12 A, B, C**
Course Number: 034101; 034102; 034103
Must register for all 3 trimesters
Prerequisite: None
Fulfills graduation requirement for: English 12
Grade Level: 12
Course Description: In this required course you will learn to read, write, and think critically and independently. Reading selections will draw from classical, contemporary and multicultural literature. The research and writing processes are emphasized.

**AP English 12 A, B, C**
Course Number: 034371; 034372; 034373
Must register for all 3 trimesters
Note: Advanced Placement course. This course includes extensive reading and writing assignments. Summer reading will be assigned and must be completed by the first day of school. A strong work ethic is recommended.
Prerequisite: None
Fulfills graduation requirement for: English 12
Grade Level: 12
Course Description: This college-level course focuses intensely on literary analysis of poetry, drama, and prose. You regularly will write literary analytical assignments, with an extensive focus on reading poetry and prose. Seminar discussions and presentation skills are also emphasized. You will be responsible for work independently and outside of the class on projects.
**Art of Film**  
Course Number: 036900  
Prerequisite: None  
Fulfills graduation requirement for: Elective  
Grade Level: 9-12  
**Course Description:** This elective course analyzes how films incorporate writing and production to tell a story—the combination of spoken words and visual choices and how they combine to make an artistic statement. You will study various genres of films for how they tell their stories culminating in creating your own short film.

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**Creative Writing**  
Course Number: 037200  
Prerequisite: None  
Fulfills graduation requirement for: Elective  
Grade Level: 9-12  
**Course Description:** In a workshop setting, you will have the opportunity to work independently or with others to write poetry and prose. You will learn from prewriting to revision, to create polished writing for a public audience.

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**Mythology**  
Course Number: 036300  
Prerequisite: None  
Fulfills graduation requirement for: Elective  
Grade Level: 9-12  
**Course Description:** If you find yourself drawn to the movies Thor and The Avengers, this course may be for you. Greek, Roman and Norse mythologies—among others—tell the incredible stories of bigger-than-life characters (gods, demigods, and humans) living in bigger-than-life worlds. This course focuses on amazing characters living amazing lives within amazing worlds. It draws attention to both their incredible powers as well as their petty and frail weaknesses. Our modern world is forever making allusions (indirect references) to these bigger-than-life characters. Recently, the tales of these epic heroes and heroines have become the hot topics for blockbuster movies. All of us will continue to cross paths with these incredible gods and demigods in contemporary art, film, and literature. By taking this class, students will be better equipped to understand and to appreciate these characters, their worlds, and our society’s ongoing allusions to them.

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**Speech A**  
Course Number: 036101  
Prerequisite: None  
Fulfills graduation requirement for: Elective  
Grade Level: 9-12  
**Course Description:** This course will help eliminate the fear of speaking in public and improve verbal communication skills. You will learn basics of speech writing and delivery and will perform a number of short speeches.

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**The Graphic Novel**  
Course Number: 037400  
Prerequisite: None  
Fulfills graduation requirement for: Elective  
Grade Level: 9-12  
**Course Description:** In this course you will learn about the elements of comic style and read a variety of shorter and longer graphic texts in many different genres. Students will study the history of the medium, analyze the assigned texts, create a graphic story, and enjoy the marvelous blend of pictures and text.

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**Yearbook Lab A, B**  
Course Number: 037101; 037102  
Two trimester course, must register for both trimesters/1 credit earned each trimester.  
Prerequisite: Permission of instructor required to register for this course.  
Fulfills graduation requirement for: Elective, Arts  
Grade Level: 9-12  
**Course Description:** In this course, you will be an active member of the Yearbook staff, learning copywriting, interviewing, researching, graphic design, online publishing, advertising and marketing, and the production process.
Culinary Arts 1
Course Number: 022700
Earn college credit in high school - This course qualifies for articulated college credit when taken with Culinary Arts 2 and ProStart. See page 40 for more information.
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: You will examine how cooking affects food, learn the name and use of kitchen tools, practice following recipe directions, study the nutrient groups, explore careers in the foodservice industry and understand the importance of proper knife skills. You will prepare and taste a variety of foods during once-weekly lab activities. Examples of techniques practiced in lab: crostini, caramelized apples, poached pears, muffins, biscuits, scones, fruit and dairy desserts and breakfast foods.

Culinary Arts 2
Course Number: 022800
Earn college credit in high school - This course qualifies for articulated college credit when taken with Culinary Arts 1 and ProStart. See page 40 for more information.
Prerequisite: Culinary Arts 1
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: You will expand on the skills and knowledge gained in Culinary Arts 1 through in-depth study of ingredients and cooking techniques. New areas of study will include: professionalism in the food industry, controlling food costs, and meal planning. You will prepare and taste a variety of foods during once-weekly lab activities. Examples of techniques practiced in lab: salads and dressings, cookies, sautéed vegetables, fresh pasta, yeast bread, and sandwiches.

My Foods, FACS
Course Number: 022600
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: You will study the nutrition wellness, food choices, and consumer skills. Kitchen basics and food preparation will focus on culture and nutrition. You will prepare and taste a variety of foods in once-weekly lab activities.

ProStart
Course Number: 022900
Earn college credit in high school - This course qualifies for articulated college credit when taken with Culinary Arts 1 and Culinary Arts 2. See page 40 for more information.
Note: two hour class/2 credits earned
Prerequisite: Culinary Arts 1 AND Culinary Arts 2
Fulfills graduation requirement for: Elective (2 credits)
Grade Level: 9-12
Course Description: You will continue to develop skills from Culinary Arts 1 and 2, with a focus on the world of professional cooking. New areas of study will include: the history of food service, managing safety and sanitation procedures and recipe development. You will prepare and taste a variety of foods during once-weekly lab activities. Examples of techniques practiced in lab: Potatoes, stocks, soups, sauces, pies, cakes, meat, and poultry.

Restaurant Management
Course Number: 023900
This course is for all students. For ProStart students seeking certification, it is a required course.
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: Do you DREAM about opening America’s next great restaurant? You will learn basic information about purchasing, cost control, marketing, communication and other important skills necessary for a career in restaurant management.
**Careers, Life & You**  
Course Number: 022100  
**Prerequisite:** None  
**Fulfills graduation requirement for:** Elective  
**Grade Level:** 9-12  
**Course Description:** You will plan for high school and beyond as you examine career interests, personal abilities, goal setting, communication, and independent living skills. School staff and community leaders will present current information on job trends and the changing world of work.

**Child Development and Parenting**  
Course Number: 023300  
**Earn college credit in high school - This course qualifies for articulated college credit when taken with Child Development Lab. See page 40 for more information.**  
**Prerequisite:** None  
**Fulfills graduation requirement for:** Elective  
**Grade Level:** 9-12  
**Course Description:** You will study how children develop from pregnancy through age 3. The importance of prepared and educated parenting will be explored. You will get a glimpse into the world of parenting by taking home a computerized infant for one weekend. This parenting experience will also include careful evaluation of the costs and tasks involved in caring for an infant.

**Child Development Lab**  
Course Number: 023400  
**Earn college credit in high school - This course qualifies for articulated college credit when taken with Child Development and Parenting. See page 40 for more information.**  
**Prerequisite:** Child Development & Parenting OR Exploring Childhood  
**Fulfills graduation requirement for:** Elective  
**Grade Level:** 9-12  
**Course Description:** You will study the physical, social, emotional, and intellectual development of preschoolers as you set up and operate a playschool for children ages 3 to 5. You will conduct a case study and write a paper on a preschool age child. This course will give hands-on experiences for careers dealing with children and preparation for potential future parents.

**Interior Design**  
Course Number: 023200  
**Prerequisite:** None  
**Fulfills graduation requirement for:** Elective, Arts  
**Grade Level:** 9-12  
**Course Description:** You will study the elements and principles of design as applied to interior spaces. You will learn to think and communicate as a design professional working to meet the needs of your clients. Design careers will be explored.

**Real Life 101**  
Course Number: 023000  
**Prerequisite:** None  
**Fulfills graduation requirement for:** Elective  
**Grade Level:** 9-12  
**Course Description:** You will explore your own values and character as well as set personal, educational, and career goals for your future. You will study a variety of careers along with the qualities and transferable skills of a good employee. You will explore stress management and organization as you study a variety of skills related to “life on your own”. Topics of study may include: Money management, credit, identity theft, interpersonal communication, healthy relationships, apartment/dorm living, basic interior design, graduation party planning, grocery shopping, and kitchen basics.
Opportunities in Emergency Care (OEC)

First Aid & CPR
Course Number: 122100
Earn college credit in high school - This course qualifies for articulated college credit. See page 40 for more information.
Note: This course is a 2 hour class/2 credits per trimester.
This course is intended to be part of a full year sequence, but students may take this course individually with the understanding that it is not normally possible to change to a full year after trimester 1.
Prerequisite: None
Fulfills graduation requirement for: Elective (2 credits)
Grade Level: 11-12
Course Description: As part of a 3-trimester sequence, this class introduces the basic concepts of first aid, cardiopulmonary resuscitation (CPR), as well as lifesaving techniques which will prepare the student to provide care to a patient within the first 10 minutes of an emergency.

Emergency Medical Responder
Course Number: 122200
Earn college credit in high school - This course qualifies for articulated college credit. See page 40 for more information.
Note: This course is a 2 hour class/2 credits per trimester.
This course is part of the full-year OEC sequence and MAY NOT be taken individually.
Prerequisite: 122100
Fulfills graduation requirement for: Elective (2 credits)
Grade Level: 11-12
Course Description: As part of a 3-trimester sequence, this class builds on knowledge and skills obtained in the First Aid & CPR course, in part by using scenario-based experiences in preparation to sit for the Emergency Medical Responder course, and allows the student the opportunity to earn the Emergency Medical Responder certification.

Emergency Medical Technician
Course Number: 122300
Earn college credit in high school - This course qualifies for articulated college credit. See page 40 for more information.
Note: This course is a 2 hour class/2 credits per trimester.
This course is part of the full-year OEC sequence and MAY NOT be taken individually.
Prerequisite: 122200
Fulfills graduation requirement for: Elective (2 credits)
Grade Level: 11-12
Course Description: As the third part of a 3-trimester sequence, this class builds on knowledge and skills obtained in the Emergency Medical Responder course, in part by using scenario-based experiences in preparation to sit for the emergency medical technician written and skills examinations.

Health Care Internship
Course Number: 122401; 122402; 122403
Earn college credit in high school - This course qualifies for articulated college credit. See page 40 for more information. May be taken for more than one trimester; specify trimester by course number.
Note: This course is a 2 hour class/2 credits per trimester
Prerequisite: Admission by application only; 122300 - See instructor.
Fulfills graduation requirement for: Elective (2 credits each trimester)
Grade Level: 12
Course Description: Designed to be a three-trimester sequenced course. The fall trimester focuses on review and mastery of skills learned in the Emergency Medical Technician course (122300). During the winter trimester, the student learns advanced skills specific to a cardiac arrest patient encounter including intravenous therapy, airway management, cardiac rhythm interpretation, and emergency pharmacology. The spring trimester is geared towards readiness of the intern to challenge the National Registry of Emergency Medical Technician Cognitive (written) and Psychomotor (skills) examinations, which the intern is eligible to take once they turn 18 years old. Throughout the entire course sequence there is an added emphasis on leadership and assisting the instructor in the classroom, as well as teaching others through Middle School CPR and associated programs. Half of the class grade is based upon the practical application of learned skills via laboratory hours earned by working events in a medical role and/or teaching/assisting with external education courses conducted by OEC.

Nursing Assistant
Course Number: 123100
Earn college credit in high school - This course qualifies for articulated college credit. See page 40 for more information.
Note: This course is a 2 hour class/2 credits. The student must be 16 years old to sit for the state nursing assistant exam.
Prerequisite: None
Fulfills graduation requirement for: Elective (2 credits)
Grade Level: 10-12
Course Description: This course is designed to provide the student with the fundamentals of care for patients—through learning skills such as vital sign assessment, moving & transferring patients, as well as assisting with activities of daily living. Transportation is not provided to the clinical site. After successful demonstration of core competencies required by the Minnesota Nursing Board and the student turning 16, they will be eligible to sit for the Minnesota Nursing Assistant Exam.

Bioethics
Course Number: 096900
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: In this course, you will explore the impact of scientific discovery on society and learn genetic engineering, organ transplants and euthanasia.
Exploring Health Careers
Course Number: 123200
Earn college credit in high school - This course qualifies for articulated college credit. See page 40 for more information.

Note: 10th graders will be given registration priority for this course, as it is a recommended pre-requisite for the OEC course sequence.

Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: This course will detail various career options within the healthcare realm, as well as specific aspects of healthcare such as medical ethics, safety practices, medical/legal issues, and generic human resource knowledge related to obtaining a job in healthcare.

Health for Medical Careers-Abstinence Based
Course Number: 066300

Note: This course is taught at an accelerated pace compared to other Health classes.

Prerequisite: None
Fulfills graduation requirement for: Health
Grade Level: 9-12
Course Description: This course explores the concepts of health & wellness, nutrition, and sexuality— with additional information related to medical careers. The human sexuality unit of this course is designed to encourage sexual abstinence as the best choice for teens. Contraceptive methods are identified and described, as well as method effectiveness and risks involved in their use.

Health Science Biology A, B, C
Course Number: 093301; 093302; 093303
Must register for all 3 trimesters

Note: High Performance course; designed for students academically talented and gifted in science

Prerequisite: None
Fulfills graduation requirement for: Biology
Grade Level: 11
Course Description: See page 28 for details.

Health Science Chemistry A, B, C
Course Number: 094201; 094202; 094203
Must register for all 3 trimesters

Prerequisite: “C” or better in Non Linear Algebra
Fulfills graduation requirement for: Chemistry or Physics
Grade Level: 10
Course Description: This course teaches essential chemistry concepts to college-bound students and is designed for students interested in careers in medicine, health care or biochemistry.

Medical Terminology
Course Number: 123300
Earn college credit in high school - This course qualifies for articulated college credit. See page 40 for more information.

Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: This course explores the terminology commonly used in health & medicine, and will explore both the origins of the terms used, but also their application to body systems and healthcare in general.

Emergency Medical Responder ONLINE
Blended e-Learning
Course Number: 124200

Note: Two trimester class, must register for both trimesters/one credit earned each trimester. Students must be 18 years old and have proof of graduation or anticipated graduation to take the state test.

Prerequisite: None. Must have computer access outside of school.
Fulfills graduation requirement for: Elective
Grade Level: 11-12
Course Description: The online e-learning modules for this course take approximately 30 hours to complete, with an additional 24 hours of direct skill instruction, which is mandated to certification testing. You will study anatomy and physiology, the body systems, medical terminology, vital signs, and more.

Medical Terminology ONLINE
Course Number: 124300

Note: Two trimester class, must register for both trimesters/one credit earned each trimester. Students must be 18 years old and have proof of graduation or anticipated graduation to take the state test.

Prerequisite: None. Must have computer access outside of school.
Fulfills graduation requirement for: Elective
Grade Level: 12
Course Description: The online e-learning modules for this course take approximately 90 hours to complete. You will learn federal laws, medical reviews and aseptic technique as it relates to practical applications of pharmacy practice.
<table>
<thead>
<tr>
<th>Course Name</th>
<th>Course Number</th>
<th>Must take all trimesters</th>
<th>Prerequisite:</th>
<th>Fulfills graduation requirement for:</th>
<th>Grade Level:</th>
<th>Course Description</th>
<th>Calculator Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non Linear Algebra A, B, C</td>
<td>082201; 082202; 082203</td>
<td>Must take all 3 trimesters</td>
<td>Successful completion of Linear Algebra</td>
<td>Non Linear Algebra</td>
<td>9-12</td>
<td>This course is organized around families of functions, with a special emphasis on exponential, rational and quadratic functions. A TI 30 XIIS or TI 34 II calculator is recommended.</td>
<td>TI 30 XIIS or TI 34 II</td>
</tr>
<tr>
<td>Geometry A, B, C</td>
<td>083201; 083202; 083203</td>
<td>Must take all 3 trimesters</td>
<td>Successful completion of Non Linear Algebra</td>
<td>Geometry</td>
<td>9-12</td>
<td>In this course you will develop reasoning and problem solving skills. Topics include congruence, similarities and properties of lines, triangles, quadrilaterals and circles. A scientific calculator is recommended.</td>
<td>Scientific Calculator</td>
</tr>
<tr>
<td>HP Geometry A, B, C</td>
<td>085141; 085142; 085143</td>
<td>Must take all 3 trimesters</td>
<td>Successful completion of HP Non Linear Algebra</td>
<td>Geometry</td>
<td>9-12</td>
<td>High Performance Geometry uses the geometry curriculum with enrichment activities. This course will include analyzing properties of two and three dimensional objects, establishing the validity of geometric conjectures, trigonometry, transformations, angles, parallel and perpendicular lines, and triangle relationships. A scientific calculator is recommended.</td>
<td>TI 83, TI 84, or Casio fx-9750GII</td>
</tr>
<tr>
<td>Algebra 2 A, B, C</td>
<td>083501; 083502; 083503</td>
<td>Must take all 3 trimesters</td>
<td>Successful completion of Geometry</td>
<td>Algebra 2</td>
<td>9-12</td>
<td>This course is organized around families of functions including linear, quadratic, exponential, logarithmic, radical and rational functions. It also includes the topics of probability, data analysis and trigonometry. A TI 83, TI 84, or Casio fx-9750GII graphing calculator is recommended.</td>
<td>TI 83, TI 84, or Casio fx-9750GII</td>
</tr>
<tr>
<td>HP Algebra 2 A, B, C</td>
<td>085241; 085242; 085243</td>
<td>Must take all 3 trimesters</td>
<td>High Performance Math. Successful completion of 9th grade Geometry or by teacher recommendation at registration</td>
<td>Algebra 2</td>
<td>9-12</td>
<td>This course enriches the Algebra 2 curriculum. Students interested in this course should be self-motivated, organized and appreciate a challenge. A TI 83, TI 84, or Casio fx-9750GII graphing calculator is recommended.</td>
<td>TI 83, TI 84, or Casio fx-9750GII</td>
</tr>
<tr>
<td>Algebra 3 A, B, C</td>
<td>083801; 083802; 083803</td>
<td>Must take all 3 trimesters</td>
<td>Successful completion of Algebra 2</td>
<td>Math, Elective</td>
<td>11-12</td>
<td>This course advances and strengthens the understanding of algebra. Other advanced algebraic topics may be emphasized. A TI 83, TI 84, or Casio fx-9750GII graphing calculator is recommended.</td>
<td>TI 83, TI 84, or Casio fx-9750GII</td>
</tr>
</tbody>
</table>
**Pre Calculus A, B, C**  
**Course Number:** 084001; 084002; 084003  
Must take all 3 trimesters  
**Prerequisite:** Successful completion of Algebra 2  
**Fulfills graduation requirement for:** Math, Elective  
**Grade Level:** 11-12  
**Course Description:** This course will prepare you for calculus or college level math. It will include an in-depth expanded view of functions and you will master trigonometry. A TI 83, TI 84, or Casio fx-9750GII graphing calculator is recommended.

**HP Pre Calculus A, B, C**  
**Course Number:** 085541; 085542; 085543  
Must take all 3 trimesters  
**Prerequisite:** High Performance Math. Successful completion of HP Algebra 2 or by teacher recommendation at registration.  
**Fulfills graduation requirement for:** Math, Elective  
**Grade Level:** 11-12  
**Course Description:** This course operates at an accelerated pace emphasizing high level thinking skills. You will have creative problem solving which will prepare you for AP calculus or a college level calculus class. Students interested in this course should be self-motivated, organized and appreciate a challenge. A TI 83, TI 84, or Casio fx-9750GII graphing calculator is recommended.

**Calculus A, B, C**  
**Course Numbers:** 084101; 084102; 084103  
Must take all 3 trimesters  
**Prerequisite:** Successful completion of Pre Calculus or HP Pre Calculus  
**Fulfills graduation requirement for:** Math, Elective  
**Grade Level:** 11-12  
**Course Description:** This course is for prospective math majors and those whose primary interests are in engineering, physics, business or the life sciences. It includes an intensive review of the topics from algebra, and covers topics normally covered in the first semester of college calculus. A TI 83, TI 84, or Casio fx-9750GII graphing calculator is recommended.

**AP Calculus A, B, C**  
**Course Number:** 085671; 085672; 085673  
Must take all 3 trimesters  
**Prerequisite:** HP Pre Calculus with a “B” or above or by teacher recommendation at registration.  
**Fulfills graduation requirement for:** Math, Elective  
**Grade Level:** 11-12  
**Course Description:** This course is similar to college calculus and covers such topics as analytic geometry, functions, limits, continuity, differentiations with applications, integration, logarithmic, exponential and trigonometric functions. Students interested in this course should be self-motivated, organized and appreciate a challenge. A TI 83, TI 84, or Casio fx-9750GII graphing calculator is recommended.

**AP Statistics A, B, C**  
**Course Number:** 085871; 085872; 085873  
Must take all 3 trimesters  
**Prerequisite:** Successful completion of Algebra 2  
**Fulfills graduation requirement for:** Math, Elective  
**Grade Level:** 11-12  
**Course Description:** This course is designed to cover all the AP Statistics topics before the AP exam for probability and statistics. Students interested in this course should be self-motivated, organized and appreciate a challenge. A TI 83, TI 84, or Casio fx-9750GII graphing calculator is recommended.
### BAND

**Band 9 A, B, C**  
Course Number: 054001; 054002; 054003  
Must take all 3 trimesters  
Prerequisite: 8th grade band or teacher permission  
Fulfills graduation requirement for: Arts  
Grade Level: 9  
Course Description: This course is the gateway to the high school band program. Your musical skills are continuing to develop, and you are ready to explore more challenging and interesting band music. In daily band rehearsals you will be learning more advanced playing techniques and expanding your knowledge of music and music theory. The band also performs several evening concerts throughout the year and your participation in these concerts is required.

**Varsity Band A, B, C**  
Course Number: 056001; 056002; 056003  
Must take all 3 trimesters  
Prerequisite: 9th grade band or teacher permission  
Fulfills graduation requirement for: Arts  
Grade Level: 10-12  
Course Description: You will be exposed to a variety of music and you will expand your instrumental skills. This course will included several performances throughout the year. Registration for this band requires a full-year commitment.

**Symphonic Band A, B, C**  
Course Number: 056201; 056202; 056203  
Must take all 3 trimesters  
Prerequisite: 10th grade band or teacher permission  
Fulfills graduation requirement for: Arts  
Grade Level: 11-12  
Course Description: In this course, you will continue to develop your musical knowledge and skills in band. This course will include several performances throughout the year. Registration for this band requires a full-year commitment.

**Concert Band A, B, C**  
Course Number: 056401; 056402; 056403  
Must take all 3 trimesters  
Prerequisite: Must audition for this band placement  
Fulfills graduation requirement for: Arts  
Grade Level: 9-12 (9th & 10th grade by Audition only)  
Course Description: This course is for the most advanced instrumentalists. Placement will depend on instrumentation needs of the ensemble, demonstrated skills of individuals, and director discretion. This course will included extensive performances throughout the year. Registration for this band requires a full-year commitment.

### JAZZ ENSEMBLE

**Jazz Ensemble A, B**  
Course Number: 057501; 057502  
Note: This course is a two-trimester commitment.  
Prerequisite: Concurrent enrollment in instrumental performance group and permission from teacher.  
Fulfills graduation requirement for: Arts  
Grade Level: 9-12  
Course Description: This course is an enrichment experience for saxophone, trombone, trumpet, piano, drums and guitar players. This course comes with an extensive schedule of performances.

**Jazz Improvisation**  
Course Number: 057400  
Prerequisite: Concurrent enrollment in instrumental performance group and permission from teacher.  
Fulfills graduation requirement for: Arts  
Grade Level: 9-12  
Course Description: This course is an enrichment experience for saxophone, trombone, trumpet, piano, drums and guitar players. This course comes with an extensive schedule of performances.

### ORCHESTRA

**Orchestra 9 A, B, C**  
Course Number: 054101; 054102; 054103  
Must take all 3 trimesters  
Prerequisite: 8th grade Orchestra or teacher permission  
Fulfills graduation requirement for: Arts  
Grade Level: 9  
Course Description: This course is the gateway to the high school orchestra program. As your skills develop, so does the satisfaction you gain from playing your instrument! In daily orchestra rehearsals you will be learning more advanced playing techniques and expanding your knowledge of music and music theory. The orchestra also performs several evening concerts throughout the year and your participation in these concerts is required.

**Chamber Orchestra A, B, C**  
Course Number: 057101; 057102; 057103  
Must take all 3 trimesters  
Prerequisite: Orchestra 9 or teacher permission  
Fulfills graduation requirement for: Arts  
Grade Level: 10-12  
Course Description: In this level of string orchestra, you will gain ensemble experience and reflect upon music and musical performance. Chamber Orchestra is a group that focuses on building and reinforces a technical base that will be needed to perform in the top ensemble (Symphony Orchestra). This course will include several performances throughout the year. Registration for this orchestra requires a full-year commitment.
**Symphonic Orchestra A, B, C**  
Course Number: 057001; 057002; 057003  
Must take all 3 trimesters  
**Prerequisite:** Chamber Orchestra or teacher permission  
**Fulfills graduation requirement for:** Arts  
**Grade Level:** 10-12  
**Course Description:** In this level of orchestra, you will gain more experience, further deepen your skills, and learn to perform in a full orchestra setting, with winds, percussions AND strings, and reflect upon music and musical performance. This course will include several performances throughout the year. Registration for this orchestra requires a full-year commitment.

**Concert Choir A, B, C**  
Course Number: 055201; 055202; 055203  
Must take all 3 trimesters  
**Prerequisite:** Must audition for choir placement  
**Fulfills graduation requirement for:** Arts  
**Grade Level:** 9-12  
**Course Description:** As a member of this higher-level choir, you will gain ensemble experience and develop your musical knowledge and skills, and reflect upon music and musical performance. You may also work on solo and small group ensembles. This course will include several performances throughout the year. Registration for choir requires a full-year commitment.

**Choir 9 A, B, C**  
Course Number: 054201; 054202; 054203  
Must take all 3 trimesters  
**Prerequisite:** 8th grade choir or teacher permission  
**Fulfills graduation requirement for:** Arts  
**Grade Level:** 9  
**Course Description:** This choir is your gateway to the chorale program in high school. This choir is for all students who enjoy singing. You will be exposed to a variety of music, continue to develop your performance skills, and expand your knowledge of music and music theory. This choir performs several evening concerts throughout the year and your participation in these concerts is required.

**Varsity Choir A, B, C**  
Course Number: 055001; 055002; 055003  
Must take all 3 trimesters  
**Prerequisite:** Successful Middle School/Junior High experience and/or by audition  
**Fulfills graduation requirement for:** Arts  
**Grade Level:** 9-12  
**Course Description:** You will expand your ensemble experience. You will sing music that spans time and cultures. This course will include several performances throughout the year. Registration for choir requires a full-year commitment.

**Women’s Chorale A, B, C**  
Course Number: 055101; 055102; 055103  
Must take all 3 trimesters  
**Prerequisite:** Must audition for choir placement  
**Fulfills graduation requirement for:** Arts  
**Grade Level:** 9-12  
**Course Description:** As a member of this higher-level choir, you will gain ensemble experience and develop your musical knowledge and skills and reflect upon music and musical performance. This course will include several performances throughout the year. Registration for choir requires a full-year commitment.

**Garage Band**  
Course Number: 057300  
**Prerequisite:** Strong interest in writing your own music.  
**Fulfills graduation requirement for:** Arts  
**Grade Level:** 9-12  
**Course Description:** In this course, you will study and compose music using the “Garage Band” app and other classroom resources. This is a perfect class for students who love music and were not enrolled in band, orchestra, or choir in middle school/junior high.

**Music Theory**  
Course Number: 058100  
**Prerequisite:** Current participation in band, orchestra or choir, or with permission from instructor following successful completion of entrance exam.  
**Fulfills graduation requirement for:** Arts  
**Grade Level:** 9-12  
**Course Description:** If you plan to study music in college, this is a valuable class for you. You will deepen your knowledge and understanding of the music elements, and build a solid foundation in ear training, sight singing, and analysis.

**Solo Performance Lab**  
Course Number: 057601; 057602; 057603  
**Note:** May be taken for one trimester or more; specify trimester by course number. May not be offered all trimesters.  
**Prerequisite:** Teacher interview  
**Fulfills graduation requirement for:** Arts  
**Grade Level:** 9-12  
**Course Description:** You will have the opportunity to have extra time to develop your solo performance skills or learn a secondary instrument through individual coaching by either the band, orchestra, or choir teacher.
Beginning Guitar A  
Course Number: 057701  
Note: Must use acoustic nylon string guitar. School will provide guitars.  
Prerequisite: None.  
Fulfills graduation requirement for: Arts  
Grade Level: 9-12  
Course Description: For the student with little or no experience on the guitar. You will learn basic playing skills and learn to read basic music.  

Beginning Guitar B  
Course Number: 057702  
Note: Must use acoustic nylon string guitar. School will provide guitars.  
Prerequisite: Pass Beginning Guitar A with a “B” or better, or instructor permission.  
Fulfills graduation requirement for: Arts  
Grade Level: 9-12  
Course Description: You will continue to expand your skills as a guitarist. You will learn several styles of music and then be able to focus of the style you like most.  

Beginning Guitar C  
Course Number: 057703  
Note: Must use acoustic nylon string guitar. School will provide guitars.  
Prerequisite: Pass Beginning Guitar B with a “B” or better, or instructor permission.  
Fulfills graduation requirement for: Arts  
Grade Level: 9-12  
Course Description: You will continue to study various styles of music and will perform as a soloist and as part of a group. At least one performance outside of class is required.  

PHYSICAL EDUCATION AND HEALTH  

HEALTH  
Choose one. Please read descriptions carefully.  

Health Education Abstinence Based  
Course Number: 066100  
Note: Can be taken at any grade level 9-12  
Prerequisite: None  
Fulfills graduation requirement for: Health  
Grade Level: 9-12  
Course Description: The focus of this course is centered on decision making, rights, respect and responsibilities of healthy people. The goal of this Human Sexuality unit is to encourage sexual abstinence as the best choice for teens. Students are encouraged to seek support and advice from their family and other community resources. Contraceptive methods are identified and described and method effectiveness and risks are defined.  

Health Education Abstinence Until Marriage  
Course Number: 066200  
Note: Can be taken at any grade level 9-12  
Prerequisite: None  
Fulfills graduation requirement for: Health  
Grade Level: 9-12  
Course Description: The focus of this course is centered on decision making, rights, respect and responsibilities of healthy people. The goal of this Human Sexuality unit is to guide and empower students to remain abstinent until marriage. Students are encouraged to seek support and advice from their parents/guardian and their faith community, if any. Contraceptive methods are discussed within the context of their failure rates only.  

Health Education Abstinence Based Blended  
Course Number: 066500  
Note: Can be taken at any grade level 9-12  
Prerequisite: None  
Fulfills graduation requirement for: Health  
Grade Level: 9-12  
Course Description: See course description above. Blended classes are designed to meet the same standards as a traditional course, and provide the same level of rigorous work. This provides the best of both worlds. They have a teacher to meet with for personal and small class instruction and a robust online learning site. After the routines of the class are established, students will meet in class regularly with the instructor. Other days, they are responsible for online work and will not meet in the classroom.  

Health for Medical Careers-Abstinence Based  
Course Number: 066300  
Note: The course is faster paced than the other Health classes. Can be taken at any grade level 9-12  
Prerequisite: None  
Fulfills graduation requirement for: Health  
Grade Level: 9-12  
Course Description: The course is centered on decision making, rights, respect and responsibilities of healthy people with a focus on how this fits in the medical field. The goal of this Human Sexuality unit is to encourage sexual abstinence as the best choice for teens. Students are encouraged to seek support and advice from their family and other community resources. Contraceptive methods are identified and described and method effectiveness and risks are defined. This Health class includes all of the health standards and additional information related to medical careers.
LIFE FITNESS

Course Number: 063100
Note: Can be taken at any grade level 9-12
Prerequisite: None
Fulfills graduation requirement for: Life Fitness
Grade Level: 9-12
Course Description: In this required course you will learn to select appropriate physical activities and nutritional practices, and you will demonstrate an understanding of activities to improve your lifestyle.

PHY ED ELECTIVES

Note: Students may choose 1 PE elective per trimester.

Club Fitness Lab
Course Number: 064701; 064702; 064703
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: This course is geared toward women and includes activities that are similar to those in health clubs, such as dance, self defense, Pilates and core strengthening, like yoga.

Competitive Sports Lab
Course Number: 064601; 064602; 064603
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: This course is for the higher skilled player who wants to participate at a competitive level. The activities include: football, basketball, volleyball, soccer, badminton, pickleball, ultimate Frisbee, softball and floor hockey.

Nets and Racquets Lab
Course Number: 064101; 064102; 064103
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: In this course you will learn basic striking skills for sports using a racquet and/or net. It will include basic strategies and rules.

Positive Direction
Course Number: 066400
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: In this class students are encouraged to look at “self” and how one needs to develop self-awareness in order to become all you can be. This course is made of up 6 components: self-image/self-esteem; value of failure; people skills; coping with stress; success consciousness; dreams, goals and achievement.

Recreational Sports Lab
Course Number: 064201; 064202; 064203
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: The emphasis of this course is on basic skills of sports in a recreational setting. Receiving Rules, strategies, techniques, vocabulary and etiquette are covered.

Self Defense
Course Number: 064301; 064302; 064303
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: In this course, students will learn skills and techniques to enhance personal safety including, but not limited to: boxing and striking as a means of self-defense, martial arts and safety submissions. It will include tips to help identify potentially harmful situations, as well as practical and proactive steps one should take if they find themselves in danger. This course will also help improve students’ knowledge, self-confidence, body awareness and physical fitness.

Strength and Conditioning Lab
Course Number: 064801; 064802; 064803
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: In this course you will improve your strength for all major muscle groups. This course is in the weight room and you will lift both free weight and machine weights. Both males and females are encouraged to take this course.

Wheels, Blades, Xtremes Lab
Course Number: 064501; 064503
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: In this course you will roller blade in the fall and ice skate in the winter.

Note: Can be taken at any grade level 9-12
Prerequisite: None
Fulfills graduation requirement for: Life Fitness
Grade Level: 9-12
Course Description: In this required course you will learn to select appropriate physical activities and nutritional practices, and you will demonstrate an understanding of activities to improve your lifestyle.

Club Fitness Lab
Course Number: 064701; 064702; 064703
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: This course is geared toward women and includes activities that are similar to those in health clubs, such as dance, self defense, Pilates and core strengthening, like yoga.

Competitive Sports Lab
Course Number: 064601; 064602; 064603
Prerequisite: None
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## SCIENCE

### Class of 2019+

**Science Scope and Sequence**

<table>
<thead>
<tr>
<th>Class of 2019</th>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Pathway</strong></td>
<td>Physical Science 9</td>
<td>Chemistry in the Community OR Chemistry</td>
<td>Biology</td>
<td>Accelerated Science Course* AND/OR Physics</td>
</tr>
<tr>
<td><strong>General Pathway</strong></td>
<td>Physics First</td>
<td>Chemistry in the Community OR Chemistry</td>
<td>Biology</td>
<td>Accelerated Science Course* AND/OR Physics</td>
</tr>
<tr>
<td><strong>Health Science Pathway</strong></td>
<td>Physics First</td>
<td>Health Science Chemistry</td>
<td>Health Science Biology</td>
<td>Accelerated Science Course* AND/OR Physics</td>
</tr>
<tr>
<td><strong>Honors Pathway</strong></td>
<td>Physics First</td>
<td>High Performance Chemistry</td>
<td>High Performance Biology</td>
<td>Accelerated Science Course* AND/OR High Performance Physics</td>
</tr>
</tbody>
</table>

### Class of 2018

**Science Scope and Sequence**

<table>
<thead>
<tr>
<th>Class of 2018</th>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
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</tr>
</tbody>
</table>

* Accelerated Course Options may include, but are not limited to; AP Biology, AP Chemistry, AP Physics, College In the School Anatomy, and Forensics

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### Physical Science 9 A, B, C

**Course Number:** 092101; 092102; 092103

- Must register for all 3 trimesters
- **Prerequisite:** None
- **Fulfills graduation requirement for:** Science 9
- **Grade Level:** 9

**Course Description:** This course satisfies the ninth grade science requirement for graduation by combining two trimesters of introductory chemistry with one trimester of physics. The emphasis will be on learning the basic concepts of force, motion and energy along with a greater understanding of the structure of matter, radioactivity and applying those concepts of matter & energy to the earth systems.

### HP Physics First A, B, C

**Course Number:** 092471; 092472; 092473

- Must register for all 3 trimesters
- **Prerequisite:** Must successfully use algebraic equations to solve real world examples and able to manipulate an equation such as P=W/t and solve any of the three variables
- **Fulfills graduation requirement for:** Science 9
- **Grade Level:** 9

**Course Description:** This course covers physics topics at an accelerated pace and with more depth than Physics First. Students should have average to above average math skills. This course also satisfies the ninth grade science requirement for graduation and allows students to advance towards all levels of chemistry, however it is the required course for Health Science Chemistry and High Performance Chemistry. It will provide a chance to develop a deeper understanding of concepts related to mechanics, fluids, thermodynamics, waves (sound and light), **electricity** and magnetism.

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Is High Performance or Advanced Placement right for you? See chart on page 4 and talk to your Science teacher.
Is Advanced Placement (AP) or High Performance (HP) right for you?

See chart on page 4 and talk to your Science teacher.

Chemistry in The Community A, B, C
Course Number: 095001; 095002; 095003
Must register for all 3 trimesters
Prequisite: None
Fulfills graduation requirement for: Chemistry or Physics
Grade Level: 10
Course Description: This chemistry course is taught with a conceptual approach for students who may or may not be college-bound. The emphasis will be on the basics of chemistry and the application of chemistry to every day situations or issues in society.

Chemistry in The Community Blended A, B, C
Course Number: 095701; 095702; 095703
Must register for all 3 trimesters
Prequisite: None
Fulfills graduation requirement for: Chemistry or Physics
Grade Level: 10
Course Description: This chemistry course is taught with a conceptual approach for students who may or may not be college-bound. The emphasis will be on the basics of chemistry and the application of chemistry to every day situations or issues in society.

Blended classes are designed to meet the same standards as a traditional course, and provide the same level of rigorous work. This provides the best of both worlds. They have a teacher to meet with for personal and small class instruction and a robust online learning site. After the routines of the class are established, students will meet in class regularly with the instructor. Other days, they are responsible for online work and will not meet in the classroom.

Chemistry A, B, C
Course Number: 094101; 094102; 094103
Must register for all 3 trimesters
Prequisite: Passed Non Linear Algebra with a “C” or better
Fulfills graduation requirement for: Chemistry or Physics
Grade Level: 10
Course Description: This course teaches the basics of chemistry with applications to real world situations. It is math based with technical reading. This would be a course for college-bound students who do not necessarily intend to enter a scientific field.

Health Science Chemistry A, B, C
Course Number: 094201; 094202; 094203
Must register for all 3 trimesters
Prequisite: Passed Non Linear Algebra with a “C” or better
Fulfills graduation requirement for: Chemistry or Physics
Grade Level: 10
Course Description: This course teaches essential chemistry concepts to college-bound students and is designed for students interested in careers in medicine, health care or biochemistry.

HP Chemistry A, B, C
Course Number: 094441; 094442; 094443
Must register for all 3 trimesters
Note: High Performance course; designed for students academically talented and gifted in science
Prequisite: Passed Non Linear Algebra with a “C” or better.
Fulfills graduation requirement for: Chemistry or Physics
Grade Level: 10
Course Description: This course covers the basics of chemistry at an accelerated pace and in-depth coverage. Laboratory work is important, so strong math, reading, and writing skills are necessary.

AP Chemistry A, B, C
Course Number: 094671; 094672; 094673
Must register for all 3 trimesters
Note: Advanced Placement Course
Prequisite: Completion of Algebra 2 with a “B” average or better. Chemistry or current teacher recommendation and completion of summer learning.
Fulfills graduation requirement for: Chemistry or Physics
Grade Level: 11-12
Course Description: This course is designed to be the equivalent of the introductory chemistry course taken by college students in their freshman year. Students will attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. The course will contribute to the development of the students’ abilities to express their ideas, orally and in writing, with clarity and logic.
NOTE: It is recommended that students who take this course participate in the AP exam. A qualifying score on the exam, as determined by individual colleges and universities, may allow the student to test out of some college courses or to receive college course credits.
Is Advanced Placement (AP) or High Performance (HP) right for you?

See chart on page 4 and talk to your Science teacher.

### Biology A, B, C
**Course Number:** 093201; 093202; 093203
Must register for all 3 trimesters

**Prerequisite:** None

**Fulfills graduation requirement for:** Biology

**Grade Level:** 11

**Course Description:** This is the study of how organisms interrelate with each other and the environment. It includes the study of cells and cell functions, DNA and its role in evolution, and the study of human systems.

### Health Science Biology A, B, C
**Course Number:** 093301; 093302; 093303
Must register for all 3 trimesters

**Note:** High Performance course; designed for students academically talented and gifted in science

**Prerequisite:** None

**Fulfills graduation requirement for:** Biology

**Grade Level:** 11

**Course Description:** This course teaches basic biological concepts from a medically-oriented viewpoint. Cellular and molecular levels of life are emphasized. This course uses the composition of the human body at the tissues and organ-system levels to show the relationship between structure and functions. This course is designed and taught to provide basic data for students interested in careers in medicine, health care and biotechnology. The student will study the basic human body plan, biochemistry, cell structure and function, and tissues of the human body. The body systems studied include the skeletal, muscular, respiratory, circulatory, nervous, digestive, excretory, endocrine, reproductive, and developmental systems. Units on genetics and immunology are also included. Students are introduced to the ethics and use of Biotechnology in the real world. They have an opportunity to become crime scene investigators and think more critically like a real life scientist. They analyze DNA samples of various suspects to determine who was responsible for the crime as well as determine their motive.

### HP Biology A, B, C
**Course Number:** 093441; 093442; 093443
Must register for all 3 trimesters

**Note:** High Performance course; designed for students academically talented and gifted in science

**Prerequisite:** Passed Algebra 2 with a “C” or better.

**Fulfills graduation requirement for:** Biology

**Grade Level:** 11

**Course Description:** This course covers the same concepts as Physics, at an accelerated pace and more in-depth. You will produce quality lab reports, be able to manipulate mathematical concepts easily and work independently.

### AP Biology A, B, C
**Course Number:** 092371; 092372; 092373
Must register for all 3 trimesters

**Note:** High Performance course; designed for students academically talented and gifted in science.

**Prerequisite:** Biology or current teacher recommendation and completion of summer learning

**Fulfills graduation requirement for:** Biology

**Grade Level:** 12

**Course Description:** The two main goals of AP Biology are to help students develop a conceptual framework for contemporary biology and to help students gain an appreciation of science as a process. Primary emphasis in an AP Biology course is on developing an understanding of concepts rather than on memorizing terms and technical details. AP Biology provides an opportunity to take a college-level course in high school. Taking an AP course will enhance your confidence and you will be better prepared for college.

### Physics A, B, C
**Course Number:** 095101; 095102; 095103
Must register for all 3 trimesters

**Prerequisite:** Passed Geometry with a “C” or better.

**Fulfills graduation requirement for:** Chemistry or Physics

**Grade Level:** 11-12

**Course Description:** This course studies the relationships between energy and matter that occur in the physical world. This course is designed for the student who plans to continue education beyond high school, but not necessarily in a science-related career.

### HP Physics A, B, C
**Course Number:** 095341; 095342; 095343
Must register for all 3 trimesters

**Note:** High Performance course; designed for students academically talented and gifted in science

**Prerequisite:** Passed Algebra 2 with a “C” or better.

**Fulfills graduation requirement for:** Chemistry or Physics

**Grade Level:** 11-12

**Course Description:** This course covers the same concepts as Physics, at an accelerated pace and more in-depth. You will produce quality lab reports, be able to manipulate mathematical concepts easily and work independently.
<table>
<thead>
<tr>
<th>Course</th>
<th>Course Number</th>
<th>Prerequisite</th>
<th>Fulfills graduation requirement for</th>
<th>Grade Level</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Animal Behavior</td>
<td>096100</td>
<td>None</td>
<td>Elective</td>
<td>9-12</td>
<td>This is a hands-on study of the behavior of animals using observation, labs and comparative analysis.</td>
</tr>
<tr>
<td>Animal Kingdom</td>
<td>096200</td>
<td>None</td>
<td>Elective</td>
<td>9-12</td>
<td>In this course, you will learn about the diversity of animal life, and the way they use their bodies to succeed in their environment. This will be done using dissection, microscope work, and research.</td>
</tr>
<tr>
<td>Astronomy</td>
<td>096600</td>
<td>None</td>
<td>Elective</td>
<td>9-12</td>
<td>This course focuses on the ecology of Minnesota wildlife through hands-on class and field research.</td>
</tr>
<tr>
<td>Bioethics</td>
<td>096900</td>
<td>None</td>
<td>Elective</td>
<td>9-12</td>
<td>This course studies the reasonableness of human choices and actions that occur during scientific investigation and discoveries. Topics could include: organ transplant, genetic engineering, euthanasia and animal rights.</td>
</tr>
<tr>
<td>Human Anatomy &amp; Physiology A, B, C</td>
<td>097701; 097702; 097703</td>
<td>Passed Biology or concurrently registered in Biology</td>
<td>Elective</td>
<td>11-12</td>
<td>Are you interested in a career within the field of medicine, nursing, dentistry, physical therapy, or sports medicine? If so, this course is for you! It is designed to provide an introduction to these interests as well as prepare you for a college anatomy class.</td>
</tr>
<tr>
<td>Wildlife Biology</td>
<td>093900</td>
<td>None</td>
<td>Elective</td>
<td>9-12</td>
<td>This course focuses on the ecology of Minnesota wildlife through hands-on class and field research.</td>
</tr>
</tbody>
</table>
The required social studies classes needed to meet the MN graduation requirements has changed for students, beginning with the Class of 2020.

In the fall of 2016, students in grade 9 registered for Human Geography, the study of patterns and processes that have shaped human understanding, use, and alteration of Earth’s surface and will include the examination of populations, movement, culture, language, religion, industrialization, and land use. Students do have the opportunity to take AP Human Geography to meet the graduation requirements.

### Graduation requirements for students in the Class of 2020 and beyond:

<table>
<thead>
<tr>
<th>Social Studies</th>
<th>Grade 9</th>
<th>Grade 10</th>
<th>Grade 11</th>
<th>Grade 12</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Human Geography</td>
<td>2 credits</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>or *AP Human Geography</td>
<td></td>
<td>*3 credits</td>
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<tr>
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<tr>
<td>or *AP US History</td>
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<td>*3 credits</td>
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<tr>
<td>World History &amp; Geography</td>
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<td>3 credits</td>
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<tr>
<td>or *AP World History</td>
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<tr>
<td>Economics</td>
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<tr>
<td>or *AP Microeconomics</td>
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<td>*1 credit</td>
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<tr>
<td>Government and Citizenship</td>
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<td>1 credit</td>
</tr>
<tr>
<td>or *AP US Gov’t and Politics</td>
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<td>*2 credits</td>
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</tbody>
</table>

**TOTAL CREDITS** 10 credits

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### Graduation requirements for students in the Class of 2018, 2019:

<table>
<thead>
<tr>
<th>Social Studies</th>
<th>Grade 9</th>
<th>Grade 10</th>
<th>Grade 11</th>
<th>Grade 12</th>
<th>Total</th>
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<tbody>
<tr>
<td>U.S. History 9</td>
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<td>U.S. History 10</td>
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</tr>
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<td>*2 credits</td>
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</table>

**TOTAL CREDITS** 10 credits
### Social Studies Required Courses

Is Advanced Placement (AP) right for you? See chart on page 4 and talk to your Social Studies teacher.

#### 9th Grade Graduation Requirement

Choose one of the following—See chart on page 4 for AP information

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Number</th>
<th>Prerequisite</th>
<th>Fulfills graduation requirement for</th>
<th>Grade Level</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Human Geography 9 A, B</strong></td>
<td>072401; 072402</td>
<td>None</td>
<td>Human Geography 9</td>
<td>9</td>
<td>In this required course, you will study humans and their interaction with their surroundings. Topics will include: Identity/Culture Migration, Resource Consumption, Global Development, Population Growth and Globalization.</td>
</tr>
<tr>
<td><strong>AP Human Geography A, B, C</strong></td>
<td>072471; 072472; 072473</td>
<td>None</td>
<td>Human Geography</td>
<td>9</td>
<td>In this college level course, students will be introduced to the systematic study of Human Geography. Topics covered in this course include population, movement, culture, language, religion, industrialization, and land use. Students will learn and employ the methods of geographers and will develop a geographic perspective with which they view the landscape and understand current events. This course offers students their first opportunity to experience an AP course. Taking an AP course can enhance your academic confidence and better prepare you for college. Students are encouraged to take the AP exam.</td>
</tr>
</tbody>
</table>

#### 10th Grade Graduation Requirement

Choose one of the following—See chart on page 4 for AP information

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Number</th>
<th>Prerequisite</th>
<th>Fulfills graduation requirement for</th>
<th>Grade Level</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>U. S. History 10 A, B, C</strong></td>
<td>073101; 073102; 073103</td>
<td>None</td>
<td>U. S. History 10</td>
<td>10</td>
<td>In this required course, you will analyze U. S. History from pre-colonization to the present. The focus will be on social, political, cultural, and economic history.</td>
</tr>
<tr>
<td><strong>AP U. S. History 10 A, B, C</strong></td>
<td>073271; 073272; 073273</td>
<td>None</td>
<td>U. S. History 10</td>
<td>10</td>
<td>This is a college-level course that covers U. S. History from European colonization to the present. You should be able to work independently and read advanced texts. Additional themes include: American diversity, identity culture, and economic transformation.</td>
</tr>
</tbody>
</table>
### World History and Geography A, B, C

**Course Number:** 073401; 073402; 073403

- **Must take all 3 trimesters**
- **Prerequisite:** None. Students should pass this course in sequential order.
- **Fulfills graduation requirement for:** World History and Geography

**Grade Level:** 11

**Course Description:** Each trimester of this required course will focus on a unique region of the world. You will explore the historical and geographic impacts on the world cultures and civilizations from ancient and modern times.

### World History and Geography Blended A, B, C

**Course Number:** 073401B; 073402B; 073403B

- **Must take all 3 trimesters**
- **Prerequisite:** Instructor Approval. Students should pass this course in sequential order.
- **Fulfills graduation requirement for:** World History and Geography

**Grade Level:** 11

**Course Description:** Each trimester of this required course will focus on a unique region of the world. You will explore the historical and geographic impacts on the world cultures and civilizations from ancient and modern times.

- Blended classes are designed to meet the same standards as a traditional course, and provide the same level of rigorous work. This provides the best of both worlds. They have a teacher to meet with for personal and small class instruction and a robust online learning site. After the routines of the class are established, students will meet in class regularly with the instructor. Other days, they are responsible for online work and will not meet in the classroom.

### AP World History A, B, C

**Course Number:** 073471; 073472; 073473

- **Must take all 3 trimesters**
- **Note:** Advanced Placement Course, designed for students academically talented and gifted in social studies
- **Prerequisite:** None
- **Fulfills graduation requirement for:** World History and Geography

**Grade Level:** 11

**Course Description:** In this college-level course, you will examine World History from 8,000 BCE to the present through the lenses of geography, culture, politics, economics, and society. Students should be able to work independently and read advanced texts.
### Economics

**Course Number:** 073800  
**Prerequisite:** None  
**Fulfills graduation requirement for:** Economics  
**Grade Level:** 12  
**Course Description:** This course focuses on economics as a social science. You will examine the production, distribution, and consumption of goods and services at a micro and macro level.

**AP Microeconomics**

**Course Number:** 074170  
**Note:** Advanced Placement Course, designed for students academically talented and gifted in social studies  
**Prerequisite:** None  
**Fulfills graduation requirement for:** Economics  
**Grade Level:** 12  
**Course Description:** You will cover basic economic concepts, the nature and functions of product markets, factor markets, market failure and the role of the government. Students should be able to work independently and be above average readers.

### Government and Citizenship

**Course Number:** 073900  
**Prerequisite:** None  
**Fulfills graduation requirement for:** Government & Citizenship  
**Grade Level:** 12  
**Course Description:** In this course you will study the roles of the different branches of government at the national, state, and local levels. You will examine the rights and responsibilities of citizens in a democracy.

**AP U.S. Government and Politics A, B**

**Course Number:** 074271; 074272  
**Note:** Advanced Placement Course, designed for students academically talented and gifted in social studies  
**Prerequisite:** None  
**Fulfills graduation requirement for:** Government & Citizenship  
**Grade Level:** 12  
**Course Description:** In this course you will get an analytical perspective on government and politics in the United States. It also requires familiarity with the various institutions, groups, beliefs and the ideas that constitute U. S. government and politics. Students should be able to work independently and be above average readers.
American Pop Culture
Course Number: 076300
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: This course explores many aspects of American cultures such as people and personalities, special events, entertainment, sports, changing life styles, literature and the arts.

Comparative Religions
Course Number: 076800
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: In this course you will cover the major religions of the world by examining the history, diversity, functions and impact. This course is about religion; it will not promote beliefs.

Crime and Justice
Course Number: 077200
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: You will be introduced to the study of the American criminal justice system, and examine constitutional rights and responsibilities within the system.

History of the American West
Course Number: 076100
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: In this course, you will examine the historical development of the American west, with an emphasis on the analysis of the myths, symbols and historical realities.

International Relations
Course Number: 076700
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: This course uses American history as a foundation in the analysis of foreign policy issues and options.

Psychology
Course Number: 076900
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: In this course you will be introduced to the scientific study of behavior and the mental process. You will explore and analyze human behavior.

AP Psychology A, B
Course Number: 077571; 077572
2 trimester course, must register for both trimester.
Note: Advanced Placement Course, designed for students academically talented and gifted. For AP information, see chart on page 4.
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: In this college level course you will be introduced to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students should be able to work independently and be above average readers.

Race and Culture
Course Number: 004100
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: This course develops students’ critical thinking and analytical skills to understand and evaluate the construction of race in the United States. This class explores subjugated knowledges by amplifying multidimensional resilience in the presence of racism. Topics to be covered include: Identifying and investigating Personal Racial identities, Introduction to Race and Culture, Race, Privilege and Power, Critical Race Theory and Historical Anthropology.

Sociology
Course Number: 077100
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: In this course you will study human social behavior and its origins, development, organizations, and institutions.
**Introduction to Automotive Technology A, B, C**

Course Number: 014201; 014202; 014203

Must register for all 3 trimesters

Students have the opportunity to earn 3 college credits from participating colleges for this course.

Prerequisite: None

Fulfills graduation requirement for: Elective

Grade Level: 9-12

Course Description: In this course you will learn correct procedures for servicing vehicles. You will mount and balance tires, test and replace an alternator and starter, locate electrical problems, and much more. This course is designed for students who are interested in a career in automotive repair or a related field.

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**Advanced Automotive Technology A, B, C**

Course Number: 014301; 014302; 014303

Must register for all 3 trimesters

Students have the opportunity to earn 3 college credits from participating colleges for this course.

Note: two hour class/2 credits earned. Admission by application only. Please see instructor before registering.

Prerequisite: Introduction to Automotive Technology A, B, C

Fulfills graduation requirement for: Elective

Grade Level: 10-12

Course Description: In this course, you will continue to develop the knowledge of automotive repair. Lab exercise will focus on servicing; timing belts, hub bearings, CV shafts, air bags, air conditioning, steering components, alignment, brakes, shocks and struts, computer diagnostics and much more. After completing this course you can be ASE Student Certified.

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**Know Your Auto**

Course Number: 014400

Note: Registration first preference given to 9th and 10th graders.

Prerequisite: None

Fulfills graduation requirement for: Elective

Grade Level: 9-12

Course Description: Learn how to do basic maintenance on your car, change your oil, change a flat tire, jump start your car and be more knowledgeable when bringing your vehicle in for service or buying a car and insurance.

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**Wood Technology**

Course Number: 013700

Prerequisite: None

Fulfills graduation requirement for: Elective, Arts

Grade Level: 9-12

Course Description: You will take quizzes on wood identification, measurement, and safety for 10 machines. After, you will create a practice project of the instructor’s choice and a final project of your choosing with plans you create.
This program offers a sequence of courses, which when combined with higher level math and science skill acquisition, introduces students to the scope, rigor, and discipline of engineering technology prior to entering college. By engaging in hands-on, real-world projects, students understand how the skills they are learning in the classroom can be applied in everyday life. The sequence and comprehensiveness of curriculum makes science, technology and engineering and math (STEM) relevant for students as they solve problems, participate as part of a team, lead teams, conduct research, analyze data, understand real-world impacts, speak to a public audience, and learn outside of the classroom. PLTW courses will allow students to explore their interest in engineering as a career. A college credit examination will earn the student college credit. It is recommended that the student take two PLTW courses prior to taking the exam.

**Engineering 101: PLTW Unleashed**
Course Number: 011900
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: This course is designed to give students a better understanding about the 3 full year courses offered in PLTW. There will be 3 modules in the trimester-long class. Creating products through CAD, solving today’s problems with robotics and coding for the future. This is NOT a college credit course like the full year offerings.

**Intro to Engineering Design (PLTW) A, B, C**
Course Number: 013401; 013402; 013403
Must register for all 3 trimesters
Students have the opportunity to earn 3 college credits from participating colleges for this course.
Prerequisite: None
Fulfills graduation requirement for: Elective, Arts
Grade Level: 9-12
Course Description: You will learn the basic concepts of design and sketching. We will use Autodesk Inventor to create 3D objects that you can print on our 3D printer. There are many projects and hands-on activities that you will be doing the entire year.

**Intro to Engineering Design Blended (PLTW) A, B, C**
Course Number: 014501; 014502; 014503
Must register for all 3 trimesters
Students have the opportunity to earn 3 college credits from participating colleges for this course.
Prerequisite: Instructor Approval
Fulfills graduation requirement for: Elective, Arts
Grade Level: 9-12
Course Description: IED blended gives students an opportunity to earn college credit outside of the school day: at home. Meeting one day a week and performing tasks with Autodesk Inventor and uploading via Schoology, IED blended gives students an opportunity to take a full year course in engineering. See computer specs for detail.

**Principles of Engineering (PLTW) A, B, C**
Course Number: 013201; 013202; 013203
Must register for all 3 trimesters
Students have the opportunity to earn 3 college credits from participating colleges for this course.
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: You will learn advanced concepts and strategies used in engineering-based jobs. Mechanical advantages, programming, robotics, structural analysis are just a few units that we cover. There are many projects and hands-on activities that you will be doing the entire year.

**Computer Science Engineering (PLTW) A, B, C**
Course Number: 014701; 014702; 014703
Must register for all 3 trimesters
Students have the opportunity to earn 3 college credits from participating colleges for this course.
Prerequisite: None
Fulfills graduation requirement for: Elective
Grade Level: 9-12
Course Description: Students create apps for mobile devices, automate tasks in a variety of languages, find patterns in data, and interpret simulations. Students practice problem solving with structured activities and progress to open-ended projects and problems that require them to develop planning, documentation, communication, and other professional skills. Students collaborate to create and present solutions that can improve people’s lives.
**Exploring Art and Media**
Course Number: 043000
Prerequisite: None
Fulfills graduation requirement for: Arts
Grade Level: 9-12
Course Description: This introductory, hands-on course provides students quality experiences in a variety of art media.

**Ceramics A**
Course Number: 043100
Prerequisite: None
Fulfills graduation requirement for: Arts
Grade Level: 9-12
Course Description: You will learn techniques of hand-built and wheel-thrown clay.

**Ceramics B**
Course Number: 043200
Prerequisite: Ceramics A (Ceramics taken in Junior High/Middle School doesn’t fulfill this prerequisite)
Fulfills graduation requirement for: Arts
Grade Level: 9-12
Course Description: You will expand your skills by constructing more complex clay forms.

**Ceramics C**
Course Number: 043300
Prerequisite: Ceramics B (Ceramics taken in Junior High/Middle School doesn’t fulfill this prerequisite)
Fulfills graduation requirement for: Arts
Grade Level: 9-12
Course Description: You will choose your area to advance your skills in wheel throwing, hand building and finishing techniques.

**Ceramics Studio**
Course Number: 043401; 043402; 043403
Note: May be taken for more than one trimester; specify trimester by course number. May not be offered all trimesters.
Prerequisite: Ceramics C and/or permission of instructor (Ceramics taken in Junior High/Middle School doesn’t fulfill this prerequisite)
Fulfills graduation requirement for: Arts
Grade Level: 10-12
Course Description: You will work independently and more in-depth on Ceramics.

**Computer Art A: Digital Photo Shop**
Course Number: 045100
Prerequisite: None
Fulfills graduation requirement for: Arts
Grade Level: 9-12
Course Description: This course is an introduction to digital imaging as used in graphic design.

**Computer Art B: Animation Video**
Course Number: 045200
Prerequisite: Computer Art A
Fulfills graduation requirement for: Arts
Grade Level: 9-12
Course Description: In this course you will learn to create moving images using a variety of animation and video editing.

**Computer Art C: New Media**
Course Number: 045300
Prerequisite: Computer Art A and B or permission of instructor at registration.
Fulfills graduation requirement for: Arts
Grade Level: 9-12
Course Description: In this course you will create video art based on expressive or symbolic images with sounds in conjunction with text and music.

**Computer Art: Studio**
Course Number: 045401; 045402; 045403
Note: May be taken for more than one trimester; specify trimester by course number. May not be offered all trimesters.
Prerequisite: Computer Art A, B, and C or permission of instructor at registration.
Fulfills graduation requirement for: Arts
Grade Level: 10-12
Course Description: In this course you will develop an independent portfolio of work that uses expressive images and sound in conjunction with text and music. You will work independently and more in-depth.
**Drawing A**  
Course Number: 043500  
Prerequisite: None  
Fulfills graduation requirement for: Arts  
Grade Level: 9-12  
Course Description: You will develop creative and technical drawing skills.

**Drawing B**  
Course Number: 043600  
Prerequisite: Drawing A  
Fulfills graduation requirement for: Arts  
Grade Level: 9-12  
Course Description: In this course, you will expand your drawing skills and creative ideas.

**Drawing C**  
Course Number: 043700  
Prerequisite: Drawing A and Drawing B  
Fulfills graduation requirement for: Arts  
Grade Level: 9-12  
Course Description: You will focus on the exploration and development of a personal style of drawing.

**Drawing Studio**  
Course Number: 043801; 043802; 043803  
Note: May be taken for more than one trimester; specify trimester by course number. May not be offered all trimesters.  
Prerequisite: Drawing A, B and C or permission of instructor at registration  
Fulfills graduation requirement for: Arts  
Grade Level: 10-12  
Course Description: Opportunities for individual, partner and small group projects will be available and you will be responsible for displaying your artwork.

**AP Studio Art: Drawing**  
Course Number: 043871; 043872; 043873  
Note: Must register for at least 2 trimesters; specify trimester by course number. **Advanced Placement Course**, designed for students talented and gifted in drawing. For AP information see chart on page 4.  
Prerequisite: Drawing C  
Fulfills graduation requirement for: Arts  
Grade Level: 10-12  
Course Description: This course is designed for those who are seriously interested in the practical experiences of drawing and art. You will be graded on your portfolio of art at the end of the class.

**Jewelry/Art Metal A**  
Course Number: 043900  
Prerequisite: None  
Fulfills graduation requirement for: Arts  
Grade Level: 9-12  
Course Description: You will learn basic fabrication techniques for hand-wrought jewelry and metal work.

**Jewelry/Art Metal B**  
Course Number: 044000  
Prerequisite: Jewelry/Art Metal A  
Fulfills graduation requirement for: Arts  
Grade Level: 9-12  
Course Description: In this class you will expand your knowledge of fabrication techniques.

**Jewelry/Art Metal C**  
Course Number: 044100  
Prerequisite: Jewelry/Art Metal A and Jewelry/Art Metal B  
Fulfills graduation requirement for: Arts  
Grade Level: 9-12  
Course Description: You will develop advanced skills in metal fabrication casting.

**Jewelry/Art Metal: Studio**  
Course Number: 044201; 044202; 044203  
Note: May be taken for more than one trimester; specify trimester by course number. May not be offered all trimesters.  
Prerequisite: Jewelry/Art Metal C and/or permission of instructor  
Fulfills graduation requirement for: Arts  
Grade Level: 10-12  
Course Description: This course is for those who can work independently, and you will be responsible for setting goals, maintaining a portfolio and displaying your work.

**AP Studio Art: 3 Dimensional A, B, C**  
Course Number: 046671; 046672; 046673  
Note: **Advanced Placement Course**, designed for students talented and gifted in Ceramics A and B, or Jewelry A and B. For AP information, see chart on page 4.  
Prerequisite: Ceramics A and B or Jewelry A and B  
Fulfills graduation requirement for: Arts  
Grade Level: 10-12  
Course Description: This course is designed for the student who is seriously interested in the practical experience of art. You will be graded on your portfolio at the end of the class. Please be sure you have met the prerequisites.
Painting A  
Course Number:  044300  
Prerequisite:  None  
Fulfills graduation requirement for:  Arts  
Grade Level:  9-12  
Course Description:  You will use a variety of painting methods and media to apply the elements of art and principles of design in your artwork.

Painting B  
Course Number:  044400  
Prerequisite:  Painting A  
Fulfills graduation requirement for:  Arts  
Grade Level:  9-12  
Course Description:  You will expand your painting techniques and explore new subject matters.

Painting C  
Course Number:  044500  
Prerequisite:  Painting A and Painting B  
Fulfills graduation requirement for:  Arts  
Grade Level:  9-12  
Course Description:  You will focus on your personal painting style. You will display your artwork and maintain a portfolio.

Photography A: Digital Photography  
Course Number:  046401  
Prerequisite:  None  
Fulfills graduation requirement for:  Arts  
Grade Level:  9-12  
Course Description:  You will be introduced to the fundamentals of digital photography and explore lighting, color, compositions, movement, and digital manipulation with Photoshop.

Photography B: Digital and Darkroom Photography  
Course Number:  046402  
Prerequisite:  Photography A  
Fulfills graduation requirement for:  Arts  
Grade Level:  9-12  
Course Description:  This course will introduce a more in-depth experience with traditional black and white photography in the form of various photographic and darkroom printing techniques.

Photography C: Combining New Media  
Course Number:  046403  
Prerequisite:  Photography A and Photography B  
Fulfills graduation requirement for:  Arts  
Grade Level:  9-12  
Course Description:  You will begin applying experimental techniques to your work such as photo transfer and combining images.

Photography: Studio  
Course Number:  046501; 046502; 046503  
Note:  May be taken for more than one trimester; specify trimester by course number. May not be offered all trimesters.  
Prerequisite:  Photography C and/or permission of instructor  
Fulfills graduation requirement for:  Arts  
Grade Level:  10-12  
Course Description:  You will work to develop an independent portfolio.

AP Studio Art: 2 Dimensional A, B, C  
Course Number:  045071; 045072; 045073  
Note:  Advanced Placement Course, designed for students talented and gifted in painting or photography. For AP information, see chart on page 4.  
Prerequisite:  Painting A, B, and C or Photography A and B  
Fulfills graduation requirement for:  Arts  
Grade Level:  10-12  
Course Description:  This course is designed for the student who is seriously interested in the practical experience of art. You will be graded on your portfolio at the end of the class. Please be sure you have met the prerequisites.

Sculpture  
Course Number:  044700  
Prerequisite:  None  
Fulfills graduation requirement for:  Arts  
Grade Level:  9-12  
Course Description:  In this class you will explore contemporary and traditional sculpture using a variety of materials.

AP Art History  
Course Numbers:  
046170 Prehistoric-1200’s  
046270 1300-1700’s  
046370 1800-present  
Note:  Advanced Placement Course, designed for students academically talented and gifted. AP Art History courses are sequential in nature. For AP information, see chart on page 4.  
Students wanting to take the Advanced Placement test for AP Art History should register for all 3 trimesters.  
Students should register for courses in sequential trimesters.  
Prerequisite:  None  
Fulfills graduation requirement for:  Arts  
Grade Level:  9-12  
Course Description:  The Advanced Placement Art History courses; Prehistoric-1200’s, 1300’s-1700’s and 1800’s-Present are designed to introduce students to the history of art created in the European and non-European tradition. Students will demonstrate their knowledge in a variety of formats; reading/discussion, research, comparative analysis of artworks and reflective writing about their observations and interpretations.
French 1 A, B, C  
Course Number: 133101; 133102; 133103 
Must register for all 3 trimesters  
Prerequisite: “C” or better in required English courses  
Fulfills graduation requirement for: Elective  
Grade Level: 9-12  
Course Description: By the end of this course, you will learn the skills to have short conversations about yourself and others. Some topics will be family, food and friends.

French 2 A, B, C  
Course Number: 133201; 133202; 133203 
Must register for all 3 trimesters  
Prerequisite: Successful completion of French 1  
Fulfills graduation requirement for: Elective  
Grade Level: 9-12  
Course Description: You will build on what you learned in level 1. You will be able to communicate more easily with native speakers.

French 3 A, B, C  
Course Number: 133301; 133302; 133303 
Must register for all 3 trimesters  
Prerequisite: Successful completion of French 2  
Fulfills graduation requirement for: Elective  
Grade Level: 9-12  
Course Description: You will continue to work toward fluency. Through fun topics you will apply your learning to real-life situations.

French 4 A, B, C  
Course Number: 133401; 133402; 133403 
Must register for all 3 trimesters  
Prerequisite: Successful completion of French 3  
Fulfills graduation requirement for: Elective  
Grade Level: 9-12  
Course Description: Showcase your language skills by taking a virtual tour of the Francophone world. Explore the people, language, and culture of French-speaking people all over the world.

AP French Language A, B, C  
Course Number: 133571; 133572; 133573 
Must register for all 3 trimesters  
Note: Advanced Placement Course, designed for students academically talented and gifted. For AP information, see chart on page 4.  
Prerequisite: Successful completion of French 4 or successful completion of French 3 and teacher recommendation at registration  
Fulfills graduation requirement for: Elective  
Grade Level: 9-12  
Course Description: This advanced course will expand on basic linguistic functions. Students should be able to work independently and be above-average readers.

Spanish 1 A, B, C  
Course Number: 134201; 134202; 134203 
Must register for all 3 trimesters  
Prerequisite: “C” or better in required English courses  
Fulfills graduation requirement for: Elective  
Grade Level: 9-12  
Course Description: By the end of this course, you will learn the skills to have short conversations about yourself and others. Some topics will be family, food and friends.

Spanish 2 A, B, C  
Course Number: 134301; 134302; 134303 
Must register for all 3 trimesters  
Prerequisite: Successful completion of Spanish 1  
Fulfills graduation requirement for: Elective  
Grade Level: 9-12  
Course Description: You will build on what you learned in level 1. You will be able to communicate more easily with native speakers.

Spanish 3 A, B, C  
Course Number: 134401; 134402; 134403 
Must register for all 3 trimesters  
Prerequisite: Successful completion of Spanish 2  
Fulfills graduation requirement for: Elective  
Grade Level: 9-12  
Course Description: You will continue to work toward fluency. Through fun topics you will apply your learning to real-life situations.

Spanish 4 A, B, C  
Course Number: 134501; 134502; 134503 
Must register for all 3 trimesters  
Prerequisite: Successful completion of Spanish 3  
Fulfills graduation requirement for: Elective  
Grade Level: 9-12  
Course Description: Showcase your language skills by taking a virtual tour of Latin America. Explore the people, language, and culture of our neighbors to the south.

AP Spanish Language A, B, C  
Course Number: 134771; 134772; 134773 
Must register for all 3 trimesters  
Note: Advanced Placement Course, designed for students academically talented and gifted. For AP information, see chart on page 4.  
Prerequisite: Successful completion of Spanish 4 or successful completion of Spanish 3 and teacher recommendation at registration  
Fulfills graduation requirement for: Elective  
Grade Level: 9-12  
Course Description: This advanced course will expand on basic linguistic functions. Students should be able to work independently and be above-average readers.
SPECIAL PROGRAMS AND ADDITIONAL INFORMATION

ARTICULATION AGREEMENTS
(Offered for courses in the following departments: Business Marketing and Information Technology, Family and Consumer Science, Health Science and Technology, and Technology Education. See course descriptions)

Articulation is a process for coordinating the linking of two or more educational systems in MN to help learners make a smooth transition from one level of education to another without experiencing delays, duplication of courses or loss of credit. The goal is to produce advanced standing credit or credits; for college level coursework completed in high school; (credit transfer) evidenced by meeting competency requirements as determined by the enrolling college or university. The courses intended for articulation as advanced standing must be equivalent to college or university courses numbered above 100 and that count toward the credit requirements of a certificate, diploma, associate degree, or baccalaureate degree. Developmental courses are not eligible for advanced standing credit.

- **The articulated courses are identified in this registration catalog** and are matched with college courses for purposes of allowing students to apply high school credits toward college credits.
- The student must enroll at one of the participating colleges after high school graduation to receive the credit on the college transcript for the courses.
- Certificates are traditionally accepted at a participating college up to three years past a student’s high school graduation.
- District 279 students take the identified high school courses at their respective 279 high schools, **not** on a college campus.
- District 279 offers the named high school elective course that has an 80% match or better with curriculum of the identified college courses; therefore making the credit agreement.
- Typically students receiving a grade “B” or better in the high school course (Keyboarding requires an “A”) will receive a certificate showing successful completion of the high school course.
- The student certificate also identifies each postsecondary school that will accept the certificate and apply it toward elective credit on the college transcript; **once the student is enrolled at the college** after high school graduation.
- The student is responsible for presenting the certificate to College Admissions.
- Course names, content and competencies represented in the articulation agreements are reviewed by secondary and postsecondary partners on an annual or biannual basis; or on a rotation basis for regional agreements.
- **Talk with department staff, your Counselor or CRC staff if you have questions.**

CAREER AND TECHNICAL EDUCATION/SPECIAL EDUCATION

**ISD 279 CBVAT Program/Work Activity Center**

(IEP Students only - Contact your Case Manager for Referral/Application Information)

**The Community Based Vocational Assessment and Training (CBVAT) program** is designed to provide learning opportunities for students with special needs to develop work skills, attitudes and behaviors that are necessary to succeed in today’s workplace. In this work-based learning experience, students complete contracted work from community vendors. Students learn both general employability and specific work skills. Students should be concurrently enrolled in a transition to Work Seminar class at their home high school while participating in the CBVAT program. Students receive direct instruction from a licensed work coordinator, and are monitored closely by experienced job/vocational trainers. Transportation is provided by the school district.

*Please contact your case manager for more information, referral, and application process.*

CONCURRENT ENROLLMENT

Courses offered in partnership with a college or university through a signed agreement.

Courses are offered at the high school that are equivalent to a college course and taught by a trained and qualified high school teacher. Students who successfully complete these courses generate both high school and transcripted college credit from the partnering postsecondary institution.

**The courses eligible for concurrent enrollment are identified throughout this registration catalog** with the course description.

**Talk with a staff member in that department, your Counselor, or the CRC if you have questions.**

ENGLISH LEARNERS (EL)

Students whose home language is a language other than English, or who come from a part of the world where the variety of English is very different from American English, may qualify to receive support from the English Learner (EL) program. For information about the EL program, or to receive assistance in setting up an appointment for assessment, please contact the District 279 Enrollment Center at 763-583-7357.
INTERNATIONAL BACCAULAUREATE PROGRAMMES

This program is offered only at Park Center Senior High. However, students from other schools may apply to become full-time students in the IB Programme at Park Center, with transportation provided, by submitting an application.

The IB Middle Years Programme (9th and 10th Grade):

All students in grades 9 and 10 participate in the Middle Years Program (MYP). The MYP is an inclusive program that features:

- rigorous learning objectives
- a student-centered approach to teaching
- international perspectives
- concern for the whole child
- sustained teaching and learning in more than one language
- a focus on learning how to learn
- the development of flexible thinking that prepares students to evaluate information critically and apply knowledge in complex, unfamiliar situations.

The MYP teaches tools for lifelong learning and fosters responsible attitudes that help students discover how to use what they learn to take principled action. The MYP’s focus on independent learning makes it the ideal preparation for the IB Diploma Program (DP) at Park Center.

The IB Diploma Programme (11th and 12th Grade):

The IB Diploma Programme (DP) is a comprehensive two-year curriculum for juniors and seniors which provides a deep, thought-provoking program of study in six areas during 11th and 12th grade. The IB Diploma Programme is for the motivated student. The strengths of the IB Programme are its academic rigor and well-rounded traditional liberal arts curriculum enhanced with an extended essay, inquiry into the theory of knowledge, research, creativity, action and service.

IB students enroll in a core group of IB classes with other IB diploma candidates during their junior and senior years, yet have the opportunity to interact with students throughout the school in world language, fine arts and after school activities throughout their high school years. Students wishing to participate in the Diploma Programme without seeking the full IB Diploma may take individual Diploma Programme classes for credit and earn IB Certificates.

The IB Diploma Programme has earned a reputation for rigorous assessment, giving IB Diploma-holders access to the leading American and international universities and college credit. For over 45 years, the IB Organization has shown that its students are well prepared for university work. The rigor of the IB Programme makes its diploma graduates among the top tier college recruits in America and the world. It has become a symbol for academic integrity and intellectual promise.

ONLINE LEARNING

Online learning opportunities are available to all Osseo Area School students through the District’s collaboration with Northern Star Online (NSO). Courses offered by Osseo teachers are included in this Registration Catalog. A complete list of all courses is listed on the Northern Star Online website: http://www.northernstaronline.org

You have the option to choose to enroll in an online course as part of your regular 6-period school day or to take more than 6 periods by paying a course registration fee.

Students who choose an online course should consider the following:

- Students need to be motivated to succeed and have the ability to work independently.
- You will need computer and internet access outside the school day, unless you can complete your work at school.
- Online learning allows flexibility. It is asynchronous, so that students are doing different activities at different times.
- NSO courses are approved by the state to meet graduation requirements; however you need to ensure that the courses fit into your graduation plan by working with your counselor.

Registration Procedures for Northern Star Online Courses:

Osseo Area Schools require 30 days prior notice before students can begin Online learning.

1. Make an appointment to see your counselor to discuss the course(s) you are interested in taking online and how they fit into your graduation plan.
2. Go online at http://www.northernstaronline.org
   - Create an account in NSO’s GENIUS registration system
   - Submit your course request(s) in GENIUS
   - Parent/Guardian must log in to approve course(s)
3. Your counselor will receive an email notification of course request(s) and will also need to approve course(s). NSO will notify you once you are ready to begin your online course(s).

ONLY WHEN YOU HAVE FOLLOWED THESE THREE STEPS WILL YOU BE COMPLETELY REGISTERED FOR THE NSO CLASS(ES).

Note: if you are taking more than a full load (6 courses per trimester), it is the family’s responsibility to pay tuition for any courses above the full load. Tuition costs are located on NSO’s website.

POST SECONDARY ENROLLMENT OPTIONS (PSEO)

Postsecondary Enrollment Options (PSEO) is a program that allows 10th, 11th, and 12th-grade students to earn both high school and college credit while still in high school, through enrollment in and successful completion of college-level, nonsectarian courses at eligible participating postsecondary institutions. Most PSEO courses are offered on the campus of the postsecondary institution; some courses are offered online.
Each participating college or university sets its own requirements for enrollment into the PSEO courses. Eleventh and 12th-grade students may take PSEO courses on a full- or part-time basis; 10th graders may take one career/technical PSEO course. If they earn at least a grade C in that class, they may take additional PSEO courses. There is no charge to PSEO students for tuition, books or fees for items that are required to participate in a course. Students must meet the PSEO residency and eligibility requirements and abide by participation limits specified in Minnesota Statutes, section 124D.09. Funds are available to help pay transportation expenses for qualifying students to participate in PSEO courses on college campuses. Schools must provide information to all students in grades 8-11 and their families by March 1, every year. Students must notify their school by May 30 if they want to participate in PSEO for the following school year. For current information about the PSEO program, visit the Minnesota Department of Education’s Postsecondary Enrollment Options (PSEO) webpage.

STUDENTS WISHING TO EARN CREDITS OUTSIDE OF AN OSSEO DISTRICT HIGH SCHOOL MUST HAVE PRIOR APPROVAL
See your counselor

SPECIAL EDUCATION
Special education services are provided to eligible students with disabilities. The services are based on the results of an evaluation and implementation of the Individual Education Program (IEP) plan. Students can be eligible in one of 13 disability categories specified by the State of Minnesota.

The referral process for special education begins with the student’s general education teacher communicating a concern to the parent and development of an intervention plan to help the student be successful in the general education classroom. If this plan is successful a referral is not made to special education. If the student continues to struggle then the teacher would develop a second plan based on the data collected from the first plan to help the student be successful in the general education classroom. If this plan is successful a referral is not made to special education. If there continues to be concerns about the student’s progress based on the intervention data a referral to special education will be made and an evaluation plan will be developed.

Parents and students may also discuss concerns with teachers, counselors, or administrators. Parents and students may access intervention plans and services by contacting their teacher, counselor, or the special education building coordinator in their building. A parent may also ask that their child be assessed. The special education evaluation team would consider the request and meet with the parents.

STUDENT AIDES (NO CREDIT)
Students wishing to sign up for this option should choose Study Hall as their course selection for the trimesters they wish to be a student assistant.

Application forms are in the office and will be accepted during the first two weeks of the trimester only.

Counseling/CRC Assistant
Prerequisite: written permission from counseling/CRC personnel. 11th and 12th grade only.
Counseling/CRC aides are needed to prepare and deliver passes, answer phones, file materials, use a computer to generate career and college information and assist in tasks related to a career day. Typing skills are helpful. Student must have good attendance, have 5 other credited classes, and be on track for graduation.

Office Assistant
Prerequisite: written permission from the office. 11th and 12th grade only
There will be placement available for a limited number of students to aid in the office during the school year. Students must be reliable and have a desire to work. Student must have good attendance, have 5 other credited classes, and be on track for graduation.

Teacher Assistant
Prerequisite: written permission from the teacher. 11th and 12th grade only
Each teacher may have 1 assistant for each hour, not including their prep hour. Students must have good attendance, have 5 other credited classes, and be on track to graduate.

STUDY HALL (NO CREDIT)
Course Number: 902201, 902202, 902203
Prerequisite: sufficient number of credits
Notes: 11th and 12th grade only. May not be offered all hours.
Quiet study period. Five credited courses must be taken with 1 study hall.

VOLUNTEERISM
Volunteering is an integral part of life. Approved volunteer hours can appear on your transcript and can be very helpful when applying for scholarships. The volunteer hours can be earned either during the school year or over summer break. Please see the Volunteer Coordinator for information and to obtain the forms needed to document your hours. The Volunteer Coordinator also has information about locations needing volunteers.
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<td>Introduction to Engineering Design (PLTW) A, B, C</td>
<td>Tech Ed</td>
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<td>Introduction to Engineering Design Blended (PLTW) A, B, C</td>
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<td>Jazz Ensemble A and B</td>
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<td>Jazz Improvisation</td>
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<td>Jewelry/Art Metal A, B, C</td>
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<td>Know Your Auto</td>
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<tr>
<td>Life Fitness</td>
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<tr>
<td>Medical Terminology</td>
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<td>Medical Terminology ONLINE</td>
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<td>Music Theory</td>
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<td>My Foods.FACS</td>
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<td>Mythology</td>
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<tr>
<td>Nets &amp; Racquets Lab</td>
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<td>Non Linear Algebra A, B, C</td>
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<tr>
<td>Nursing Assistant (2 hour class, counts as 2 credits, gr. 10-12)</td>
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<tr>
<td>Off To College (grade 11-12 only)</td>
<td>Coop</td>
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<tr>
<td>Opportunities in Emergency Care—OEC (grades 11-12 only)</td>
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<td>Orchestra (ALL) A, B, C</td>
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<td>Painting A, B, C</td>
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<td>Photography B: Digital and Darkroom Photography</td>
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<td>Photography C: Combining New Media</td>
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<td>Physical Science 9 A, B, C</td>
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<td>Physics A, B, C (grades 11-12 only)</td>
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<td>Physics First A, B, C (grade 9 only)</td>
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<td>Self Defense</td>
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<td>The Graphic Novel</td>
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