

Rosemount High School Student Registration Guide 2019-2020



*Minnesota State High School League
Spotlight on Scholarship Award*



*Recognized as a School of Excellence by the
Minnesota Alliance of Arts in Education*



Rosemount High School
3335 142nd Street West
Rosemount, Minnesota 55068

(651) 423-7501

FAX: (651) 423-7511

Counseling Office: (651) 423-7517

CEEB/ACT Code: 242-125

<http://www.district196.org/rhs>

ADMINISTRATION

Mary M. Kreger, Superintendent

Peter Roback, Principal

DEPARTMENT COORDINATORS

Business/Marketing - Ryan Harrison
English/Language Arts - Elliot Handler
Guidance and Counseling - Jennifer Boldus
Languages of the World - Susi Sullivan
Mathematics - Ann Olstad

Music/Dance/Art - Steve Albaugh
Physical Education - Parc Williams
Science - Dale Heebl
Social Studies - Jodi Rosauer
Special Education - Kym Carter, Alicia Blaz, Megan Bissell
Work Experience - Jill Ratts

DISTRICT 196 SCHOOL BOARD

Jackie Magnuson, Chairperson
Joel Albright, Vice Chairperson
Sachin Isaacs, Clerk
Art Coulson, Treasurer
Craig Angrimson, Director
Mike Roseen, Director
Bob Schutte, Director

Rosemount High School Independent School District 196

Student Registration Guide 2019-2020

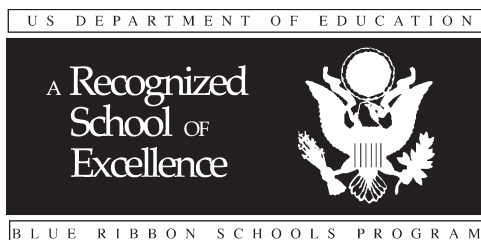
Rosemount High School Vision

A quality school dedicated to educating for the challenges of the 21st century by:

- continually striving for excellence
- creating an environment for collaboration, cooperation and mutual respect
- serving as a catalyst for creativity, innovation and lifelong learning



*Minnesota State High School League
Spotlight on Scholarship Award*



*Recognized as a School of Excellence by the
Minnesota Alliance of Arts in Education*

District 196 does not discriminate in employment or in any of its programs and activities, including vocational opportunities, on the basis of race, color, creed, religion, national origin, sex, marital status, status with regard to public assistance, familial status, membership or activity in a local human rights commission, disability, sexual orientation, age or genetic information. District 196 provides equal access to designated youth groups.

The Director of Human Resources, Tom Pederstuen (651-423-7859 – tom.pederstuen@district196.org) has been designated to respond to employment-related inquiries regarding the non-discrimination policies including Title IX. The Director of Elementary Education, Sally Soliday (651-423-7782 – sally.soliday@district196.org) and the Director of Secondary Education, Dr. Mark Parr (651-423-7712 – mark.parr@district196.org) have been designated to respond to student-related inquiries regarding the non-discrimination policies including Title IX. The Director of Special Education, Mary Kreger (651-423-7629 – mary.kreger@district196.org) has been designated to respond to inquiries concerning the rights of a student with a disability (504 Coordinator). The mailing address for all directors is 3455 153rd Street W, Rosemount, MN 55068.

District 196 will take steps to assure that English language skills will not be a barrier to admission and participation in vocational programs. If you speak another language and have questions, please contact the District 196 Integration - Equity Coordinator at (651-423-7914).

IMPORTANT MESSAGE TO STUDENTS AND PARENTS

Rosemount High School
January 2019

To RHS Students and Parents:

This guide is a catalog of courses and programs offered during the 2018-2019 school year at Rosemount High School.

For the first eight years of your education almost all courses were required. In high school, students have a chance to branch out with electives. Electives provide the opportunity to explore special fields of interest. They also make it possible to pursue specialized preparation for advanced post-high school training or to enter the job market.

These opportunities place great responsibilities on both parents and students to plan wisely. Carefully read the information in the next few pages and browse through the course offerings and special programs. Then begin planning a course of study. Before registration, decide on a schedule of courses for the remaining year(s) in high school. Serious thought about an overall plan will provide a sense of purpose and direction. Therefore, it is important that course selections for next year are made very carefully. We will tally all course selections and make critical decisions regarding staffing, room use and dollar allocation. Once those decisions are made, **it will be very difficult to change course selections.**

If you have questions regarding registration or a specific program, contact your counselor. The names and phone number of the counselors, in addition to the students they serve by alphabet, are listed below.

RHS COUNSELORS Phone: (651) 423-7517

Ms. Jennifer BoldusA-C
Mr. Kiel Des JarlaisD-H (AVID 9)
Ms. Lori MartinsonI-MR
Mr. Scott OsthusMs-Sc (AVID 10)
Mr. Chad TerrySd-Z (AVID 11 and 12)



Peter Roback
Principal



Drew Storley
Assistant Administrator

TABLE OF CONTENTS

Special Message to Students and Parents	
Registration Information.....	1
Rosemount High School Mission Statement and Values	1
Student Registration and Scheduling Steps and Calendar	2
District High School Graduation Requirements	3
Rosemount High School Graduation Course Requirements.....	4
Naviance Student 4 Year Plan	4
The RHS Comprehensive Curriculum.....	5
AVID	5
Minnesota Post-Secondary Enrollment Option.....	5
Independent Study	5
Grade Point Average (GPA).....	5
Honors Recognition Criteria	6
Minnesota World Language Proficiency	6
Pass/No-Credit System	6
Human Sexuality and HIV / AIDS Prevention Curriculum.....	6
Failures/ Incompletes	6
Pre-Approval of Non-RHS Credits	7
RHS Cocurricular Activities	7
NCAA Requirements.....	8
Cocurricular Study Hall.....	12
How to Use This Guide.....	12
Course Descriptions.....	13-69
Art Education	13
Business/Marketing	16
English/ Language Arts	22
Family & Consumer Science	28
Languages of the World	30
Mathematics.....	35
Mentor Programs	42
Music and Dance.....	43
Physical Education.....	48
Science	52
Social Studies	57
Technical Education.....	61
Career Development and Enrichment Opportunities Programs*	64
Special Programs.....	66-69
Work Experience Courses.....	66
Guidance and Counseling Course	67
Special Education Courses	68

*For further information about the Career Development Courses refer to the Career Development Registration Guide

REGISTRATION INFORMATION

This Student Registration Guide is designed to provide students and their parents an easy-to-use planning tool for making next year's course selections. In order to select an appropriate school program, students need to consider their individual abilities, aptitudes, interests, academic strengths and limitations, future career goals, District 196 graduation requirements, and finally, the course offerings at RHS. Excellent resources for information and advice are students' parents, counselors and classroom teachers. In addition, important items of information are summarized on the following pages.

Rosemount High School Mission Statement

Our mission is to educate students, in cooperation with the family and community, to have the knowledge, skills, and attitudes necessary to achieve their potential as socially responsible, lifelong learners in a diverse and changing society.

Rosemount High School Values

- Respect for self and others
- Continuous improvement that is research-based
- A dedicated, talented and caring staff committed to collaboration and collegiality
- Trust, honesty, openness, integrity and ethical behavior
- A positive, healthy and safe school environment
- Progressive leadership that empowers others
- Student success based on high expectations and a strong work ethic
- Relevant and innovative curriculum, effective instructional practices and accountability through meaningful assessment
- Shared responsibility by staff, students, family and community
- Risk taking for development and growth
- Technology as an integral part of the educational process
- Appreciation of cultural diversity and the uniqueness of the individual
- Social responsibility
- Lifelong learning

Student Registration and Scheduling Steps

There are two major steps for students in planning their next year's program of studies: (1) registration and (2) scheduling. During January, RHS registration materials for the following year are distributed. Students then register for courses by selecting their courses for the next school year. Based on student registration data, the school administration will determine courses/sections to be offered, staff needed and a master schedule of classes for the next year. **Therefore, students should register with care and after consultation with parents.**

After students' registration plans have been approved by parents and counselors, classes are scheduled for the fall, winter and spring trimesters. Following scheduling, schedule change requests that meet pre-set criteria will be granted during schedule review week. Once a trimester begins, **no schedule changes will be approved**, except in an emergency.

Scheduling Calendar

The following information outlines the registration cycle for the school year. Also outlined are the opportunities students have throughout the year to review and request an adjustment to their registration and schedule. The reasons for approving requests to change the schedule differ based on the date of the request. Once a schedule review period has passed, the student's commitment to honor the schedule is expected and changes that do not meet emergency criteria will not be made.

Student Registration	
January - February	Students in grades 8-11 register for courses they plan to take during the upcoming school year.
February	Students in grades 8-11 are provided copies of their course selections and are asked to review for errors.

Schedule Review	
August	Schedules are posted in SchoolView for students in grades 9-12.
August and November and February (See School Calendar or RHS Planner for exact dates)	Students should review their trimester schedule in SchoolView. Students may submit written Schedule Adjustment Requests signed by a parent or guardian to the RHS Counseling Department to make adjustments to their schedules. Course changes will be approved on a space in class available basis for the following reasons: <ul style="list-style-type: none"> • Error on Student Schedule • A failed prerequisite course • Senior credit needed for graduation • Program Adjustment • Inappropriate placement • P.S.E.O. • Physical or emotional disability: Documentation by physician or therapist required • Request for Work Experience Program (Prior approval by a Work Experience Coordinator required.) • Change in IEP - 504 Plan

This is the final opportunity to make student/parent initiated, non-emergency, changes to their current schedule.

Emergency Schedule Adjustments	
September and December and March (See School Calendar or RHS Planner for exact dates)	During the first week of a new trimester, students may submit written Emergency Schedule Adjustment Requests signed by a parent or guardian to the RHS Counseling Office to request their schedule be reviewed for an Emergency Schedule Change. Emergency Schedule Adjustments will be considered for approval on a space available basis for the following reasons: <ul style="list-style-type: none"> • Error on student schedule • Inappropriate placement • A failed prerequisite course • Physical or emotional disability: attach documentation by physician or therapist • Senior credit needed for graduation • Request for Work Experience Program. (Prior approval by a Work Experience Coordinator required.) • Change in IEP or 504 Plan • PSEO schedule adjustment

Students dropping courses after the Emergency Schedule Adjustment period will receive a grade of "F" in the course.

DISTRICT 196

Graduation Requirements

THE CLASS OF 2018 AND BEYOND*

In order to graduate from any high school in District 196, students must:

Satisfactorily complete 66 credits of coursework at the high school level, grades 9-12 inclusively, as specified below:

- English/Language Arts – four years (12 credits);
- Social Studies – four years (12 credits) ;
- Science – three years (nine credits) ;
- Mathematics – three years (nine credits) ;
- Arts – one course (one credit) – from the Art Education or Music and Dance departments. Other classes include Housing and Interior Design, Marketing C: Advertising, Photography A, Photography B, Photography C, Digital Photography A, Digital Photography B, Architecture Drafting A, Multimedia: Digital Graphics or Multimedia Advanced Digital Graphics;
- Health – two courses (two credits);
- Physical education – four courses (four credits);
- Safety Education – one course (one credit);
- Other – 16 credits, of which not more than 12 credits of instrumental and/or vocal music may be applied toward fulfillment of the graduation requirements.

THE CLASS OF 2018 AND LATER

In order to be eligible for a diploma from any Minnesota public high school, all students must fulfill graduation assessment requirements in writing, reading and mathematics. The requirements for students are different based upon the date they first entered grade 8. To view the specific requirements for students please visit the Minnesota Department of Education website at <http://education.state.mn.us/MDE/SchSup/TestAdmin/MNTests/index.html>.

CAREER AND COLLEGE READINESS

Districts have a number of requirements to fulfill for students' career and college planning for students first enrolled in grade eight in 2012–13 and later. This includes offering students in grades 11 and 12 (who did not test as a grade 11 student during the school day) an opportunity to participate in a nationally recognized college entrance exam (ACT or SAT) on a school day.

**** Adjustments to the graduation requirements for the class of 2018 and beyond may be made in response to changes in state and federal laws***

Rosemount High School Graduation Course Requirements


Grade 9 18 total required courses (minimum)	<p>The Arts 1 trimester course (this requirement may be completed in grades 9-12) Arts – one course (one credit) – from the Art Education or Music and Dance departments. Other classes include Interior Design, Marketing C: Advertising, Photography A: Digital, Photography B: Black & White, Photography C: Advanced;</p> <p>English/Language Arts 3 trimester courses [English 9 ABC or Honors English 9 ABC]</p> <p>Mathematics 3 trimester courses (Int. Algebra Concepts ABC or Int. Algebra ABC or Honors Geometry ABC)</p> <p>Physical Education/Health/Safety Education 3-4 trimester courses [Exercise & Sport Science I, Exercise & Sport Science II, Fitness & Activities and/or Safety Education (see birthday rule)] Note: Students selecting Safety Education may choose not to select Fitness & Activities in grade 9. These students must complete their 9th grade requirement in grades 10-12 by enrolling in a Physical Education course of their choice.</p> <p>Science 3 trimester courses [Earth with Physical Science ABC or Honors Earth with Physical Science ABC]</p> <p>Social Studies 3 trimester courses [Government and Citizenship ABC or Honors Government and Citizenship ABC]</p> <p>Electives Students must enroll in enough elective courses chosen from any department so that total credits is equal to or greater than 18.</p>
Grade 10 18 total required courses (minimum)	<p>English/Language Arts 3 trimester courses [English 10 ABC or InverPrep English 10 ABC or Honors Literature ABC]</p> <p>Mathematics 3 trimester courses [Geometry Concepts ABC or Geometry ABC or Honors Algebra II ABC]</p> <p>Health/Safety Education 1-2 trimester courses [Wellness and Safety Education (if this course was not taken in grade 9)]</p> <p>Physical Education 2 trimester courses [physical education elective courses to be completed grades 10-12] [three elective courses if Fitness & Activities was not taken in grade 9]</p> <p>Science 3 trimester courses [Biology Concepts ABC or Biology ABC or Honors Biology ABC or Advanced Placement Biology ABC]</p> <p>Social Studies 3 trimester courses [United States History ABC or Advanced Placement United States History]</p> <p>Electives Students must enroll in enough elective courses chosen from any department so that total credits is equal to or greater than 18.</p>
Grade 11 15 total required courses (minimum)	<p>English/Language Arts 3 trimester courses [English 11 ABC (InCollege English 11 ABC) or Advanced Placement Language and Composition ABC]</p> <p>Mathematics 3 trimester courses [Algebra II Concepts ABC or Algebra II ABC or Honors Pre-Calculus (This requirement may be completed in grades 11-12)]</p> <p>Science 3 trimester courses (This requirement may be completed in grades 11-12)</p> <p>Social Studies 3 trimester courses [World History ABC or Advanced Placement European History ABC or Advanced Placement World History ABC]</p> <p>Electives Students must enroll in enough elective courses chosen from any department so that total credits is equal to or greater than 15.</p>
Grade 12 15 total required courses (minimum)	<p>English/Language Arts 3 trimester courses [English 12 and two English courses 0357-0395] or [Advanced Placement Literature and Composition ABC] or [CIS College Fiction and Composition]</p> <p>Social Studies 3 trimester courses [Principles of Economics and two social science or world studies courses 1055 - 1095] or [Advanced Placement Macro and Micro Economics ABC]</p> <p>Electives Students must enroll in enough elective courses chosen from any department so that total credits is equal to or greater than 15.</p>
<p>Special Notes</p> <ul style="list-style-type: none"> • Students will receive a waiver for Safety Education if they present the school with documentation that they have received CPR (cardiopulmonary resuscitation) certification and a driver's permit or license. • Students will receive a waiver and credit for Safety Education if they present the school with documentation that they received CPR (cardiopulmonary resuscitation) certification and a driver's permit or license and complete the district process for credit by assessment. • No more than 12 credits in vocal and/or instrumental music may be counted toward graduation. • No more than 12 credits in on-the-job work experience programs (exclusive of seminar credits) may be counted toward graduation. • Students who plan to graduate early should see their counselor early in their junior year, if not sooner. Special planning and request forms are required. Failure to plan adequately will jeopardize approval for early graduation. 	

Campus Student 4 year plan

Students are encouraged to maintain a 4 year plan for high school course work to ensure required coursework completion and satisfy prerequisites for each course. Each student has an electronic 4 year plan in Campus Student (log in from RHS homepage) that students and parents can update each year during registration season, or other times during the year. Students are encouraged to utilize their teachers and school counselor as they select classes for the coming years.

The RHS Comprehensive Curriculum

Rosemount High School offers courses in 11 subject areas, along with a full range of special education courses, work program alternatives and career development electives. Many of these courses are designed to meet the needs of students across a broad range of abilities, interests and post-high school aspirations. However, certain courses are focused on special needs of students.

Advanced Placement and Honors courses are offered across the curriculum to meet the special needs of exceptional students interested in testing and extending their personal and intellectual limits in the classroom. Students can choose from a variety of demanding offerings in each department, including Advanced Placement (**AP**) courses which not only stretch the limits, as indicated above, but offer college-bound students the opportunity to earn college credit while in high school. The Advanced Placement examinations are optional for students and are administered through the nonprofit College Board for a student-paid fee. Additional opportunities are available for exceptional students including such courses as the Mentor Program (refer to Career Development courses), College In The Schools (**CITS**), and the Post Secondary Education Options Program (PSEOP). Students may also earn college credit at Dakota County Technical College by completing pre-set criteria in specified Rosemount High School courses. These courses are marked with a (**dcctc**) symbol. Students may also earn concurrent college credit at Inver Hills Community College by earning a grade of B- or higher in classes marked with an  symbol. Students successfully completing indicated courses should contact the instructor for more information regarding articulation and concurrent enrollment agreements.

Special Programs (Work Experience/Special Education), directed by over two dozen teachers and support staff members, provide a continuum of services for students having academic, social, emotional or psychological difficulties which may interfere with the teaching/learning experience.

AVID – Advancement Via Individual Determination

AVID is a nationally recognized program designed to give students with college-level academic potential the academic and personal support to be “college ready” by the conclusion of high school. These are often the students who will be the first in their families to attend college and are from groups traditionally underrepresented in higher education. For one period a day, the AVID elective course gives students support that will help them succeed in RHS’s college preparatory classes and the knowledge needed to successfully transition to college.

Minnesota Post-Secondary Enrollment Option

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, non-sectarian 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 may be available to help pay transportation expenses for qualifying students to participate in PSEO courses on college campuses. Schools may provide information to all students in grades 8-11 and their families by March 1, every year. Students must notify their high 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 and parents/guardians must attend a mandatory PSEO informational meeting in Jan./Feb. presented by RHS counselors.

Independent Study

Provides an opportunity for an in-depth study in a selected area of interest. Qualifications for independent study include completion of prerequisite background classes and satisfactory mastery of related skills and technical information. In addition, to assure student ability to successfully study on an independent level, the student must display a high interest in the subject area, show evidence of self motivation and self discipline, and display leadership qualities and initiative. Previous outside exploration of the subject will be considered an advantage for the applicant. The student will have completed a majority of the coursework in the area of interest in the department granting approval of the independent study. Interested students should meet and plan with their counselor at registration time. NOTE: The NCAA will not accept Independent Study for core academic courses.

Grade Point Average (GPA)

A student’s **Grade Point Average (GPA)** is determined by dividing the total number of trimester grade point values by the number of credits attempted. All courses taken whether passed, failed or repeated to make up a failed course will be used in determining a student’s GPA.

Marking System and Grade Point Values

A	4.0	B+	3.3	C+	2.3	D+	1.3	E	.3
A-	3.7	B	3.0	C	2.0	D	1.0	F	.0
		B-	2.7	C-	1.7	D-	.7		

Honors Recognition Criteria

For the Graduating Class of 2020 and Beyond – Latin Honors Designation

The District 196 high schools have determined that reporting class rank will no longer be practiced beginning with the Class of 2020. Rather, recognizing student achievement will be through a process that is common to colleges and universities. Students with a grade point average in the 90th percentile will be recognized summa cum laude, those in the 80th percentile will be magna cum laude and those in the 70th percentile will be cum laude.

At graduation, students ranking in the top 10% of the class are recognized as "Honor Student" graduates. Students qualifying in the top 10% of the class with an Honor Rank are recognized as students graduating with "Highest Honors." The "Top 10" Regular Ranked students in the class along with qualifying Honor Ranked students achieving "Top 10" status are recognized.

English	Math	Science	Social Studies
Honors English 9 A, B, C Honors Literature 10 A, B, C AP Language & Composition A, B, C AP Literature & Composition A, B, C Introduction to College Fiction: CIS Introduction to College Composition: CIS Introduction to Public Speaking: CIS InCollege English 11 A, B, C	Honors Geometry A, B, C Honors Algebra II A, B, C Honors Pre-calculus A, B, C AP Computer Science A, B, C Advanced Computer Science A, B, C AP Statistics A, B, C AP Calculus AB A, B, C AP Calculus BC A, B, C Multivariable Calculus A,B,C Linear Algebra/Differential Equations A, B, C	Honors Earth with Physical Science A, B, C Honors Biology A, B, C AP: College Biology A, B, C Honors Chemistry A, B, C Honors Physics A, B, C AP Physics A, B, C AP Chemistry A, B, C Human Anatomy & Physiology: CIS	Honors Government and Citizenship A, B, C AP U.S. History A, B, C AP European History A, B, C AP World History A, B, C AP Macro & Micro Economics A, B, C AP Psychology A, B, C AP Government A, B

Minnesota World Language Proficiency Certificates and Bilingual/Multilingual Seals

The Minnesota Department of Education awards Minnesota World Language Certificates or Bilingual/Multilingual Seals to graduating seniors who demonstrate an ACTFL proficiency level of Intermediate Low or above in one or more languages. These awards offer state recognition for students and opportunities for college credit at Minnesota State Colleges and Universities. Students take a proficiency assessment administered at RHS in the spring.

A list of language proficiency assessments currently offered can be found on the district website: <http://www.district196.org/academics/world-languages/world-language-certifications/>. Please contact a World Language teacher, EL teacher, Cultural Family Advocate, or Counselor for more information.

Pass/No-Credit System

Students may take one class each trimester (3 credits each year) on a "Pass/No-Credit" basis. This option is to encourage students to explore interests in a subject and yet not risk receiving a low grade.

Procedure: Students must apply within the first 20 school days of the trimester. Written permission from parents is required. Application forms are available in the Guidance and Counseling Office. "Pass/No-Credit" students will take all tests, turn in all regular class work and receive marks along with the other students. The final mark will be a "Pass" if the student completes all work at the passing level. The final mark will be "No-Credit" if the student does **not** complete all work at the passing level. The final mark will be a "F" if the student does not complete all required work for the course according to the instructor's deadlines. A credit toward graduation will be granted for a "Pass" mark. No credit toward graduation will be granted for a "No-Credit" mark. Subjects taken on the "Pass/No-Credit" basis will **not** be averaged into a student's class rank or honor roll standing. However, overall class rank may be affected for students choosing the "Pass/No-Credit" option due to the honor point/credits attempted mathematical conversion. The RHS attendance policy will be in effect for students choosing the Pass/No-Credit option.

If a student is taking a class on the Pass/No-Credit basis and is removed from class by an assistant principal, the student will receive a grade of "F" for the course and be assigned to transitional study hall for the remainder of the trimester. NOTE: The NCAA will accept the Pass/No-Credit option for core academic courses; however, they will assign the lowest passing grade for classes graded using this option.

Human Sexuality and HIV/AIDS Prevention Curriculum

District 196 teaches students human sexuality curriculum and HIV/AIDS prevention curriculum. Course descriptions in this catalog identify where this curriculum is taught. If you would like specific information about what is taught in these areas, please contact your school principal. Parents who are uncomfortable with the curriculum after talking with the principal may withhold their student from specific class sessions in which these curricula are taught.

Failures/Incompletes

Students who fail a required class should see their counselor without delay to make arrangements for make-up. *Failure to make up required courses will jeopardize a student's graduation.* The advice of the school counselor must be sought in deciding which classes are to be repeated and where substitute credits are acceptable. This would also apply to students who receive grades of NC or Failure due to poor attendance.

Incomplete grades are assigned at the discretion of the teacher to those students who have not completed required class assignments/expectations or who have not met course outcomes and competencies during the trimester. When students receive an incomplete grade, they should see their teacher as soon as possible to arrange for needed make up work. The deadline for making up an incomplete grade is Friday of the 2nd week in the next trimester. *Incomplete grades that are not made up will result in failure of the course and loss of credit. Incomplete required courses that are not made up will jeopardize a student's graduation.*

Pre-Approval of Non-RHS Credits

Students requesting the transfer of credits earned in other educational settings (Tree Trust, summer college courses, language camps, etc.) must obtain prior written permission in advance. Pre-Approval of Credit forms may be obtained in the Counseling office.

RHS Cocurricular Activities

Rosemount High suggests that all students participate in at least one or more cocurricular activities during the year. Listed below are cocurricular activities available to students.

Student Government

Student Council

Class Representatives for Grades 9, 10, 11 and 12

Fine/Performing Arts Activities and Clubs

Animanga Club	Jazz Band	Robotics
Asian Cultural Association	Literary Arts Magazine (Shadows)	Rocket Club
Baking Club	Math Team	Save the Bees Club
Botany Club	Men's Ensemble	Science Olympiad
Bowling	MN High School Democrats	Speech Team
Chamber Singers	Mock Trial	Star Wars Club
Chess Team	Model UN	Student Council
Color Guard	Modern Dance Company	Theatre
Debate: Policy and Value	Mountain Bike Team	Trap Team
DECA	National Art Honor Society	Tri-M Honor Society
Diversity/Mosaic Club	National French Honor Society	Ultimate Frisbee
Dungeons and Dragons	National German Honor Society	Vivace Chamber Ensemble
Fall Dance Team	National Honor Society	Weightlifting
Freshmen Men's Select Choir	National Spanish Honor Society	Women's Ensemble
Freshmen Women's Select Choir	Newspaper	Women's Organization of Rosemount
GLBTQ - GSA	Pep Band	Yearbook
Green Team	Percussion Ensemble	Yoga Club
Group of Active Teens	Prom Committee	
Hack Club	Quiz Bowl/Knowledge Bowl	

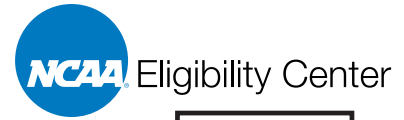
Athletic Activities

Fall	Winter	Spring
Cross Country (Boys & Girls)	Alpine Skiing (Boys & Girls)	Baseball (Boys)
Football (Boys)	Basketball (Boys & Girls)	Golf (Boys & Girls)
Soccer (Boys and Girls)	Basketball (Intramural)	Golf (Intramural)
Swimming (Girls)	Figure Skating (Boys & Girls)	Lacrosse (Boys and Girls)
Tennis (Girls)	Gymnastics (Girls)	Softball (Girls)
Volleyball (Girls)	Hockey (Boys & Girls)	Tennis (Boys)
	Irishettes Danceline (Girls)	Track (Boys & Girls)
	Nordic Skiing (Boys & Girls)	
	Swimming (Boys)	
	Wrestling (Boys)	

Competition Cheerleading and Athletic Training are multiple season activities.

Adaptive Athletic Activities

Fall	Winter	Spring
C.I. Soccer (Boys & Girls)	C.I. Floor Hockey (Boys & Girls)	C.I. Softball (Boys & Girls)
P.I. Soccer (Boys & Girls)	P.I. Floor Hockey (Boys & Girls)	P.I. Softball (Boys & Girls)

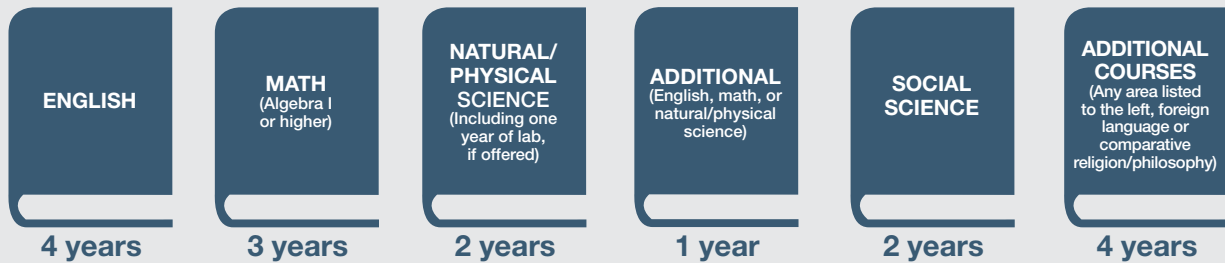


DIVISION I ACADEMIC REQUIREMENTS

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

Core-Course Requirement

Complete 16 core courses in the following areas:



Full Qualifier

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

Academic Redshirt

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

Full Qualifier:

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

Academic Redshirt:

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

Nonqualifier:

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

International Students: Please visit ncaa.org/international for information and academic requirements specific to international student-athletes.

Test Scores

When a student registers for the SAT or ACT, he or she can use the NCAA Eligibility Center code of **9999** so his or her scores are sent directly to the NCAA Eligibility Center from the testing agency. Test scores on transcripts will **NOT** be used in his or her academic certification.

A combined SAT score is calculated by adding reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. A student may take the SAT or ACT an unlimited number of times before he or she enrolls full time in college. If a student takes either test more than once, the best subscores from each test are used for the academic certification process.

If you took the SAT in March 2016 or after, and plan to attend an NCAA Division I college or university in the 2018-19 or 2019-20 academic years, use the following charts to understand the core-course GPA you need to meet NCAA Division I requirements.

For more information on the SAT, click [here](#) to visit the College Board's website.

DIVISION I FULL QUALIFIER SLIDING SCALE			
Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
3.550	400	400	37
3.525	410	410	38
3.500	430	420	39
3.475	440	430	40
3.450	460	440	41
3.425	470	450	41
3.400	490	460	42
3.375	500	470	42
3.350	520	480	43
3.325	530	490	44
3.300	550	500	44
3.275	560	510	45
3.250	580	520	46
3.225	590	530	46
3.200	600	540	47
3.175	620	550	47
3.150	630	560	48
3.125	650	570	49
3.100	660	580	49
3.075	680	590	50
3.050	690	600	50
3.025	710	610	51
3.000	720	620	52
2.975	730	630	52
2.950	740	640	53
2.925	750	650	53
2.900	750	660	54
2.875	760	670	55
2.850	770	680	56
2.825	780	690	56
2.800	790	700	57
2.775	800	710	58

DIVISION I FULL QUALIFIER SLIDING SCALE			
Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
2.750	810	720	59
2.725	820	730	60
2.700	830	740	61
2.675	840	750	61
2.650	850	760	62
2.625	860	770	63
2.600	860	780	64
2.575	870	790	65
2.550	880	800	66
2.525	890	810	67
2.500	900	820	68
2.475	910	830	69
2.450	920	840	70
2.425	930	850	70
2.400	940	860	71
2.375	950	870	72
2.350	960	880	73
2.325	970	890	74
2.300	980	900	75
2.299	990	910	76
2.275	990	910	76
2.250	1000	920	77
2.225	1010	930	78
2.200	1020	940	79
2.175	1030	950	80
2.150	1040	960	81
2.125	1050	970	82
2.100	1060	980	83
2.075	1070	990	84
2.050	1080	1000	85
2.025	1090	1010	86
2.000	1100	1020	86

ACADEMIC REDSHIRT

*Final concordance research between the new SAT and ACT is ongoing.

NCAA is a trademark of the National Collegiate Athletic Association.



2018 DIVISION II NEW ACADEMIC REQUIREMENTS

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

Core-Course Requirement

Complete 16 core courses in the following areas:

ENGLISH	MATH (Algebra I or higher)	NATURAL/ PHYSICAL SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math, or natural/physical science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)
3 years	2 years	2 years	3 years	2 years	4 years

Full Qualifier

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.200.
- Earn the ACT/SAT score matching your core-course GPA on the Division II full qualifier sliding scale (see back page).
- Graduate high school.

Partial Qualifier

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

Full Qualifier:

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

Partial Qualifier:

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

Nonqualifier:

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

International Students: Please visit ncaa.org/international for information and academic requirements specific to international student-athletes.

Test Scores

If you took the SAT in March 2016 or after, and plan to attend an NCAA Division II college or university in the 2018-19 or 2019-20 academic years, use the following charts to understand the core-course GPA you need to meet NCAA Division II requirements.

A combined SAT score is calculated by adding reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. You may take the SAT or ACT an unlimited number of times before you enroll full time in college. If you take either test more than once, the best subscores from each test are used for the academic certification process.

For more information on the SAT, click [here](#) to visit the College Board's website.

DIVISION II FULL QUALIFIER SLIDING SCALE			
USE FOR DIVISION II BEGINNING AUGUST 2018			
Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
3.300 & above	400	400	37
3.275	410	410	38
3.250	430	420	39
3.225	440	430	40
3.200	460	440	41
3.175	470	450	41
3.150	490	460	42
3.125	500	470	42
3.100	520	480	43
3.075	530	490	44
3.050	550	500	44
3.025	560	510	45
3.000	580	520	46
2.975	590	530	46
2.950	600	540	47
2.925	620	550	47
2.900	630	560	48
2.875	650	570	49
2.850	660	580	49
2.825	680	590	50
2.800	690	600	50
2.775	710	610	51
2.750	720	620	52
2.725	730	630	52
2.700	740	640	53
2.675	750	650	53
2.650	750	660	54
2.625	760	670	55
2.600	770	680	56
2.575	780	690	56
2.550	790	700	57
2.525	800	710	58
2.500	810	720	59
2.475	820	730	60
2.450	830	740	61
2.425	840	750	61
2.400	850	760	62
2.375	860	770	63
2.350	860	780	64
2.325	870	790	65
2.300	880	800	66
2.275	890	810	67
2.250	900	820	68
2.225	910	830	69
2.200	920	840 & above	70 & above

DIVISION II PARTIAL QUALIFIER SLIDING SCALE			
USE FOR DIVISION II BEGINNING AUGUST 2018			
Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
3.050 & above	400	400	37
3.025	410	410	38
3.000	430	420	39
2.975	440	430	40
2.950	460	440	41
2.925	470	450	41
2.900	490	460	42
2.875	500	470	42
2.850	520	480	43
2.825	530	490	44
2.800	550	500	44
2.775	560	510	45
2.750	580	520	46
2.725	590	530	46
2.700	600	540	47
2.675	620	550	47
2.650	630	560	48
2.625	650	570	49
2.600	660	580	49
2.575	680	590	50
2.550	690	600	50
2.525	710	610	51
2.500	720	620	52
2.475	730	630	52
2.450	740	640	53
2.425	750	650	53
2.400	750	660	54
2.375	760	670	55
2.350	770	680	56
2.325	780	690	56
2.300	790	700	57
2.275	800	710	58
2.250	810	720	59
2.225	820	730	60
2.200	830	740	61
2.175	840	750	61
2.150	850	760	62
2.125	860	770	63
2.100	860	780	64
2.075	870	790	65
2.050	880	800	66
2.025	890	810	67
2.000	900	820 & above	68 & above

*Final concordance research between the new SAT and ACT is ongoing.

NCAA is a trademark of the National Collegiate Athletic Association.

The preceding pages are not all-inclusive parameters regarding NCAA requirements. Further clarification and information regarding NCAA requirements is available upon request from the Rosemount High School counseling office or by contacting the NCAA at 1-317-917-6222 or www.ncaaclearinghouse.net.

Cocurricular Programs Requiring a Study Hall

Students who participate in a cocurricular program may desire a study hall during the trimester in which their activity takes place. Students participating in cocurricular activities may register for study hall(s) 2212, 2213, or 2214. Registering for these study halls guarantees the student a study hall during the trimester in which their activity takes place (unless an individual student's course requests make this impossible). Due to the availability of practice facilities beyond the control of RHS, programs with special needs (boys and girls golf, hockey and figure skating) may be scheduled specifically for first or seventh period during the trimester in which the activity takes place.

☘ 2212 Fall Trimester Study Hall
Grades 9, 10, 11, 12
Prerequisite: Written permission from head coach

☘ 2213 Winter Trimester Study Hall
Grades 9, 10, 11, 12
Prerequisite: Written permission from head coach

☘ 2214 Spring Trimester Study Hall
Grades 9, 10, 11, 12
Prerequisite: Written permission from head coach

HOW TO USE THIS GUIDE

The major part of this guidebook consists of course descriptions. Listed below are notes about these course descriptions.

1. Courses are organized by departments, in alphabetical order. The page numbers for the departments are listed in the Table of Contents.
2. The format in which courses are listed was designed to make the selection of courses easier for students and their parents. Departments list courses under the following headings:

Courses Offered to Students in Grades 9, 10, 11 and 12. These include courses first open to 9th grade students, as indicated by course numbers that end in digits of 01-25. Courses in this group are generally considered to be grade 9 level courses that, in most cases, are also available to students in grades 10, 11 and 12.

Courses Offered to Students in Grades 10, 11 and 12. These include courses first open to 10th grade students, as indicated by course numbers that end in digits 26-50. Courses in this group are generally considered to be grade 10 level courses that, in most cases, are also available to students in grades 11 and 12.

Courses Offered Only to Students in Grades 11 and 12. These include courses first open to 11th grade students, as indicated by course numbers that end in digits 51-75. Courses in this group are generally considered to be grade 11 courses that, in most cases, are also available to students in grade 12.

Courses Offered Only to Students in Grade 12. These include courses first open to 12th grade students, as indicated by course numbers that end in digits 76-99. Courses in this group are generally considered to be grade 12 courses.

Thus, students in grade 9 would find courses open to their grade level listed in one section. Students in grade 10 could choose courses from two sections; students in grade 11 from three sections; and students in grade 12 from all four sections.

3. Each course has its own number, is one trimester (12 weeks) in length, meets during one class period daily and is worth one credit (unless otherwise stated in the course description).
4. **The time of year that each course will be offered is not listed.** This will be determined after students have made their course selections for next year.
5. The grade levels for each course are listed, as well as any prerequisites (requirements needed before the student enrolls in the course).
6. Although each course is one trimester in length, some courses are intended to last the full year. These year-long courses are noted in the description. If it is required that students sign up for all three trimesters, the three courses and course numbers are listed together. **Students are strongly encouraged to sign up for all other courses offered in a year-long sequence.**
7. During their high school career, students may *not* enroll in the same course number and course title more than once (unless otherwise stated).
8. *The description for each course should be read carefully before course selections are made.* Additional course information is available from a classroom teacher in that department, the department coordinator, the school counselor or school administration.
9. This registration guide should be used by the students throughout the 2017-2018 school year. It is an essential planning tool for the course registration process in January. **All students are responsible for reading the information contained in this guide.**

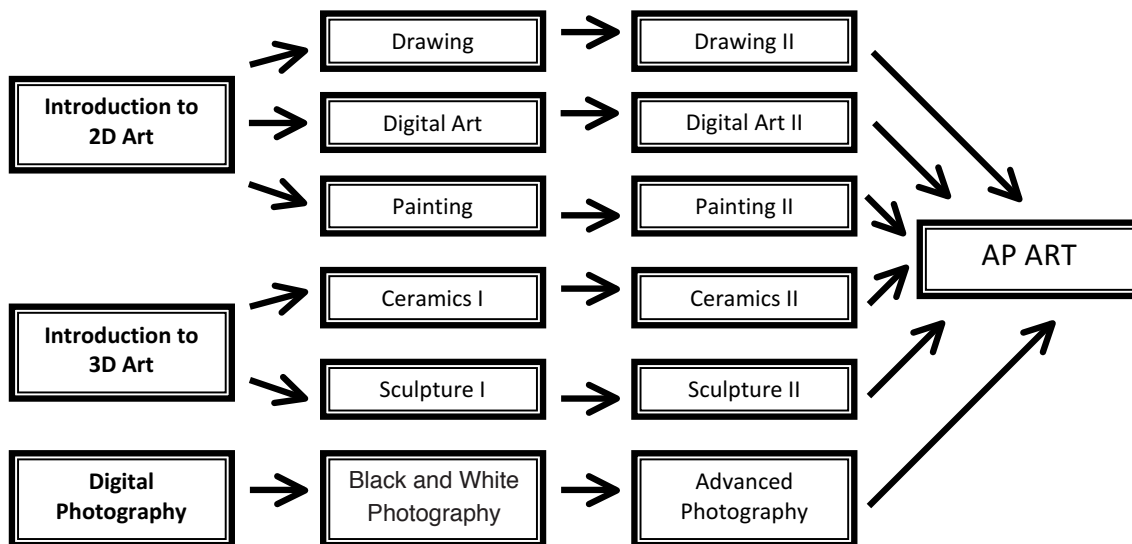


Art Education Courses

Visit the 2018 Rosemount High School Student Art Gallery at www.district196.org/rhs/art/!

Students enrolled in Visual Arts classes are rewarded with a multi-faceted education that includes examinations of world history and cultures, exercises in problem-solving skills, learning concepts essential to any design based industry, working with their hands, and most importantly: the opportunity to create their own expressive art.

The Art Department at Rosemount High School is designed with two courses that must be taken before entering any other art classes. Introduction to 2D Art and/or Introduction to 3D are prerequisites for each of the other art classes (ie, Drawing I, Ceramics I, etc.) Students taking any Art classes at Rosemount High School will work with a wide variety of materials and have the opportunity to express themselves through their projects. Although many areas of art and design will be explored, emphasis will be placed on the production of artwork. Each class is designed with the beginner in mind, but allows room for the advanced student to grow. No art experience is required to be successful!




Advanced levels of each course, as well as AP Studio Art, are offered as independent studies. Instructor approval is required for AP and all level III courses.

A \$10 materials donation for all Visual Arts courses will be requested. The 1 credit "Arts" requirement for High School graduation per School District 196 and Minnesota state standards will be satisfied by successful completion of any Visual Arts course.

The visual arts program is designed for students with the desire to express themselves through art materials, enrich their cultural awareness and, for some, explore career possibilities. The art courses are based on a discipline-based approach which incorporates history, evaluation, and aesthetic understanding. It is the goal of the art program to provide students with a journey of artistic discovery for creative self expression and personal fulfillment while using right brain functions considered essential for tomorrow's leaders, inventors, thinkers and artists. Students will be expected to learn about, as well as to make, art.

All students entering the art program should take one of the foundation design courses. For study in the basic art education techniques and skills of drawing and painting, students should take Introduction to 2D Art. In Introduction to 3D Art, students have the opportunity to explore the techniques and skills of three dimensional art materials and medias. Following these foundation courses students may continue to take additional courses such as Painting I, Drawing I, Ceramics I, Sculpture I and Digital Art. Please note that students wishing to take Ceramics I and Sculpture I should take the prerequisite course Introduction to 3D Art first. Eleventh and twelfth grade students continue beyond the level II courses by enrolling in Studio Art with a 2D or 3D focus (permission required). This course can also be used as an Advanced Placement credit for senior college-bound art students.

NOTE: A donation for all visual art courses will be requested.

 **NOTE: Successful completion of any course in this department will satisfy the 1 credit "Arts" requirement.**

ART EDUCATION COURSES

COURSES OFFERED TO STUDENTS IN GRADES 9, 10, 11 AND 12

0102 Introduction to 2D Art

Grades 9, 10, 11, 12
Prerequisite: None

No experience necessary! Introduction to 2D Art is an entry-level foundation course and is recommended for both the beginner and experienced students. Students will learn proper techniques using a wide variety of professional art materials, which may include graphite and colored pencil, acrylic and watercolor paint, ink and printmaking.

0103 Introduction to 3D Art

Grades 9, 10, 11, 12
Prerequisite: None

No experience necessary! Introduction to 3D Art is an entry-level foundation course covering various three-dimensional media and art forms and is recommended for both beginner and experienced students. Materials used in class may include clay, glass, metal, plaster and wood. Students will work with their hands and learn methods used to create functional artwork.

0130 Digital Art I

Grades 9, 10, 11, 12
Prerequisite: Introduction to 2D Art

Digital Art introduces students to a variety of creative projects using professional imaging software with a focus on Photoshop, Illustrator and Sketchbook. Projects will include a combination of graphic design and digital drawing: designing logos, converting handmade illustrations into electronic graphics, animating digital images and photographs, and for advanced students, using 3D animation programs to build and animate objects. Drawing exercises will be included to help develop traditional drawing skills used for digital imagery.

0134 Ceramics I

Grades 9, 10, 11, 12
Prerequisite: Introduction to 3D Art

Students will explore basic techniques and skills in the construction of functional and decorative hand-built and wheel-thrown pottery. Students will create a collection of their own glazed, finished pottery over the course of the trimester.

0136 Drawing I

Grades 9, 10, 11, 12
Prerequisite: Introduction to 2D Art

Students will explore the basic techniques and materials of observational, mechanical, and imaginative drawings. Materials that will be used are graphite pencils, pastels, conte crayons, charcoal, watercolor, ink, crayons, and color pencils. Students will learn methods and exercises to enhance their drawing skills.

0138 Painting I

Grades 9, 10, 11, 12
Prerequisite: Introduction to 2D Art

Painting techniques, materials, and history of watercolor and acrylics will be studied in this course. Color theory, mixing and paint application will be taught. Emphasis will be on composition, developing painting skills and understanding painting styles. Students will learn about the history of modern art. Portraits, landscapes, animal art, still life studies and interiors will be covered.

0140 Sculpture I

Grades 9, 10, 11, 12
Prerequisite: Introduction to 3D Art

Students will explore the techniques and materials used in making three-dimensional forms and constructions. Materials that may be used are wood, wax, paper, metal, clay and plaster. Processes that may be covered include casting, molding, carving, and construction such as welding or soldering. Art appreciation of past and present sculptors will be taught as it pertains to project activities.

0141 Ceramics II

Grades 9, 10, 11, 12
Prerequisite: Introduction to 3D Art and Ceramics I

This level II advanced course is an extension of Ceramics I. Students will work independently on hand-built and wheel-thrown clay forms that are both functional and decorative. Focus will be on developing skills in creating ceramic item as well as in learning about clays, glazing and firing pottery. Emphasis will be placed on development of a personal ceramic style, and the context of a student's artistic voice.

0142 Drawing II

Grades 9, 10, 11, 12
Prerequisite: Introduction to 2D Art and Drawing I

This level II advanced course is an extension of Drawing I. Students will independently explore advanced techniques and materials of abstract, representational, observational, imaginative, and mechanical drawing. Materials used include graphite, chalk, oil pastels, charcoal, ink, conte crayons, crayons, colored pencils, and scratchboard. Essential learning includes: measurement for correct proportion, drawing the human face and figure, gesture and contour drawing, one and two-point perspective, architectural rendering, and creating animals with textures using scratchboard techniques. Emphasis will be placed on development of a personal drawing style, and the context of a student's artistic voice.

ART EDUCATION COURSES

☘ 0144 Painting II

Grades 9, 10, 11, 12
Prerequisite: Introduction to 2D Art and Painting I

This level II advanced course is an extension of Painting I. Students will explore independently the history and techniques involved in watercolor, acrylic, and oil paints. Units on how to apply color theory to create mood, spatial relationships, and depth will be explored through observational studies of master painters in acrylics, creating angelic frescoes, expressive oil landscapes, and watercolor figure studies. Historical developments from the enlightened Renaissance to the explosion of 20th century art ideas will be discussed. Emphasis will be on developing a personal style in painting and understanding the ideas behind different styles of painting. Emphasis will be placed on development of a personal painting style, and the context of a student's artistic voice.

☘ 0146 Sculpture II

Grades 9, 10, 11, 12
Prerequisite: Introduction to 3D Art and Sculpture I

This level II advanced course is an extension of Sculpture I. Students will independently explore advanced techniques and materials in at least three processes. Focus will be on developing skills. Media used are paper, clay, plaster, wood, and plastics. Projects may include a classical Greek or Roman styled mythical moment, and earthenware clay studies in bas relief, thematic fragile wood and paper fan formations, interlocked balloon abstractions, painted plaster portrayal of physical movement, and carved wood figurine. Emphasis will be placed on development of a personal sculptural style, and the context of a student's artistic voice.

☘ 0151 Digital Art II

Grades 9, 10, 11, 12
Prerequisite: Introduction to 2D Art and Digital Art I

Digital Art II gives students the opportunity to further develop the software skills and tools learned in Digital Art I. Students will individually conceptualize and execute projects of their own design using software including Adobe Photoshop and Illustrator.

☘ 1126 Photography A: Digital Photography

Grades 9, 10, 11, 12
Prerequisite: None

Students will use their own digital cameras or will have one checked out to them to use for this course. Digital camera functions and Photoshop will be used together to create creative and professional looking digital images and prepare them for upload and online sharing. Students will have the opportunity to choose their own photo enhancements and manipulations, and will learn the language of digital images and files. **Note: A \$10 student donation for materials will be requested.**

☘ 1125 Photography B: Black and White Photography

Grades 9, 10, 11, 12
Prerequisite: Photography A (recommended)

Students will use 35mm black and white film to produce their own images in this introductory course. Emphasis is placed on camera functions and composition to create artistic photographs. Students will build a camera, learn the physics of photography, develop film and experience working in a darkroom to create black and white photographs. **Note: Successful completion of this course satisfies the 1 credit Arts requirement. Note: A \$10 student donation for materials will be requested.**

☘ 1127 Photography C: Advanced Photography

Grades 9, 10, 11, 12
Prerequisite: Photography A & B

A combination of 35mm film and digital processes will be used in this course. Students will have the opportunity to design their own projects that explore their individual voice and interests and will build a portfolio of images that covers many aspects of photography and shows off the students' individual style. Advanced darkroom and digital photographic process will be explored. **Note: A \$10 student donation for materials will be requested.**

COURSES OFFERED TO STUDENTS IN GRADES 11, 12

Studio Art / Advanced Placement Portfolio (college preparatory) Courses offered to students in grade 11, 12

☘ 0161 Advanced Placement Studio Art : 2D Design A

AP 0162 Advanced Placement Studio Art : 2D Design B

0163 Advanced Placement Studio Art : 2D Design C

Grade 11, 12
Grade 11, 12
Grade 11, 12
Prerequisite: Art Teacher Permission

Students enrolled in AP Studio Art 2D will establish their own studio space in the Art Department and create a portfolio of individual artworks over the course of three trimesters. Students will work individually with the instructor to design projects that reflect the students' unique skills, voice and interests. This collection of works is then submitted to the AP Board at the end of the school year in place of an exam for possible college credit. Instructor approval is the prerequisite for this class.



Business and Marketing Courses

Summary of Business Courses Offered at Rosemount High School

Class Name	Keyboarding	Introduction to Business	Business Management	Marketing	Fashion Merchandising	Accounting	Personal Money Management	Start Your Own Business	Investments 101	Advanced Accounting	Sports and Entertainment Marketing	Marketing II	Business and Marketing Internship
Grade Level	9 - 12	9 - 12	10 - 12	10 - 12	10 - 12	10 - 12	10 - 12	10 - 12	10 - 12	11 - 12	11 - 12	11 - 12	12
College Credits Available	3			3		4						3	
Meets Art Standard Requirement				X									
All students attending Rosemount High School	X						X		X				
All students planning on working full-time immediately after high school	X						X		X				
All students planning on attending a 2 - year college	X	X	X	X			X		X				
All students planning on attending a 4 - year college for a non-business-related major	X		X				X		X				
Specific Business Related College Majors													
Entrepreneurship Major	X	X	X	X		X	x	X	x	X		X	X
Accounting / Finance Major	X	X	X			X	x	x	X	X		X	X
Fashion Major	X	X	X	X	X	X	X	x	X	x		X	X
Marketing Major	X	X	X	X	X	X	x	x	X	x	X	X	X
Sports Marketing Major	X	X	X	X		x	x	X	X	x	X	X	X
International Business Major	X	X	X	X		X	X	x	X	x		X	X
Business Administration / Management Major	X	X	X	X		X	X	X	X	X	X	X	X
Pre-Law Major	X					X	X	x	X	x			X
Hospitality and Tourism Major	X	X	X	X		X	X	x	X	x	X	X	X

We are in the "business" of preparing students for their future. ALL of our courses are beneficial to all students, college bound or not.

 NOTE: Successful completion of the courses Marketing C: Advertising satisfies the 1 credit "Arts" requirement.

BUSINESS AND MARKETING COURSES

COURSES OFFERED TO STUDENTS IN GRADES 9, 10, 11, AND 12

It is strongly recommended that all students enroll in a year of keyboarding instruction in order to develop a lifelong skill. The rapid growth of computers in virtually all professions, schools and homes make keyboarding an essential tool in today's world.

- ♣ 0201 Keyboarding and Computer Applications A - Computer Skills for High School Success Grades 9, 10, 11, 12
Prerequisite: None

Keyboarding is a lifelong skill that all students should learn. The average student walks into the classroom with a speed between 20 and 25 words per minute, upon completion increases their speed between 35 and 40 words per minute. Students will receive instruction in the touch method, and proper techniques will be emphasized as students develop speed and accuracy at the keyboard. Students will also utilize Microsoft Word to develop skills in formatting business letterhead, memorandums, personal and business letters, outlines, and MLA reports. It is important for students to have at least the basic skills (at least two trimesters) and be able to word process their own papers in high school and beyond. **Students successfully completing this course may have the opportunity to earn Articulated College Credit from a post-secondary institution. Please contact the course instructor for more information regarding articulation agreements and participating colleges and universities.**

- ♣ 0202 Keyboarding and Computer Applications B - Computer Skills for High School Success and Beyond Grades 9, 10, 11, 12
Prerequisite: None

This course continues the development of speed and accuracy, while introducing the numbers on the keyboard. Microsoft Word will be utilized to create flyers, brochures, newsletters, and tables to make every school project a breeze. The power behind Microsoft Excel is also introduced. Sorting text, creating formulas, putting data from two documents into one, and formatting numbers are introduced in this class. Excel knowledge is a must for those considering a career in business and can aid in the success of students in math and science courses. **Students successfully completing this course may have the opportunity to earn Articulated College Credit from a post-secondary institution. Please contact the course instructor for more information regarding articulation agreements and participating colleges and universities.**

- ♣ 0203 Keyboarding and Computer Applications C - Advanced Computer Skills for High School Success and Beyond Grades 9, 10, 11, 12
Prerequisite: None

Students will continue to build on their database knowledge by working with Microsoft Access. Sorting text, creating formulas, and formatting numbers are introduced in this class. Microsoft Publisher, Movie Maker, and Adobe Photoshop are also introduced in this course. Students will be able to utilize the knowledge learned from this course and directly input it into their other classes to enhance projects and presentations. **Students successfully completing this course may have the opportunity to earn Articulated College Credit from a post-secondary institution. Please contact the course instructor for more information regarding articulation agreements and participating colleges and universities.**

COURSES OFFERED TO STUDENTS IN GRADES 9 AND 10

- ♣ 0225 Introduction to Business and Marketing Grades 9, 10
Prerequisite: None

Do you want to be a doctor? Lawyer? Engineer? CEO? No matter what career you plan to enter, understanding business basics are essential to your career success. This course will give you a broad exposure to business activities including marketing, management, business economics, international business, and entrepreneurship. Topics are introduced through current events, case studies, and group activities. This class is HIGHLY recommended for all business and marketing students.

COURSES OFFERED TO STUDENTS IN GRADES 10, 11, AND 12

- ♣ 0230 IT Exploration Grades 10, 11, 12
Prerequisite: None

There are many careers/opportunities in the industry of Information Technology. System Administration is a career that requires the understanding of computer hardware and how computers work. It also requires an understanding of how computers connect and communicate via networks. Software and Application Development is a career which involves the understanding of programming languages, coding. Information Security is a career which involves the process of protecting information and information systems from unauthorized use. Careers in Business Analytics involves the processing and analysis of raw data into useful reports and information.

BUSINESS AND MARKETING COURSES

Accounting is the language of business. It is recommended that any student planning to pursue a business major or minor after high school complete a FULL YEAR of accounting.

0232 Accounting A

Grades 10, 11, 12
Prerequisite: None

Begin your journey as one of the highest paid entry level positions out there in business today. Think about where you shop most often... Dick's Sporting Goods, Buckle, Chipotle, they all have a score card that tells you how they are doing. Do you know if your favorite store is actually successful or not? In this hands on class you will discover which businesses are going to make it and which ones are not. If you ever wanted to be pursue a career in advertising, sales, fashion, finance or sports marketing you need to have an understanding of where the company's money is being spent as well as how much it really earns. No matter what other types of businesses rise and fall, there will always be a need for accountants and this class will only make you more marketable. **Students successfully completing this course may have the opportunity to earn Articulated College Credit from a post-secondary institution. Please contact the course instructor for more information regarding articulation agreements and participating colleges and universities.**

0233 Accounting B

Grades 10, 11, 12
Prerequisite: Accounting A

Continue to discover what this successful and rewarding career is all about where starting salaries are among the highest of all university graduates and the potential for promotion and advancement are better than most degrees. When business is good everyone is happy. When it is not many companies cut jobs in various areas. One area of business that will always thrive is accounting. When our economy goes through difficult times, businesses need to make some tough decisions - can afford to even hire you or to continue to offer your parents as much vacation time? You probably have heard the statement "it is nothing personal it is just business" now you will completely understand what that means. **Students successfully completing this course may have the opportunity to earn Articulated College Credit from a post-secondary institution. Please contact the course instructor for more information regarding articulation agreements and participating colleges and universities.**

0234 Accounting C

Grades 10, 11, 12
Prerequisite: Accounting B

Do you know what has made McDonald's Corp. so successful? You need to look further past the burgers, fries and shakes on the financial statements to realize it is actually real estate!!! More CEOs have undergraduate or graduate degrees in accounting than any other area of study because they know it is "the language of business." Would you like to read financial statements like a CEO or a savvy investor does? Even if your ultimate goal has nothing to do with accounting, for those who wish to make it big in any industry, accounting is an essential place to begin.

Today's accountant is a key member of the management team for all private, public, non-profit and governmental organizations. Accounting provides excellent career opportunities and a strong foundation for upward, career mobility. If you want to rise through the ranks of the business world, a working knowledge of accounting is a requirement. **Students successfully completing this course may have the opportunity to earn Articulated College Credit from a post-secondary institution. Please contact the course instructor for more information regarding articulation agreements and participating colleges and universities.**

0235 Business Management A- Leading the Way

Grades 10, 11, 12
Prerequisite: None

Mark Zuckerberg, Zygi Wilf, Oprah Winfrey, Bill Gates-what do these individuals have in common? They all lead and inspire! Learn the ropes of what it takes to grow and maintain a successful business and career. Students will have the opportunity to develop skills related to planning, leading, organizing, and controlling and apply them to their own simulated business in this class. In addition, guest speakers from related fields such as entrepreneurs, business partners and business managers bring "real world" experiences to the classroom.

0236 Business Management B-Successful Teams and Personal Strategies

Grades 10, 11, 12
Prerequisite: None

You're in charge! Influence and persuade others to work harder for you. Harness the power of successful and efficient teams while developing skills to excel personally in a business environment. Business communication, project management and team building will be explored in this course while engaging in hands-on learning opportunities. Learn how empowering others to help build your empire can be a win-win situation.

0237 Business Management C-A Global Perspective

Grades 10, 11, 12
Prerequisite: None

China? India? Latin America? Multiply a company's success and impact exponentially by harnessing the opportunities within the U.S. and global. With a focus on efficiency and the bottom-line, learn strategies to help build your own business empire.

BUSINESS AND MARKETING COURSES

-  0238 **Marketing A: An Introduction to Marketing** Grades 10, 11, 12
Prerequisite: None

Have you ever purchased something because it was on sale or waited in line forever to buy a new CD, Book, Video, etc... Have you ever been watching TV and enjoyed the commercials more than the show? If you answered yes to any of these questions, you have been a victim of marketing. What do Amp, Verizon, and Dick's Sporting Goods have in common: they all use marketing and use it well. Whether developing a new energy drink or offering a promotion for the cell phone you cannot live without, marketing focuses on satisfying your needs and wants while making a profit. Be a part of this fun, energetic, current events based class and you will start to learn how to communicate effectively while having the right product at the right time, the right place, and the right price. Students will work in the school store and have the opportunity to participate in DECA (an association of marketing students). **Students successfully completing this course may have the opportunity to earn Articulated College Credit from a post-secondary institution. Please contact the course instructor for more information regarding articulation agreements and participating colleges and universities.**

-  0239 **Marketing B: Sales** Grades 10, 11, 12
Prerequisite: None

Would you like to get what you want more often? Are you ready to earn more money and be more successful? Isn't it fun when you are able to convince others of your ideas? Could you see yourself getting a better job because you know how easy it is to sell? If you answered yes to any of these questions then this class is a must take for you. Preparation in basic selling is vital to anyone considering a career in business. Participate in informative activities that show you the steps of the sale as well as how to implement them in your everyday life. Discover why Google, Q-Tips and Kleenex have become such strong brands as well as what it takes to make your brand stand out against your competition. Students will work in the school store and have the opportunity to participate in DECA (an association of marketing students). **Students successfully completing this course may have the opportunity to earn Articulated College Credit from a post-secondary institution. Please contact the course instructor for more information regarding articulation agreements and participating colleges and universities.**

-  0240 **Marketing C: Advertising** Grades 10, 11, 12
Prerequisite: None



Have you ever caught yourself humming an annoying jingle for a company? Why do some companies insist on creating advertisements that you believe are so bad? Do you ever wonder why a company would spend upwards of \$3 million dollars for advertising space during the Super Bowl? Join us to discover how advertising works and how easy it is to create effective advertisements. Students will work in the school store and have the opportunity to participate in DECA (an association of marketing students). NOTE: Successful completion of this course satisfies the 1 credit "Arts" requirement. **Students successfully completing this course may have the opportunity to earn Articulated College Credit from a post-secondary institution. Please contact the course instructor for more information regarding articulation agreements and participating colleges and universities.**

-  0247 **Personal Money Management A – Career Investigation** Grades 10, 11, 12
Prerequisite: None

What are your plans after high school? No matter your answer, this course is designed to provide students with an understanding of the opportunities available to you after high school. During this course students will determine personal interests, investigate careers, evaluate career choices in relationship to life goals and personal attributes will be explored. Students will also explore different post-secondary education and technical training options. Learn how to nail an interview, and exit this class with a personal portfolio based on your goals. Guest speakers from a variety of careers will come in to answer your questions regarding different career opportunities.

-  0244 **Personal Money Management B – Managing Your Money** Grades 10, 11, 12
Prerequisite: None

Almost 10% of individuals under the age of 25 declare bankruptcy. This class is all about the MONEY – how to save it, grow it, and avoid financial disaster. EVERY student should learn how to make smart financial decisions, and this class will give you the power to be financially successful. This course explores the importance of budgeting by exploring how to find the right bank for you, explains what credit is, how to fill out income taxes, buying a car, renting an apartment, and owning a home. Money talks... are you listening?

-  0245 **Personal Money Management C – Investing Your Money** Grades 10, 11, 12
Prerequisite: None

Imagine your dream car, and house. This is possible if you invest your money wisely. Every day billions of dollars are traded on the financial market, some come out winners while others losers. Learn how to create a diversified financial portfolio by investing your money in stocks, bonds, and mutual funds. Use your analytical skills, and maximize your wealth by utilizing The Stock Market Game to refine your skills. The road to a million bucks isn't for the lucky, it's for YOU, the educated investor.

BUSINESS AND MARKETING COURSES

COURSES OFFERED TO STUDENTS IN GRADES 11 & 12

☘ 0257 College Preparation Accounting A	Grades 11, 12	
0258 College Preparation Accounting B	Prerequisite:	None
0259 College Preparation Accounting C		

College Preparation Accounting is designed for those students who have successfully completed one year of accounting and wish to continue studying payroll, inventory, partnerships, corporations, and departmentalized accounting. The computer plays an integral part of this class with hands-on applications of accounting problems. Topics covered include general ledger, income tax preparation for individuals, accounts receivable, accounts payable, and business decision-making. The internal uses of accounting data by managers in making business decisions, and in controlling revenue, costs and expenses will be analyzed. Students will have an opportunity to develop self-confidence in accounting using a business simulation and a computerized accounting program. **Students successfully completing this course may have the opportunity to earn Articulated College Credit from a post-secondary institution. Please contact the course instructor for more information regarding articulation agreements and participating colleges and universities.**

☘ 0260 Sports and Entertainment Marketing A	Grades 10, 11, 12	
	Prerequisite:	None

Sure you know if the Vikings beat the Packers, if the Twins and Wild made the playoffs, and how awesome that concert was last night...but do you know who the real winners are at these events? How much money does Target make from putting its name on the side of a stadium? Who makes money when you buy a piece of merchandise? These are just a few of the questions that can be answered when you discover the ways businesses use sports and entertainment events to increase their profits. Students will participate in hands-on marketing projects, such as Fantasy Sports, and look at sports in a different way, as well as have the opportunity to participate in DECA.

☘ 0261 Sports and Entertainment Marketing B	Grades 10, 11, 12	
	Prerequisite:	None

What happens when your favorite player makes a poor decision off the field? How should a team handle the media? What should they say? Discover that teams who have the best relationships with the media are the ones to make these potentially damaging situations go away virtually unnoticed. Do you think it is fair that the MN Vikings make you purchase a preseason ticket in order to have the right to purchase a Viking vs. Packer ticket? Learn why they do this and the reason behind this policy. What makes the event you're attending so fun? Is it the music, the half time entertainment, the contests, or a combination? Learn what it takes to create value to the fan when the game is not being played. The marketing of a sports team starts well before the game even starts. Learn the simple steps in creating more value by enhancing the fan experience.

COURSES OFFERED TO STUDENTS IN GRADE 12

☘ 0281 Marketing II A	Grade 11, 12	
	Prerequisite:	None

Ever dream of owning your own business? Learn hands on what it takes to develop a new product and bring it to market. Gain a real world corporate perspective with a mentoring opportunity from employees at companies such as General Mills. Unleash your creativity with real life, hands on activities such as creating a product from scratch and developing your own business plan. Students will serve as management team members of the school store and have an opportunity to participate in DECA. **Students successfully completing this course may have the opportunity to earn Articulated College Credit from a post-secondary institution. Please contact the course instructor for more information regarding articulation agreements and participating colleges and universities.**

☘ 0282 Marketing II B	Grade 11, 12	
	Prerequisite:	None

Discover why customers keep coming back for more. This class is full of intriguing activities on how the brain, brands and emotions drive consumer behavior. Uncover how businesses give back to the community in order to bring you into the store more often. This entertaining hands on class provides you with valuable information to become a better leader along side with the business knowledge and business skills you will need for the rest of your life. **Students successfully completing this course may have the opportunity to earn Articulated College Credit from a post-secondary institution. Please contact the course instructor for more information regarding articulation agreements and participating colleges and universities.**

☘ 0283 Marketing II C	Grade 11, 12	
	Prerequisite:	None

Showcase your marketing and business knowledge by working with a local business in a unique opportunity to help them grow their business. This course is a valuable experience where your creativity and insight will be put to use in a meaningful activity. **Students successfully completing this course may have the opportunity to earn Articulated College Credit from a post-secondary institution. Please contact the course instructor for more information regarding articulation agreements and participating colleges and universities.**

BUSINESS AND MARKETING COURSES

- ✿ 0284 **Advanced Marketing/Business Internship A** Grade 12
- 0285 **Advanced Marketing/Business Internship B** Prerequisite: Coordinator Approval
- 0286 **Advanced Marketing/Business Internship C**

Do you have a job? Would you like to receive credit for working at that job? Are you looking to gain better experiences where you currently work? Take what you have learned in your business classes straight to the real world for an incredible experience. This class is designed for students who have identified a business or marketing occupation as their career objective or would like to explore the world of work in a business setting. Students are placed at a variety of training stations which provide realistic business and marketing experiences. Students earn two credits per trimester for the internship. **NOTE: Students participating in this program must be enrolled in Marketing II and Business Internship at the same time this course is taken.**



English/Language Arts Courses

English/Language Arts courses are offered in the areas of basic language arts, literature, reading, writing, speech and media. The special course requirements for students in grade 9, grade 10, grade 11 and grade 12 are listed below.

Course Requirements for Students in Grade 9

Each student in grade 9 must take one full year of English/Language Arts courses in one of the following course sequences:

English 9 A, B, and C or
Honors English 9 A, B, and C

Students must be enrolled in English 9 A, B, and C or Honors English 9 A, B, and C.

Course Requirements for Students in Grade 10

Each student in grade 10 must take one full year of English/Language Arts classes from one of the following sequences:

English 10 A, B and C or
InverPrep 10 A, B, and C or Honors Literature 10 A, B and C

Course Requirements for Students in Grade 11

Each student in grade 11 must take a full year of English/Language Arts classes from one of the following sequences:

English 11 A, B, and C or InCollege 11 A, B, and C or
Advanced Placement Language and Composition A, B, and C

Course Requirements for Students in Grade 12

Each student in grade 12 must take a full year of English/Language Arts classes from one of the following sequences:

English 12 and two additional English electives or
Advanced Placement Literature and Composition A,B,C or
College in the Schools Fiction and Composition

SELECTION OF ELECTIVE COURSES IN GRADES 9, 10, 11, and 12

When choosing English/Language Arts courses, consider the following departmental recommendations:

Core Courses/Literature and Writing Based - enable students to explore the world through literature, develop a life-time enjoyment of reading, and develop critical thinking skills through writing.

- Contemporary Literature 11-12
- Comparative Mythology 11-12
- Reading Lab 10 (department recommendation)
- Reading for College & Career 11 (department recommendation)
- Critical Reading and Writing 12 (department recommendation)

Writing Courses

- Advanced Composition 11-12
- Creative Writing 11-12
- Journalism and Media Studies 11-12
- Writing Lab 11-12 (department recommendation)

Advanced Placement and College Courses (Registration by recommendation only)

- Advanced Placement Language and Composition A, B, C 11
- Advanced Placement Literature and Composition A, B, C 12
- InCollege 11 A, B, and C
- Introduction to College Composition (College in the Schools) 12
- Introduction to College Fiction (College in the Schools) 12
- Communication Studies: Intro to Public Speaking (College in the Schools) 11-12

Communication Courses

- Irish Update elective credits only) 10-12
- IU: Broadcast Journalism (one English, two elective credits) 10-12
- Interpersonal Communication 11-12

ENGLISH/LANGUAGE ARTS COURSES

COURSES OFFERED TO STUDENTS IN GRADES 9, 10, 11, AND 12

- ☘ 0304 English 9A Grades 9, 10, 11, 12
- 0305 English 9B Prerequisite: None
- 0306 English 9C

English 9 consists of general study designed to prepare students for further learning experiences in the area of language arts. The course will include writing instruction and usage. Students will review punctuation and usage rules, increase their vocabulary and use the writing process to develop several multi-paragraph essays. Students will learn and demonstrate an understanding of basic speech structure and organization. Students will also read to critically comprehend poetry, drama, short stories and novels. **To fulfill graduation requirements, each student must take either the above sequence of courses or Honors English 9A, B and C.**

- ☘ 0307 Honors English 9A Grades 9
- 0308 Honors English 9B Prerequisite: Teacher Guidance Recommended
- 0309 Honors English 9C

This course sequence includes expanded literary, writing and speaking experiences. Students in this advanced level course will begin preparation for the Advanced Placement Literature and Composition, and Language and Composition examinations. **This course includes required summer reading and/or writing assignments.**

- ☘ 0322 Academic Literacy A Grades 9
- 0323 Academic Literacy B Prerequisite: Literacy Coordinator Recommendation
- 0324 Academic Literacy C

Academic Literacy is a year-long intervention course designed to accelerate students' literacy growth. The focus of the class will be on academic literacy skills that will enable the student to be successful across content areas. The course will focus on reading engagement with self selected texts, strategic reading, self-monitoring, and word competency. Students will learn to read for different purposes using both fiction and non-fiction texts of varying complexities.

- ☘ 0337 IU: Broadcast Journalism A Grades 9, 10, 11, 12
- 0338 IU: Broadcast Journalism B Prerequisite: None
- 0339 IU: Broadcast Journalism C

This year long course will introduce students to web and television journalism. Gain skills in newsgathering, investigative reporting, studio production, script writing, interviewing, live event production, and television production. The class will be tasked with producing stories that will air live and on the Web. **NOTE: This course is an English elective and qualifies as one of the 12 English credits needed for graduation and two elective credits. NOTE: This course is not an NCAA core academic course.**

COURSES OFFERED TO STUDENTS IN GRADES 10, 11, AND 12

- ☘ 0310 Reading Lab 10 Grades 10
- Prerequisite: Literacy Coordinator Recommendation

Reading Lab is a developmental workshop in which the goal is success in reading. Areas of emphasis are improving comprehension, vocabulary and recreational reading. Students will be assessed for strengths and areas of need in reading. The course is structured to provide frequent feedback. While instruction is differentiated to meet students' individual needs, some small and large group instruction will occur. **NOTE: Certain colleges and universities will not accept this course as meeting their entrance requirement in English. NOTE: This course is not an NCAA core academic class.**


- ☘ 0311 Writing Lab Grades 11, 12
- Prerequisite: Teacher Recommendation

Writing Lab is a concentrated, individualized writing program which can help students learn basic skills, improve their paragraph writing and help them write longer compositions. Students will learn the skills necessary to be successful on the GRAD writing test. **NOTE: Certain colleges and universities will not accept this course as meeting their entrance requirement in English. NOTE: This course is not an NCAA core academic class.**


- ☘ 0328 English 10 A Grades 10, 11, 12
- 0329 English 10 B Prerequisite: None
- 0330 English 10 C

These courses will provide students with an integrated experience in literature, writing, and speech. Students will be asked to read and react to short stories, nonfiction, poetry, novels, and drama. They will be required to use standard American usage in their writing of various essays and speeches. Basic speech structure and organization, as well as public speaking skills, will be covered. Particular attention will focus on preparation for state standardized tests. **NOTE: English 10 is a year-long course. Students should register for all three courses.**

ENGLISH/LANGUAGE ARTS COURSES

-  0328CP **InverPrep English 10 A** Grades 10, 11, 12
 0329CP **InverPrep English 10 B** Prerequisite: Have ACCUPLACER test scores between 63-77 on
 0330CP **InverPrep English 10 C** reading test and teacher approval

This is a special college preparation section of English 10 A B and C, designed in conjunction with Inver Hills Community College's courses READ 90, 93, and ENG 99. Students in this class will meet the Minnesota and district standards for tenth grade, as well as strengthen their academic reading and writing skills so they can be successful in college classes. Successful completion of the year-long English 10 InverPrep course (earning grade of "C" or better each trimester) is a prerequisite for enrolling in the InCollege college-credit bearing English classes at Rosemount High School in the junior year.

-  0331 **Honors Literature 10A** Grade 10
 0332 **Honors Literature 10B** Prerequisite: Teacher Guidance Recommended
 0333 **Honors Literature 10C**

This course takes a thematic approach to allow students to think critically about classic literature and nonfiction texts. Students will enhance their deep reading and analytical skills through a variety of speaking, reading, writing, and creative experiences. Students should possess a strong interest in literature and be willing to be academically challenged. **Note: This is a year-long course, and students should register for A, B, and C. This course includes required summer reading and writing assignments.**

-  0340 **Irish Update A** Grades 10, 11, 12
 0341 **Irish Update B** Prerequisite: None
 0342 **Irish Update C**

This class produces the weekly RHS highlights show, Irish Update, broadcast to Rosemount High School and the Web. Students will get hands-on experience producing music videos and highlight mashups. Join the team and learn filming, editing, directing, special effects and studio production. This course takes place in our on-site recording studio giving students access to advanced video and audio technology to create their projects. **NOTE: This course does not qualify as an English credit for graduation. NOTE: This course is not an NCAA core academic course.**

COURSES OFFERED TO STUDENTS IN GRADES 11 AND 12

-  0317 **Reading for College and Career 11** Grades 11
 Prerequisite: Literacy Coordinator Recommendation


Reading for College and Career is designed to improve higher level reading and study skills necessary for success in high school and beyond. Students will build self-confidence in cultivating their capabilities when reading and writing. Guided instruction is embedded in lessons to navigate challenging texts and deepen learning. **NOTE: Certain colleges and universities will not accept this course as meeting their entrance requirements in English. NOTE: This course is not an NCAA core academic class.**

-  0334 **Journalism and Media Studies** Grades 11, 12
 Prerequisite: None

This course will introduce basic journalism skills and the role of the press in our society. Students will study interviewing and sports, news, feature and editorial writing. Work done by students in these areas may be published in the school newspaper. In addition, students will study the role and impact of media in today's society.

-  0351 **English 11A** Grades 11, 12
 0352 **English 11B** Prerequisite: None
 0353 **English 11C**

Students in this course sequence will develop strategies in analyzing and personally responding to literature through writing and speaking. Composition organization, style, voice, sentence structure and mechanics/usage will be emphasized. Students will write argumentative, narrative, and informative essays incorporating research skills. Students in this course will be required to read and write extensively; out of class reading and writing will be required. **These courses are required for graduation.**

-  0351CP **Writing and Research: InCollege A** Grades 11
 0352CP **Writing and Research/Intro to Lit: InCollege B** Prerequisite: Grades of C or above in Inver Hills
 0353CP **Intro to Literature: InCollege C** sections of InverPrep Eng 10 OR Accuplacer test
 score of 78 or above



Note: This course is a two semester-long course; must be taken as a year long sequence.

The first semester is a concurrent enrollment course with Inver Hills Community College's ENG 1108 Writing And Research Skills. This class emphasizes critical writing, reading, and thinking with attention to rhetorical elements such as argumentative structure, audience, and purpose. Students learn types of college writing and research techniques; report, synthesize, and draw conclusions from their readings; document the use of sources; and practice the writing process. The second semester is a concurrent enrollment course with Inver Hills Community College's ENG 1140 Introduction to Literature. This course introduces students to the methods of examining and understanding poetry, drama, novels, short stories and creative nonfiction. **Note: Successful completion of this year-long course will earn 3 RHS English credits and 8.0 English credits from Inver Hills Community College.**

ENGLISH/LANGUAGE ARTS COURSES

- ☘ 0354 **Advanced Placement Language and Composition A** Grade 11
AP 0355 **Advanced Placement Language and Composition B** Prerequisite: Teacher Guidance Recommended
0356 **Advanced Placement Language and Composition C**

Advanced Placement English Language and Composition is a college preparatory literature and writing course designed to enhance a student's ability to critically analyze and write about literature and nonfiction. The student will make personal and critical responses to literature through close reading, discussion, and writing. This course will help prepare students to take the AP Language and Composition Exam as juniors and the AP Literature and Composition Exam as seniors. AP Language and Composition will help students to become skilled readers of texts reflecting different periods and rhetorical contexts. Students will also write for a variety of purposes and address the importance of purpose, audience, and the effective use of language. **This course includes required summer reading and/or writing assignments.**

- ☘ 0359 **Advanced Composition** Grades 11, 12
Prerequisite: None

This course is designed and strongly recommended for the college-bound student who wishes to improve his or her ability to write technically and critically. Through the use of a process approach, emphasis will be placed on such concepts as unified composition structure, logical organization, and writing with a sense of audience, strategy, and purpose.

- ☘ 0361 **Comparative Mythology** Grades 11, 12
Prerequisite: None

This course introduces the study of mythology, examining traditional stories from cultures around the world. As myths are studied, students discover similar themes as well as typical strong patterns: creation, fertility, and the hero's journey. *Gilgamesh* and *Beowulf* represent cultural and mythic views of the hero. Literacy skills of reading, writing and speaking will be practiced throughout the course.

- ☘ 0362 **Contemporary Literature** Grades 11, 12
Prerequisite: None

This course will explore fiction and non-fiction texts that examine contemporary social and cultural issues from multiple points of view. The course will pair texts from varied genres (e.g. poetry, short story, essay, informational text, film) thematically. Students will be expected to read critically, comprehend thoroughly, and respond actively to the texts in class discussions and written assignments. This course will prepare students to think and write critically about the world around them.

- ☘ 0366 **Creative Writing** Grades 11, 12
Prerequisite: None

This course is intended for the student with special ability and interest in writing. Emphasis will be placed on creativity derived from new ways of looking at familiar things. The class is comprised of technique and style discussions, reading assignments, and writing exercises in both prose and poetry.

- ☘ 0367 **Interpersonal Communication** Grades 11, 12
Prerequisite: None



This course will ask students to analyze and interpret the role of communication in today's society. Individually and collaboratively, students will demonstrate critical thinking through speaking and writing. Through this intellectual inquiry and practice, students will grow to understand themselves and their interactions with others.

COURSES OFFERED TO STUDENTS IN GRADE 12

- ☘ 0375 **English 12** Grade 12
Prerequisite: None

This course polishes the language arts skills developed throughout students' high school English career. Studying a classical American novel, Native American texts, and seminal American documents, students will improve their abilities to read closely, write with elegance and clarity, and think critically. **This course is required for graduation. NOTE: Students who earned a "C" or higher in AP Language and Composition A,B, & C and are not registering for AP Literature or CIS Composition and Fiction are not required to take English 12 and should register for three English electives.**



ENGLISH/LANGUAGE ARTS COURSES

-  0376 **Advanced Placement Literature and Composition A** Grade 12
 0377 **Advanced Placement Literature and Composition B** Prerequisite: Teacher Guidance Recommended
0378 **Advanced Placement Literature and Composition C**



AP English Literature and Composition provides content, approaches, and expectations commensurate with a college English course. Students will analyze how an author makes meaning and will analyze elements of style used in the short story, novel, drama, poetry, and film. The course will include intensive study of representative works from various periods and concentrate on works of “literary merit” as set forth by the Advanced Placement Program. Students are expected to read deliberately and thoroughly taking time to understand a work’s complexity, to absorb its richness of meaning, and to analyze how that meaning is embodied in literary form. Writing assignments will focus on the critical analysis of literature, the choices writers make and the impact of those choices. Students will strengthen their ability to explain clearly, precisely, and vividly their interpretation of literary works. Writing instruction will direct students to consider their own diction, syntax, tone, voice, and organizational strategies. **This course requires summer reading and/or writing assignments.**

-  0380 **Critical Reading and Writing** Grade 12
Prerequisite: Department Recommendation

Critical Reading and Writing will teach and reinforce the reading and writing skills necessary for success in the world of work, in a technical school, or in a community college. Students will be asked to write a persuasive and an analytic essay and to read two texts. The course is skill based and will provide students with strategies they can use to be successful readers and writers in school and in the workplace. **NOTE: This course is not an NCAA core academic class.**

-  0381 **Introduction to College Fiction:** Grade 12
 **College in the Schools** Prerequisite: The University of MN requires students to be in the top 20% of class. See your current English teacher for this info.

University of Minnesota course Introduction to Literature (ENG 1001W) is designed for college bound seniors who are ready to begin the college experience. Highly motivated students who are in the top 20 percent of their class are encouraged to register for this course. Students will read six to eight texts from the 20th century, ranging from the traditional to the unconventional. Texts studied may include Ursula Hegi’s *Stones From the River*, Tim O’Brien’s *The Things They Carried*, August Wilson’s *Fences*, Toni Morrison’s *Beloved* or *Sula*, James Baldwin’s *Giovanni’s Room*, Dorothy Allison’s *Bastard Out of Carolina*, Thomas King’s *Green Grass Running Water*, and Leslie Marmon Silko’s *Ceremony*. Based on their performance, students can earn four University of Minnesota college credits. In classroom sessions — largely vigorous discussions — students will be encouraged to consider literary form, criticism, and interpretation and to respond to books they read in a personal way, bringing their own life experiences to bear. Discussions may address topics considered controversial — eating disorders, abuse and various forms of oppression, including imperialism, racism and war — and students will receive background materials to help them place works in the context of meaningful contemporary issues. Much of the writing in this course will grow out of classroom discussions. Students will use writing as a way to explore and learn; therefore, writing assignments will be substantial but less formal in nature as less emphasis will be placed on the finished product. Students will have more freedom and more responsibility for their own learning than is usual in a high school classroom. This course encourages students to think like college students. They will be given responsibility for reading secondary materials and formulating their own opinions. **NOTE: This course must be taken in conjunction with College in the Schools: Introduction to College Composition to form a year long sequence. Register for 0381 and 0382; do not register for a Trimester 3 course. This course includes required summer reading and/or writing assignments.**

-  0382 **Introduction to College Composition:** Grade 12
 **College in the Schools** Prerequisite: The University of MN requires students to be in the top 20% of class. See your current English teacher for this info.

University Writing (WRIT 1301) is a four semester credit college course offered through the University of Minnesota’s College in the Schools Program. Students in the top 20 percent of their high school class may earn these credits, thereby fulfilling the freshmen composition requirement at the University of Minnesota as well as earning high school credit. The course is governed by the rules and expectations of the University of Minnesota. Through four required papers, the course will focus on the process of writing, practicing strategies to invent, focus, draft, conference, revise, and edit. Active participation in the writing community of this class is essential. **NOTE: A student donation for field trips will be requested. NOTE: This course must be taken in conjunction with College in the Schools: Introduction to College Fiction to form a year long sequence. Register for 0381 and 0382; do not register for a Trimester 3 course. This course includes required summer reading and/or writing assignments.**

ENGLISH/LANGUAGE ARTS COURSES

 0395 **Communication Studies: Introduction to Public Speaking**
 College in the Schools

Grade 11, 12

Prerequisite: The University of MN requires students to be in the top 30% of class. See your current English teacher for this info.

Introduction to Public Speaking (COMM 1101) is a three semester credit college course offered through the University of Minnesota's College in the Schools Program. This reading and writing intensive course is designed to help students develop their oral presentation skills and strengthen their ability to organize and express their ideas successfully, thereby fulfilling the freshman communication requirement at the university as well as earning an English high school credit. Through intense reading and writing, students will prepare, rehearse, and deliver public-address speeches with an audience-centered approach. Attendance and active participation are critical to student success. **Note: Students need to be in the top 30% of their class. Due to the U of M's strict enrollment cap, preference will be given to seniors.**

 0383 **Independent Study: English/Language Arts**

Grade 12

Prerequisite: Instructor Approval

This course is designed for students who have taken all the courses available in a particular area of communications—reading, writing, or speaking—and want to study the area in greater depth. Students will work on self-designed projects under the supervision of an English Department teacher. Students wishing to enroll in this course should get a project proposal form from an English Department teacher, complete the form, and get the approval of the English Department Coordinator before registering for the course. Students taking Independent Study: English/Language Arts will only receive a pass/no credit grade. **NOTE: This course is not an NCAA core academic class.**

 1805 **ACT Prep**

Grades 10, 11, 12

Prerequisite: None

Whether you have taken the ACT test before or you are new to the experience, this course will prepare you to do your personal best. The trimester long elective course will navigate students through the ACT testing process and will focus on understanding the format of the test, building strategies for answering more questions correctly and pacing yourself during a timed test. Students build confidence and skills that will boost their scores on the actual test. Students will have access to hundreds of practice questions and an online program that helps them continue preparing even after the course is completed. One assignment for the course will be to take a mock test under actual testing conditions outside the normal school day. Students are encouraged to purchase an ACT Prep workbook to enhance their learning in the class. **Note: The course is a general elective credit and does not qualify as one of the [English, Math, Science, Social Studies] credits required for graduation. Note: This course is not an NCAA core academic class.**



Family and Consumer Science (FACS) Courses

The Family and Consumer Science Department offers courses that enable students to build, maintain and strengthen interpersonal relationships, apply logical thinking skills in making living decisions, and develop effective life management skills. Department course offerings include:

CHILD DEVELOPMENT

- Child Development 9-12
- Parenting 10-12
- Intro to Teacher Education 11-12

INTERIOR DESIGN

- Interior Design 9-12
- Advanced Interior Design 11-12

FOODS

- Let's Eat!: Introduction to Culinary Arts 9-12
- Favorite Foods: Exploring Culinary Arts 10-12
- Gourmet Cooking: Advanced Culinary Arts 11-12

FAMILY LIFE/INDEPENDENT LIVING

- Exploring Relationships 10-12
- Independent Living: LIFE 101 10-12

 **NOTE: Successful completion of the course Interior Design, satisfies the 1 credit "Arts" requirement.**

THE SCHOOL BOARD STRONGLY RECOMMENDS ENROLLING IN A MINIMUM OF ONE FAMILY LIFE CLASS PRIOR TO GRADUATION. FACS classes which fulfill this recommendation are Parenting and LIFE: Relationships.

COURSES OFFERED TO STUDENTS IN GRADES 9, 10, 11 AND 12


 **0402 Let's Eat!: Introduction to Culinary Arts** Grades 9, 10, 11, 12
Prerequisite: None

Pizza, pasta and more! Explore how food choices can contribute to one's well-being and peak physical performance. Laboratory experiences include: casseroles, pies, breakfast, baking, healthy snacks, cooking with cheese, homemade soups, salads, meat cookery and a grande finale buffet. **NOTE: A student donation of \$30 for laboratory supplies will be requested.**

 **0404 Child Development** Grades 9, 10, 11, 12
Prerequisite: None

See the world through the eyes of a child! Learn how children develop physically, emotionally, socially and intellectually, by assuming the role of teacher in conducting a six-week preschool experience for community preschoolers. Have fun and gain experience working with young children. **Students successfully completing this course may have the opportunity to earn Articulated College Credit from a post-secondary institution. Please contact the course instructor for more information regarding articulation agreements and participating colleges and universities.**

 **0406 Interior Design** Grades 9, 10, 11, 12
Prerequisite: None

 Interior Design will enable the student to create a home with warmth and individuality. Activities will focus on housing choices, floor plans, design principles and elements, furnishings and accessories. Students will design the interior of an apartment to complete the study. **NOTE: Successful completion of this course satisfies the 1 credit "Arts" requirement. Students successfully completing Interior Design. Students successfully completing this course may have the opportunity to earn Articulated College Credit from a post-secondary institution. Please contact the course instructor for more information regarding articulation agreements and participating colleges and universities.**

COURSES OFFERED TO STUDENTS IN GRADES 10, 11, 12

 **0427 Favorite Foods: Exploring Culinary Arts** Grades 10, 11, 12
Prerequisite: None

Beyond mac & cheese, experience the exciting world of food! Through creative food preparation activities, explore the relationship between food and health. Laboratory experiences include: regional specialties, creative sandwiches, cakes, vegetables, omelets, homemade cinnamon rolls and a taco dinner buffet. **NOTE: A student donation of \$30 for laboratory supplies will be requested.**

FAMILY AND CONSUMER SCIENCE: FACS

0428 Parenting

Grades 10, 11, 12
Prerequisite: None

This course examines the roles and responsibilities of effective parenthood. Topics include the decision to parent, having a healthy baby, life with a newborn, and building positive parent-child relationships. An experience with a newborn baby simulator, "Real Care Baby" will be offered, but not required. **NOTE: Human Sexuality Curriculum and HIV/AIDS Curriculum are presented in this course.**

0452 Exploring Relationships

Grades 10, 11, 12
Prerequisite: None

A course for everyone! Prepare for successful life relationships in your personal life with friends and with work colleagues. Good communication skills are essential to your future. Being an excellent communicator can help you land your first job and ensure positive relationships. In this class topics include: interpersonal communication skills, negotiate effectively, family dynamics, dating, and love. The course will enable you to recognize and deal with the many challenging issues at work and home facing young adults today. This course is strongly recommended by the District 196 School Board and administration to be completed by every student prior to graduation. **NOTE: Human Sexuality Curriculum and HIV/AIDS Curriculum are presented in this course.**

0453 Independent Living: LIFE 101

Grades 10, 11, 12
Prerequisite: None

This fast-paced course explores the demanding life of the adult world and the realities of living on your own. Students will learn how to find an apartment and successfully share space with a roommate. Using their math skills, students will learn how to manage their personal finances including budgeting, banking, personal loans and the wise use of credit. A highlight of the class is a car buying project.

COURSES OFFERED TO STUDENTS IN GRADES 11 AND 12

0450 Introduction to Teacher Education

Grades 11, 12
Prerequisite: None

Thinking of a career in education, coaching, or working with children? This course is for students considering a career related to children. Acquire advanced knowledge of child development theory and increase your understanding of children's needs. Further develop your skills by observing and working with children in real life settings. Explore child related professions through research and an internship experience. Sites may include: kindergarten and elementary classrooms, Montessori schools, children's hospital, YMCA programs or day care centers. **Completed application and instructor approval is required for this class. Students will be required to provide transportation to the internship site. This is a two credit, two period class. Students successfully completing this course may have the opportunity to earn Articulated College Credit from a post-secondary institution. Please contact the course instructor for more information regarding articulation agreements and participating colleges and universities.**

0451 Gourmet Cooking: Advanced Culinary Arts

Grades 11, 12
Prerequisite: Let's Eat! OR Favorite Foods with a grade of "B" or above

For those who love to cook! Explore the challenging world of one of the nation's fastest growing career areas. This class explores gourmet cooking, food technology and career opportunities. Laboratory experiences include cooking with chocolate, meats, healthy cooking, garnishing, cake decorating, international cuisine and more! **NOTE: A student donation of \$30 for laboratory supplies will be requested.**

0454 Advanced Interior Design

Grades 11, 12
Prerequisite: Interior Design with a grade of "B" or above

Advanced Interior Design is designed for students who have a strong interest in interior design or careers related to housing. Topics of study include housing styles, floor plans, home construction and advanced decorating techniques. Students will participate in a field trip to a design studio and the International Market Square where top Minnesota interior designers work. **Students successfully completing this course may have the opportunity to earn Articulated College Credit from a post-secondary institution. Please contact the course instructor for more information regarding articulation agreements and participating colleges and universities.**



Languages of the World Courses

The Languages of the World Department offers students the opportunity to explore the Spanish, French, Chinese, and German languages and cultures. As students develop skills in speaking, listening, reading and writing, they will explore the customs and lives of those who speak these languages. As the world continues to get smaller and smaller, the need to know other languages and cultures becomes even more critical. In order to be prepared for possible college and/or career requirements, study of a world language is recommended for all students.

NOTE FOR COLLEGE BOUND STUDENTS: Because of increased language expectations beyond two years of study at many colleges and universities, the World Language Department recommends that college/university-bound students consider three (3) years or more of uninterrupted language study through the senior year. Most colleges and universities consider one whole year of high school language study to be equivalent to one semester or less of college work.

Through the **College in the Schools** program, French, German, Chinese, and Spanish students may earn five to twelve semester credits from the University of Minnesota while continuing to pursue their language study right here at Rosemount High School.

NOTE: Placement of students with native capacities will be a decision of the World Language Department staff.

NOTE: These courses are a year-long sequence. Continuation in the course sequence is contingent upon receiving a passing grade the previous trimester.

COURSES OFFERED TO STUDENTS IN GRADES 9, 10, 11 AND 12

- ☘ 0501 **Spanish IA** Grades 9, 10, 11, 12
- 0502 **Spanish IB** Prerequisite: None
- 0503 **Spanish IC**

Students will be introduced to the Spanish language through interactive real life language tasks that include a thematic focus on leisure activities, food, school life, homes, family, clothing, weather, and more! Beginning level language skills and communicative competency are developed through listening, reading, speaking and writing exercises. Students will also explore various cultural aspects of Hispanic communities including family, music, school systems, the culinary arts, and other social norms.

- ☘ 0504 **French IA** Grades 9, 10, 11, 12
- 0505 **French IB** Prerequisite: None
- 0506 **French IC**

While learning the basics of the French language, students will explore the cultures, behaviors, and landmarks of a variety of francophone countries. Simple communication will be emphasized within meaningful cultural contexts. Students will explore and experience France and the francophone world, communicate through skill-building, and extend their learning through integrated technology for engaging, real-world instruction. Themes addressed this year include: self, friends, family, home and furnishings, school and education, weather, foods and restaurants, daily and leisure activities, sports, money and shopping, getting around a city, vacation and travel, music and entertainment.

- ☘ 0507 **German IA** Grades 9, 10, 11, 12
- 0508 **German IB** Prerequisite: None
- 0509 **German IC**

Participants in this course will develop a balance of listening, reading, speaking and writing skills in German, as well as an introductory knowledge of German culture. After one year, successful students will be able to communicate about family, friends, school, sports, and themselves. They'll also be able to function in Germany in basic travel situations such as shopping, restaurants and free time activities.

- ☘ 0510 **Mandarin Chinese I A** Grade 9, 10, 11, 12
- 0511 **Mandarin Chinese I B** Prerequisite: None
- 0512 **Mandarin Chinese I C**

Students will be able to exchange information about personal events, memorable experiences and school subjects. Students will also be able to compare Chinese culture to their own, copy or transcribe familiar words and phrases and produce some isolated words and phrases in context. Through activities such as paired practice, small-group work and teacher-guided instruction, students will develop proficiency in the areas of listening, speaking, reading and writing. Students must be registered for the yearlong A, B, C sequence.

LANGUAGES OF THE WORLD COURSES

- ☘ 0513 **Spanish IIA** Grades 9, 10, 11, 12
0514 **Spanish IIB** Prerequisite: Grade of C or higher in Spanish IA, B, C
0515 **Spanish IIC** is highly recommended

Students will continue to expand their language abilities and communicative competency in the Spanish language through exploration of common everyday topics and study of the language structures and vocabulary necessary to use Spanish on a functional and practical level in real life situations. The course emphasizes all four modes of language learning: listening, reading, speaking, and writing. Students will also continue to compare and contrast major cultural elements of the Hispanic world to their local communities.

- ☘ 0516 **Spanish Immersion** Grades 9, 10, 11, 12
Prerequisite: Spanish IA, B, C and Spanish IIA, B, C and Instructor Permission

A family stay during the summer in a Spanish-speaking country is the setting for this class. Students prepare for this experience during spring trimester with several after-school sessions that focus on survival skills. Emphasis is placed on improving language skills and cultural knowledge. This course is an "ungraded" (pass/no credit) elective credit.

- ☘ 0517 **French IIA** Grades 9, 10, 11, 12
0518 **French IIB** Prerequisite: Successful completion of French IA, B, C
0519 **French IIC**

Students will continue to expand their knowledge of the francophone world-the five European French-Speaking countries and forty other countries around the world where French is a first or second language. While honing their language skills aurally and orally in extended readings and writings, they will extend their ability to talk about themselves and others, meals and food, free-time and entertainment, sports and health, house and home, clothes and accessories.

- ☘ 0520 **German IIA** Grades 9, 10, 11, 12
0521 **German IIB** Prerequisite: Successful completion of German IA, B, C
0522 **German IIC**

Students will sharpen and expand upon skills learned in German I. You'll learn how to communicate about past and future events, talk about house and home, and function in German speaking countries in basic travel situations. Participants will also increase their knowledge about cultural differences throughout the course.

- ☘ 0523 **Mandarin Chinese II A** Grade 9, 10, 11, 12
0524 **Mandarin Chinese II B** Prerequisite: Successful completion of middle school Mandarin
0525 **Mandarin Chinese II C** Chinese or Mandarin Chinese I A, B, C

Students will continue to speak, read and write Mandarin Chinese and be able to successfully interact with others. Students will be able to exchange information about personal events and memorable experiences. Students will also be able to compare Chinese culture to their own and produce phrases and sentences in Chinese characters with limited support. Through activities such as paired practice, small-group work and teacher-guided instruction, students will develop language proficiency. Students must be registered for the yearlong A, B, C sequence.

COURSES OFFERED TO STUDENTS IN GRADES 10, 11, AND 12

- ☘ 0530 **Spanish IIIA** Grades 10, 11, 12
0531 **Spanish IIIB** Prerequisite: Grade of C or higher in Spanish IIA, B, C
0532 **Spanish IIIC** is highly recommended

Students will continue to expand their Spanish vocabulary and grammar skills. All four modes of language learning (listening, reading, speaking, and writing) will be used to improve their proficiency and communicative competency in the target language. Students will also increase cultural understanding of the Hispanic world through the exploration of diverse topics related to travel, culinary arts, the media, celebrations and traditions in the Spanish-speaking world.


- ☘ 0533 **French Immersion** Grades 10, 11, 12
Prerequisite: French IA, B, C and French IIA, B, C and instructor permission

In preparation for their voyage to France, students will attend several orientation sessions related to money matters, cultural differences, dining experiences, historical perspectives, etc. These pre-departure meetings will be outside the school day. In France, students will spend approximately one week traveling throughout the country, one week in Paris and another week living with a French family. Both during the travel and family stay portions of their trip, students will maintain a journal in which they note their observations. This course is an "ungraded" (pass/no credit) elective credit.


- ☘ 0534 **French IIIA** Grades 10, 11, 12
0535 **French IIIB** Prerequisite: Successful completion of French IIA, B, C
0536 **French IIIC**

While continuing to learn the structure of the French language and several verb tenses, students will explore cultures, behaviors, and landmarks of a variety of francophone countries, to include history, geography, art, literature, and music. Students will prepare to enter French IV or the College-in-the-Schools Intermediate French course next year. They will continue to deepen their cultural understanding of francophone people, their oral and written communication skills, and gain a higher level of comprehension of the language.



LANGUAGES OF THE WORLD COURSES

-  0537 **German Immersion Through Exchange** Grades 10, 11, 12
Prerequisite: German IA, B, C and German IIA, B, C and instructor permission

Students will host a German high school student for three weeks in the fall. Before, during and after the hosting of the German students, they will attend preparatory or orientation meetings at RHS with the supervising teacher outside of the school day. In Germany, students will spend one week traveling and three weeks living with a German family. During the family stay, students will attend school or related field trips—four class periods per day for 10 school days. Both during the travel and family stay portions, students will maintain a journal and complete tasks appropriate to their activities. This course is an "ungraded" (pass/no credit) elective credit.

-  0538 **German IIIA** Grades 10, 11, 12
0539 **German IIIB** Prerequisite: Successful completion of German IIA, B, C
0540 **German IIIC**

Continued study of advanced German grammar and vocabulary with an emphasis on oral proficiency will be enhanced by a variety of readings. This course follows the same curriculum as the CIS program (including field trips). **A student donation for field trips will be requested.**

-  0570 **Advanced German Literature and Composition III: College in the Schools A** Grades 11, 12
 0571 **Advanced German Literature and Composition III: College in the Schools B** Prerequisite: Successful completion of German II A, B, C and instructor permission
0572 **Advanced German Literature and Composition III: College in the Schools C**

College in the Schools German is a five semester credit college course (German 1003) offered through the University of Minnesota's College in the Schools Program. This course is governed by the rules and expectations of the University of Minnesota. This literature-based course focuses on the advanced development of the four language skill areas: reading, writing, listening and speaking. Students must be registered for the year-long A,B,C sequence in order to earn five semester college credits. **A student donation for field trips will be requested.**


-  0547 **Mandarin Chinese III A** Grades 10, 11, 12
0548 **Mandarin Chinese III B** Prerequisite: Successful completion of Mandarin Chinese II A, B, C
0549 **Mandarin Chinese III C**

Students will strengthen and expand their understanding and production of Mandarin Chinese. While still using the four skills of reading, writing, speaking and listening for communication about events that are meaningful to the student and the world around them, there will be an increased emphasis on using Mandarin to learn about China's geography, culture and literature. Students will be able to comprehend more authentic written and aural texts and begin to use Mandarin in real-world communicative settings.


-  0544 **World Language Independent Study Assistantship A** Grades 10, 11, 12
0545 **World Language Independent Study Assistantship B** Prerequisite: Enrollment based on
0546 **World Language Independent Study Assistantship C** teacher recommendation

This assistantship offers students the unique opportunities to enrich their language experience and explore the field of teaching through the development of a personal course of study, as well as the creation of a specific teaching unit. Students will work closely with a supervising teacher to define their program. In addition, students will gain a knowledge and experience of teaching methodologies and current practices as they assist the teacher in test preparation, administration and assessment, and work with students in a variety of situations. Interested students should talk to a language teacher to make application for this program. Acceptance is based on teacher recommendation. This class is an "ungraded" (pass/no credit) elective credit.

COURSES OFFERED TO STUDENTS IN GRADES 11 and 12



-  0551 **Spanish IVA** Grades 11, 12
0552 **Spanish IVB** Prerequisite: Grade of B or higher in Spanish IIIA, B, C
0553 **Spanish IVC** is highly recommended

Students will study about Spanish-speaking countries throughout the world and learn of Spain's influences in those countries. Major elements of this course will be: exercises and activities designed to increase students' oral proficiency, reading and writing practice, and grammar structures that will involve advanced sentence structures and communicative competency. Daily lifestyles, thought styles, geography, and comparative culture studies with countries of the Hispanic world will be explored through readings in literature, contemporary newspapers and magazines. Students will employ and perfect their skills for communication in listening, speaking, reading and writing the Spanish language.


-  0557 **French IVA** Grades 11, 12
0558 **French IVB** Prerequisite: Successful completion of French IIIA, B, C
0559 **French IVC**

Continued study of advanced French grammar and vocabulary with an emphasis on oral proficiency will be enhanced by an introduction to French literature through short stories and poems. Opportunities for conversations with native French speakers and critical viewings of feature-length French films will be provided. This course follows the same curriculum as the CIS program (including field trips). **Note: A student donation for field trips will be requested.**



LANGUAGES OF THE WORLD COURSES

- | | | |
|--|---|--|
|  | 0560 Intermediate French Literature and Composition IV: College in the Schools A | Grades 11, 12 |
|  | 0561 Intermediate French Literature and Composition IV: College in the Schools B | Prerequisite: Successful completion of French IIIA, B, C and instructor permission |
| | 0562 Intermediate French Literature and Composition IV: College in the Schools C | |


Intermediate College in the Schools French (FREN 1003) is a five semester credit college course offered through the University of Minnesota's College in the Schools Program. This course is governed by the rules and expectations of the University of Minnesota. This literature-based course focuses on the advanced development of the four language skills areas: reading, writing, listening and speaking. Students must be registered for the year-long A,B,C sequence in order to earn five semester college credits. **Note: A student donation for field trips will be requested.**

- | | | | |
|--|------------------------|--|--|
|  | 0563 German IVA | Grades 11, 12 | |
| | 0564 German IVB | Prerequisite: Successful completion of German IIIA, B, C or CIS German III A, B, C | |
| | 0565 German IVC | | |


Continued study of advanced German grammar and vocabulary with an emphasis on oral proficiency will be enhanced by a variety of readings. This course follows the same curriculum as the CIS program (including field trips). **Note: A student donation for field trips will be requested.**

- | | | |
|--|---|--|
|  | 0566 Advanced German Literature and Composition IV: College in the Schools A | Grades 11, 12 |
|  | 0567 Advanced German Literature and Composition IV: College in the Schools B | Prerequisite: Successful completion of CIS German IIIA, B, C and instructor permission |
| | 0568 Advanced German Literature and Composition IV: College in the Schools C | |


College in the Schools German (GER 1004) is a five semester credit college course offered through the University of Minnesota's College in the Schools Program. This course is governed by the rules and expectations of the University of Minnesota. This literature-based course focuses on the advanced development of the four language skill areas: reading, writing, listening and speaking. Students must be registered for the year-long A,B,C sequence in order to earn five semester college credits. **Note: A student donation for field trips will be requested.**

- | | | | |
|--|----------------------------------|--|--|
|  | 0554 Mandarin Chinese IVA | Grades 11, 12 | |
| | 0555 Mandarin Chinese IVB | Prerequisite: Successful completion of Mandarin Chinese IIIA, B, C | |
| | 0556 Mandarin Chinese IVC | | |



Students will continue the expansion of reading, writing, speaking and listening for communication in Chinese. The fourth year of Mandarin Chinese study will focus on more complex grammar and sentence structure through longer and more sophisticated readings and aural texts. Students will encounter topics related to social issues, family life, and aspects of Chinese culture. Formal written-style expressions will also be introduced.

- | | | | |
|--|---|--|--|
|  | 0573 Beginning Modern Chinese IV: College in the Schools A | Grades 11, 12 | |
| | 0574 Beginning Modern Chinese IV: College in the Schools B | Prerequisite: Successful completion of Mandarin Chinese IIIA, B, C with a grade of B or higher and instructor permission | |
| | 0575 Beginning Modern Chinese IV: College in the Schools C | | |

College in the Schools Chinese (CHN 1011) is a six-semester credit college course offered through the University of Minnesota's College in the Schools Program. This course is governed by the rules and expectations of the University of Minnesota. This course focuses on speaking and reading modern Chinese through structured practice and teaches traditional Chinese characters. Students must be registered for the year-long A, B, C sequence in order to earn six semester college credits. **Note: A student donation for field trips will be requested.**

- | | | | |
|--|------------------------|--|--|
|  | 0581 Spanish VA | Grade 11, 12 | |
| | 0582 Spanish VB | Prerequisite: Successful completion of Spanish IVA, B, C | |
| | 0583 Spanish VC | | |

The fifth year of Spanish study focuses on the advanced development of the four modes of language learning: listening, reading, speaking and writing. Students will enhance their language proficiency and critical thinking skills through cultural analysis, self-reflection and active engagement with course content in the target language. This course follows the same curriculum as the CIS program (including field trips). **Note: A student donation for a field trip to the U of M will be requested.**

- | | | |
|--|---|--|
|  | 0584 Advanced Spanish Literature and Composition V: College in the Schools A | Grades 11, 12 |
|  | 0585 Advanced Spanish Literature and Composition V: College in the Schools B | Prerequisite: Successful completion of Spanish IVA, B, C and instructor permission |
| | 0586 Advanced Spanish Literature and Composition V: College in the Schools C | |



College in the Schools Spanish is placed at the fifth year level and offers two 5-credit courses (SPAN 1003/1004) through the University of Minnesota's College in the Schools Program. This course is governed by the rules and expectations of the University of Minnesota. The course focuses on the advanced development of the four modes of language learning: reading, writing, listening and speaking. Students will enhance their language proficiency and critical thinking skills through cultural analysis, self-reflection and active engagement with course content in the target language. **Note: A student donation for a field trip to the U of M will be requested.**

LANGUAGES OF THE WORLD COURSES


COURSES OFFERED TO STUDENTS IN GRADE 12

-  0587 **French VA** Grade 12
 0588 **French VB** Prerequisite: Successful completion of French IV A, B, C
 0589 **French VC**


Continued study of advanced French grammar and vocabulary with an emphasis on oral proficiency will be enhanced by a variety of readings. Opportunities to use French with native speakers and in realistic situations will be provided. This course follows the same curriculum as the CIS program (including field trips).

-  0590 **Advanced French Literature and Composition V: College in the Schools A** Grade 12
 0591 **Advanced French Literature and Composition V: College in the Schools B** Prerequisite: Successful completion of the Intermediate French Literature and Composition A, B, C or French IV A, B, C and instructor permission
 0592 **Advanced French Literature and Composition V: College in the Schools C**

College in the Schools French (FREN 1004) is a five semester credit college course offered through the University of Minnesota's College in the Schools Program. Continued study of advanced French grammar and vocabulary with an emphasis on oral proficiency will be enhanced by a variety of readings. Opportunities to use French with native speakers and in realistic situations will be provided. This course is governed by the rules and expectations of the University of Minnesota. This literature-based course focuses on the advanced development of the four language skill areas: reading, writing, speaking and listening. Students must be registered for the year-long A,B,C sequence in order to earn five semester college credits. **Note: A student donation for field trips will be requested.**

-  0593 **Mandarin Chinese VA** Grade 12
 0594 **Mandarin Chinese VB** Prerequisite: Successful completion of Mandarin Chinese IV A, B, C
 0595 **Mandarin Chinese VC**

Students will continue the expansion of reading, writing, speaking and listening for communication in Chinese. The fifth year of Mandarin Chinese study aims to dramatically enlarge students' vocabulary by delving further into topics related to living in China. Formal written-style expressions will continue to develop with systematic instruction in composition writing.

-  0596 **Modern Chinese V: College in the Schools A** Grades 12
 0597 **Modern Chinese V: College in the Schools B** Prerequisite: Successful completion of Beginning Modern Chinese IV: College in the Schools A, B, C with a grade of C or higher and instructor permission
 0598 **Modern Chinese V: College in the Schools C**


College in the Schools Chinese (CHN 1012) is a six-semester credit college course offered through the University of Minnesota's College in the Schools Program. This course is governed by the rules and expectations of the University of Minnesota. This course focuses on improving upon skills taught in Beginning Modern Chinese IV: College in the Schools, including the use of traditional Chinese characters. Students must be registered for the year-long A, B, C sequence in order to earn six semester college credits. **Note: A student donation for field trips will be requested.**

-  0576 **Spanish VI: AP Literature and Culture A** Grades 12
 0577 **Spanish VI: AP Literature and Culture B** Prerequisite: CIS Spanish V
 0578 **Spanish VI: AP Literature and Culture C**

Working with 38 different works of Hispanic literature (including poems, plays, short stories and novels), students will gain an overview of Hispanic literature from the Middle Ages to present. They will also learn to analyze the literature read, place the literary works in their historical context and stylistic period, identify their authors and relate the works to modern day questions and dilemmas as they prepare for the AP exam at the end of the year.

-  0541 **Spanish as a Heritage Language A** Grades 9, 10, 11, 12
 0542 **Spanish as a Heritage Language B** Prerequisite: Native Spanish Speaker
 0543 **Spanish as a Heritage Language C**

Spanish as a Heritage Language is designed for Native Spanish Speakers who speak Spanish at home, but may need to develop their skills in reading and writing. The course will focus on improving literacy and proficiency with an emphasis on Latin American culture, identity, history, ethnic studies, social justice, and community service. Students will develop skills to prepare them to use Spanish academically in order to be career and college ready. This class will also aid students in preparing for the Bilingual Seals Exam, which awards college credits to bilingual students.

-  0526 **Spanish as a Heritage Language II A** Grades 10, 11, 12
 0527 **Spanish as a Heritage Language II B** Prerequisite: Successful completion of Spanish as a Heritage Language ABC
 0528 **Spanish as a Heritage Language II C**

Spanish as a Heritage Language II will be a continuation of the work that has been done in level 1. Students will pursue the development of their Spanish literacy skills. Additionally, students will continue the exploration of what it means to be a Latinx in the United States during the 21st century. There will be further focus on ethnic studies to wrestle with what different Latinx leaders have done to fight for equality.



Mathematics Courses

We live in a time of extraordinary and accelerating change. New knowledge, tools, and ways of doing and communicating mathematics continue to emerge and evolve. The need to understand and be able to use mathematics in everyday life and in the workplace has never been greater and will continue to increase.

In this changing world, those who understand and can do mathematics will have significantly enhanced opportunities and options for shaping their futures. Colleges and universities are requiring three years and recommending four years of high school mathematics, through Pre-Calculus, along with coursework in computer applications or programming. Vocational and technical schools require a strong math background for many of their programs.

The mathematics curriculum in District 196 addresses the concerns that have been identified in mathematics education. The curriculum provides materials that use current technology, provides real-life applications, integrates with other subjects, and presents material needed by all students in the future. Success in any mathematics course requires a solid background from previous coursework, proper study skills, and a commitment to daily work.

All students are required to earn nine (9) trimester credits. Students must complete courses in Intermediate Algebra, Geometry, and Algebra II. For all students, computer programming credits do not count toward the mathematics graduation requirement. New ninth graders will be enrolled in one of three levels based on input from eighth grade mathematics teacher, previous grades in mathematics, and standardized test scores.

Some students take two mathematics courses concurrently. Students who desire to double up with two mathematics courses in one year should seek faculty advice and will be required to have a faculty member recommend a waiver for the prerequisite.

Mathematics Curriculum

These are the recommended paths for the majority of students. Some students may be enrolling in these courses in other years.

9th Grade

Choose one required class:	<input type="checkbox"/> Intermediate Algebra Concepts <input type="checkbox"/> Intermediate Algebra <input type="checkbox"/> Honors Geometry
Electives available:	Intro to Computers**, or Computer Programming I**, or Computer Programming II** (These computer classes are one trimester courses and do not have to be taken in the same year)

10th Grade

Choose one required class:	<input type="checkbox"/> Geometry Concepts <input type="checkbox"/> Geometry <input type="checkbox"/> Honors Geometry <input type="checkbox"/> Honors Algebra II (may be taken at the same time as Geometry, teacher recommendation only)
Electives available:	Numeracy I0** (taken with Geometry – teacher recommendation only) AP Computer Science Principles** Introduction to Computers**, or Computer Programming I**, or Computer Programming II** (These computer classes are one trimester courses and do not have to be taken in the same year)

** counts as an elective credit towards graduation, not as a math credit.

MATHEMATICS COURSES

☘ 0622 Advanced Placement Computer Science Principles A	Grades: 10, 11, 12
📐 0623 Advanced Placement Computer Science Principles B	Prerequisite: none
0624 Advanced Placement Computer Science Principles C	

In addition to a focus on learning how to program, this year long AP Computer Science Principles course is also designed to help all students widen the scope of computer science through an exploration of the creative aspects as well as understanding the intellectual and everyday contributions that computing offers. The AP Computer Science Principles Assessment in May consists of two parts: a through-course portfolio submission and assessment and an end-of-course AP exam.

While the course is open to all 10-12 grade students who are interested in the growing world of computing including programming and beyond, it may be best taken during 10th grade year to help prepare for AP Computer Science junior year and Advanced Computer Science senior year. **NOTE: This course is a math elective and does not qualify as one of the math credits required for graduation.** **NOTE: This course is not an NCAA core academic class.**

☘ 0646 Advanced Placement Computer Science A	Grades 10, 11, 12
📐 0647 Advanced Placement Computer Science B	Prerequisite: Honors Geometry with grade of "A" or Algebra II
0648 Advanced Placement Computer Science C	

This course is an in-depth study of the Java Programming language which provides a solid foundation for computer-related careers: computer programming, mathematics, engineering, business, and the natural sciences. Emphasis will be on gaining knowledge of computer systems--variables, expressions, input-output, conditionals, loops, object-oriented programming, classes and simple recursion. Major topics will include searching, sorting, data structures, and strings. This course will help prepare students for the AP Computer Science A exam offered each May. **NOTE: This course is a math elective and does not qualify as one of the math credits required for graduation.** **NOTE: This course is not an NCAA core academic class.**

COURSES OFFERED TO STUDENTS IN GRADES 11 AND 12

☘ 0651 Advanced Computer Science A	Grades 11, 12
0652 Advanced Computer Science B	Prerequisite: AP Computer Science
0653 Advanced Computer Science C	

Advanced Computer Science is a course for those students who have successfully completed AP Computer Science or the equivalent and are interested in learning advanced programming concepts. This course reviews concepts learned in AP Computer Science and provides an introduction to the fundamental algorithms and data structures of computer science: sorting, searching, recursion, lists, maps, sets, stacks, queues, trees, and graphs. to the analysis of algorithms. It also provides an introduction to mobile device application development. **Note: This course is a math elective and does not qualify as one of the math credits required for graduation.** **Note: This course is not an NCAA core academic class.** **Students successfully completing Advanced Computer Science A, B, C may be able to earn college credit from a local post-secondary institution. Students should contact the course instructor for more information regarding articulation agreements and participating post-secondary institutions.**

☘ 0654 Numeracy 11A	Grade 11
0655 Numeracy 11B	Prerequisite: Geometry Teacher Recommendation
0656 Numeracy 11C	

Eleventh grade Numeracy II is a course designed to help students improve their math skills and is taken in addition to Algebra II. There will be emphasis on learning a variety of mathematical and algebraic skills to improve self-monitoring and to maximizing the understanding of the math content standards. In addition, there will be emphasis on understanding word problems and effective test taking strategies to aid students on the Math MCA and ACT tests. This is a recommended year-long course. **NOTE: This course is a math elective and does not qualify as one of the math credits required for graduation.** **NOTE: This course is not an NCAA core academic class.**



☘ 0663 Pre-Calculus A	Grades 11, 12
0664 Pre-Calculus B	Prerequisite: Algebra II with grades of B+ or better
0665 Pre-Calculus C	

The Pre-Calculus course continues the study of functions and other pre-calculus topics. A major focus will be on the fundamental concepts of trigonometry and analytic geometry. Graphical, numerical and algebraic modeling of functions will be included and technology will be fully integrated. Continuation in this course sequence is contingent upon receiving a passing grade the previous trimester. The TI-83+ or TI-84 graphing calculator is required.

☘ 0666 Honors Pre-Calculus A	Grades 11, 12
0667 Honors Pre-Calculus B	Prerequisite: Honors Algebra II with grade of "B" or better
0668 Honors Pre-Calculus C	

The Pre-Calculus course continues the study of functions. A major focus will be on the fundamental concepts of trigonometry and analytic geometry. Graphical, numerical and algebraic modeling of functions will be included and technology will be fully integrated. A primary objective will be to foreshadow the important ideas of calculus. Continuation in this course sequence is contingent upon receiving a passing grade the previous trimester. The TI-83+ or TI-84 graphing calculator is required.

MATHEMATICS COURSES

 0669	Advanced Placement Statistics A	Grades 11, 12	
 0670	Advanced Placement Statistics B	Prerequisite:	Honors Algebra II or grade of A in Algebra II
0671	Advanced Placement Statistics C		

This course will provide in depth coverage of the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Topics include Exploring Data (observing patterns and departures from patterns), Planning a Study (deciding what and how to measure), Anticipating Patterns (producing models using probability and simulation) and Statistical Inference (confirming models). The goal of AP Statistics is to prepare students for success on the Advanced Placement Statistics examination. The TI-83+ or TI-84 graphing calculator is required. **Note: There is a \$5 requested donation for covering experimental and simulation costs.**

COURSES OFFERED TO STUDENTS IN GRADE 12

 0675	College Algebra, Probability and Statistics (CAPS) A	Grade 12	
0676	College Algebra, Probability and Statistics (CAPS) B		
0677	College Algebra, Probability and Statistics (CAPS) C	Prerequisite:	Algebra II


College Algebra, Probability, and Statistics (CAPS) have been designed to meet the needs of seniors who have a demonstrated an interest in continuing their mathematics study beyond Algebra II, but are not intending to pursue a post-secondary course of study with a math/science focus. The target group of students include those who demonstrate skills and abilities in mathematics that are greater than those needed for Tech Math but may be problematic for success in Pre-Calculus. Topics will include analyzing data, chance of probability, functions and trigonometry. The TI-83+ or TI-84 graphing calculator is required. **Note: There is a \$5 requested donation for covering experimental and simulation costs.**

 0679	Advanced Placement Calculus AB	A	Grade 12	
 0680	Advanced Placement Calculus AB	B	Prerequisite:	Honors Pre-Calculus or Pre-Calculus
0681	Advanced Placement Calculus AB	C		

In this course, students will study rates of change, along with limits of a function. Formal differentiation and its application to real problems will be included. Students will study integration to find the area under a curve and its application to real problems. Calculus will be presented from a graphical, numerical, and symbolic point of view. The goal is for students to obtain a strong conceptual understanding to accommodate diverse applications. A significant focus will be on preparation for the Advanced Placement exam. Continuation of this course sequence is contingent upon receiving a passing grade the previous trimester. The TI-83+ or TI-84 graphing calculator is required.

 0683	Advanced Placement Calculus BC	A	Grade 12	
 0684	Advanced Placement Calculus BC	B	Prerequisite:	Honors Pre-Calculus with grades of A
0685	Advanced Placement Calculus BC	C		

The BC curriculum will include all topics listed for Calculus AB along with these additional topics: L'Hopital's Rule, Advanced Techniques of Integration, Euler's Method, Analysis Using Calculus of Parametric, Polar, and Vector Functions, Sequences and Series and Taylor Polynomials. Students interested in majors requiring two or more semesters of college Calculus should consider this course. Students should be aware that because of the multitude of topics covered the pacing for BC Calculus is much faster than Calculus AB. Continuing in this course is contingent upon receiving a passing grade the previous semester. The TI-83+ or TI-84 graphing calculator is required.

 0686	Technical Mathematics A	Grade 12	
0687	Technical Mathematics B	Prerequisite:	Passing grade in Algebra II or Algebra II Concepts
0688	Technical Mathematics C		

Technical Mathematics will begin with a review of Algebra and Geometry topics. New concepts of probability, statistics and trigonometry will be introduced. Hands-on laboratory activities, cooperative learning and reading will be components of the course. Technical Mathematics is appropriate for students who experienced difficulty in Algebra II or Geometry. The TI-83+ or TI-84 graphing calculator is required.

MATHEMATICS COURSES

☘	0693 Calculus 3: Multivariable Calculus A	Grade 12	
	0694 Calculus 3: Multivariable Calculus B	Prerequisite:	Math Department recommendation
	0695 Calculus 3: Multivariable Calculus C		

Multivariable Calculus is the study of calculus concepts learned in BC Calculus applied to 2 and 3 dimensions. Topics include vectors in two and three dimensions, analytic geometry of three dimensions, parametric curves, partial derivatives, the gradient, optimization in several variables, multiple integration with change of variables across different coordinate systems, line integrals, and Green's Theorem. This course should only be taken by those that have passed the Advanced Placement BC Calculus exam.

Students successfully completing Multivariable Calculus may be able to earn college credit from a local post-secondary institution. Students should contact the course instructor for more information regarding articulation agreements and participating post-secondary institutions.

☘	0696 Calculus 4: Differential Equations with Linear Algebra A	Grade 12	
	0697 Calculus 4: Differential Equations with Linear Algebra B	Prerequisite:	Math Department recommendation
	0698 Calculus 4: Differential Equations with Linear Algebra C		

This course covers matrix theory and linear algebra, emphasizing topics useful in other disciplines. Linear Algebra is a branch of mathematics that studies systems of linear equations and the properties of matrices. The concepts of linear algebra are extremely useful in physics, economics and social sciences, natural sciences, and engineering. Due to its broad range of applications, linear algebra is one of the most widely taught subjects in college-level mathematics. Differential Equations is about using the derivative to describe how a quantity changes. These equations are then solved and used to predict the future value of the quantity being modeled. There will be three types of techniques for making these predictions. We will use analytical to find formulas, qualitative and numerical techniques to find estimates for the future values of the quantity. This course should only be taken by those that have passed the Advanced Placement BC Calculus exam.

Students successfully completing Linear Algebra/Differential Equations may be able to earn college credit from a local post-secondary institution. Students should contact the course instructor for more information regarding articulation agreements and participating post-secondary institutions.

☘	1805 ACT Prep	Grades 10, 11, 12	
		Prerequisite:	None

Whether you have taken the ACT test before or you are new to the experience, this course will prepare you to do your personal best. The trimester long elective course will navigate students through the ACT testing process and will focus on understanding the format of the test, building strategies for answering more questions correctly and pacing yourself during a timed test. Students build confidence and skills that will boost their scores on the actual test. Students will have access to hundreds of practice questions and an online program that helps them continue preparing even after the course is completed. One assignment for the course will be to take a mock test under actual testing conditions outside the normal school day. Students are encouraged to purchase an ACT Prep workbook to enhance their learning in the class. **Note: The course is a general elective credit and does not qualify as one of the [English, Math, Science, Social Studies] credits required for graduation. Note: This course is not an NCAA core academic class.**



School District 196
MENTOR PROGRAM
Partnerships with Professionals

Beyond the classroom, learning opportunities are boundless.

☘	0251 Mentor Seminar A (Fall)	Grade 11 & 12	Prerequisite: Application and Mentor Program Coordinator approval
	0252 Mentor Seminar B (Winter)	Grades 11 & 12	
	0253 Mentor Seminar C (Spring)	Grade 11	

Length: One Period, One Trimester Fall, Winter, or Spring
 Credits: 1

Mentor Seminar is a college and career prep course which gives you the advantage over your peers needed to prepare for your future. Students will identify personal interests and skills to guide them while exploring college options and researching career opportunities. Students will develop professional skills, including interviewing, networking and interpersonal communication. The opportunity to meet with a professional in your chosen career field brings the real world to the classroom. Students are strongly encouraged to enroll in Mentor Field Experience to complete the Mentor Program; however, students may take Mentor Seminar as a stand-alone course.

☘	0254 Mentor Field Experience A (Fall)	Grade 11 & 12	Prerequisite: Successful completion of Mentor Seminar and Mentor Program Coordinator approval
	0255 Mentor Field Experience B (Winter)	Grades 11 & 12	
	0256 Mentor Field Experience C (Spring)	Grade 11	

Length: Two Periods*, One Trimester Fall, Winter, Spring
 Credits: 2

* See Mentor Coordinator Scott Macho for creative scheduling solutions for the "extra busy" academic student

Mentorship with a career professional is a blueprint for high performance. This course is experience-based. You will go beyond the "traditional" classroom experience into the professional's world and gain exposure to the field of choice. In addition to a weekly class session with instructors and peers, you will be released from school and work with your career professional to learn first hand what your career is all about. You will select and design an individual project under the guidance of your mentor and instructor. This course targets advanced level learners and requires a high level of student independence and responsibility. **Students must provide their own transportation to their mentor site.**

** Students and parents will be an integral part of placing students in field experience.

Students are able to engage in hands-on experiences with a professional in a career field of their choice. Past Mentor experiences include the following **but not limited to:**

- | | | |
|------------------------|----------------------------------|----------------------|
| Orthopedic Surgery | Sports Promotion | Accounting |
| Reconstructive Surgery | Secondary Education | Mechanical Engineer |
| Neo-Natal Nurse | Elementary Education | Physical Therapy |
| Nursing | Early Childhood Education | Pediatrics |
| Occupational Therapy | Law Enforcement | Software Development |
| Broadcast Journalism | Probation Officer | |
| Marketing | Chemical Engineer | |
| Management | Geographical Information Systems | |
| Interior Design | Veterinary Science | |
| Restaurant Management | Youth Ministry | |
| Law | Real Estate | |
| Aeronautical Engineer | Accounting | |
| Orchestral Music | Pharmacy | |
| Social Work | Dietetics | |



Music and Dance Courses


Music and dance are among the oldest known forms of human artistic expression. In a world of rapidly expanding technology and information, we reaffirm our own humanity through the arts. Through creating and performing works of music and dance we express our feelings and emotions, reflecting and reacting to the changing world around us. The Music and Dance Department offers students a broad range of courses designed to help them develop as artistic performers while gaining a life-long appreciation for the arts and an understanding of the important role artistic expression continues to play in our culture.

All courses are offered as elective choices for students. College admission counselors view arts coursework as an indicator of a well-rounded student. Long term success in the band or choir programs often demonstrates the discipline and commitment necessary to succeed in college and in the workforce.

 **NOTE: Successful completion of any course in this department will satisfy the 1 credit "Arts" requirement.**

TRIMESTER ONE BAND COURSES


COURSES OFFERED TO STUDENTS IN GRADES 9, 10, 11 AND 12

 **0701 Concert Band A** Grades 9, 10, 11, 12
Prerequisite: Students must have been enrolled in band the previous trimester. New students may enroll by audition.

The Concert Band will study and perform band music composed in a variety of musical styles and from different musical time periods. The Concert Band will also study and rehearse the fundamentals of Marching Band and Pep Band performances. The course will include periodic private band lessons provided by the instructors. The Concert Band will perform in one concert near the end of the trimester. Attendance at this performance is required.

NOTE: **This is the first of a year-long course.** Students should register for Concert Band B and C at the same time.

COURSES OFFERED TO STUDENTS IN GRADES 10, 11 and 12

 **0727 Marching Band** Grades 10, 11, 12
Prerequisite: Ninth Grade Students may register by audition only. (Auditions will occur in January.) Students must have been enrolled in band the previous trimester. New students by audition.


Welcome to the excitement, pride and fun of the RHS Marching Band! Marching Band is a performance based band that involves 14 performances during a 10-week "performance season" during the first 10 weeks of school (August through October). The Marching Band is committed to excellence in music education, personal development, and musical and visual performance. The Marching Band performs at all home football games and several marching band competitions.

As a member of the Marching Band you are expected to:

- Attend and participate in all weekly July / August practices.
- Attend and participate in all performances in August, September and October.
- Have an awesome, fun and memorable experience with 275 terrific friends in the RHS Marching Band!

A complete rehearsal and performance schedule / calendar is available on the RHS band website: www.rosemountband.com

This class represents the first trimester of a year-long Band curriculum. Students should register for Wind Ensemble, Wind Symphony, Symphonic Band, Varsity Band or Concert Band B and C at the same time.

 **0728 Chamber Winds and Percussion A** Grades 10, 11, 12
Prerequisite: Instructor approval

This course offering is intended for *brass, percussion and woodwind performers* not interested in Marching Band, who wish to have an in-depth instrumental music experience. Students should be capable of performing *medium to advanced level literature*. The ensemble will study and perform literature representing many stylistic and historical periods. Performances will include one concert. NOTE: This class represents the first trimester of a year-long band curriculum. Students should also register for Wind Ensemble, Symphonic Band, Varsity Band or Wind Symphony.

MUSIC AND DANCE COURSES

TRIMESTER TWO AND THREE BAND COURSES

COURSES OFFERED TO STUDENTS IN GRADES 9

- ☘ 0702 **Concert Band B** Grade 9
0703 **Concert Band C** Prerequisite: Concert Band A or Marching Band A

Concert Band will study and perform band music composed in a variety of musical styles and from different musical time periods and cultures. The Concert Band will include all band students primarily in ninth grade. Seating will be based on audition scores. The course will include periodic private band lessons provided by the instructors. The Concert Band will perform at least one public concert each trimester. Attendance at these performances is required. During the Winter Trimester all band students are expected to participate in a minimum of two Pep Band events.

COURSES OFFERED TO STUDENTS IN GRADE 10

- ☘ 0732 **Varsity Band B** Grade 10
0733 **Varsity Band C** Prerequisite: Students must have been enrolled in band the previous trimester. New students by audition.

A wide variety of music literature will be studied and performed in a major concert each trimester. The fundamentals of basic musicianship will be emphasized in each class and expanded upon to more advanced levels of musicianship. All band members are expected to be involved in some form of lesson experience to develop personal music understanding, appreciation, playing techniques and musicianship (lessons are provided by the instructor).

COURSES OFFERED TO STUDENTS IN GRADES 10, 11 AND 12

- ☘ 0770 **Symphonic Band B** Grades 10, 11, 12
0771 **Symphonic Band C** Prerequisite: Audition with band director in January

Symphonic Band will study and perform band music composed in a variety of musical styles and from different musical time periods and cultures. The Symphonic Band will include all sophomore, junior and senior Band students who achieve minimum required audition scores for their instrument. For balanced instrumentation purposes, some freshman band students who rank highest in the audition process will be invited to join this band. Seating will be by audition scores, not by grade level. The course will include weekly private band lessons. The Symphonic Band will perform at least one public concert each trimester. Attendance at these performances is required.

- ☘ 0722 **Wind Symphony B** Grades 10, 11, 12
0723 **Wind Symphony C** Prerequisite: Audition with Band Director in January
Membership in a TI Band

Wind Symphony consists of wind and percussion performers in grades 10-12, based on auditions held in January. A variety of band literature representing many contrasting styles and historical periods will be studied and performed in a major concert at least once each Trimester (concert performances are required attendance). Class emphasis will be on futhering the development of instrumental and ensemble performing skills. Students will participate in a variety of activities to increase individual music skills and understandings: individual lessons (private music lessons are provided by the instructors), listening to recordings and large ensemble performance experiences.

- ☘ 0724 **Wind Ensemble B** Grades 10, 11, 12
0725 **Wind Ensemble C** Prerequisite: Audition with Band Director in January
Membership in a TI Band

The Rosemount High School Wind Ensemble is the "top band" at Rosemount High School, and is devoted to studying and performing a variety of band literature: orchestral transcriptions, basic band repertoire, multi-movement works and 20th century compositions. The RHS Wind Ensemble members have the responsibility of coming to rehearsals with their individual part prepared to the best of their abilities. Rehearsal time is then spent on exploring musical form, expression and ensemble performance.

Membership is based on a rigorous and comprehensive audition held each spring. RHS Band students who achieve the highest audition scores for their instrument, grades 9-12, are eligible for membership in this ensemble. Seating is based on audition scores. The course will include weekly private band lessons provided by the instructors. The Wind Ensemble will perform at least one public concert each trimester in addition to the Conference Band Festival and a clinic/contest.

MUSIC AND DANCE COURSES

MUSIC THEORY, COMPOSITION, AND IMPROVISATION COURSES

COURSE OFFERED TO STUDENTS IN GRADES 10, 11 AND 12

♣ 0726 Music Theory I Grades 10, 11, 12
Prerequisite: Band or Choir membership or Instructor Permission

This fall-trimester course is designed for serious musicians who are interested in expanding their skill, knowledge, and understanding of music fundamentals and basic music theory concepts. The course covers the rudiments of melodic and rhythmic notation, as well as scales, chords, chord progressions, and musical forms. It will also include ear training, basic composition, music listening skills, and an introduction to music analysis techniques. **To be successful in this course, students must already be proficient at reading traditional musical notation in at least one clef.**

♣ 0756 AP Music Theory I Grades 11, 12
0759 AP Music Theory II Prerequisite: Music Theory I or advanced progress in band or choir with Instructor's Permission

The two-trimester (fall and winter) AP Music Theory sequence is designed to meet the requirements that would be found in a first-year college course in integrated music theory and aural comprehension. The first weeks are spent reinforcing the "rudiments" of music theory (pitch and rhythmic notation, meter, scales, key signatures, intervals, triads/seventh chords, and non-chord tones). The remainder of the course covers modified species counterpoint, four-voice harmonization and harmonic function, as well as secondary dominants, modulation and an introduction to 20th-century techniques. Class activities include aural skills practice, sight-singing, lecture, written exercises, listening, analysis, and group study/critique of harmonizations. Following successful completion of the course, students are strongly encouraged to take the Advanced Placement Exam in Music Theory. This course would be valuable to all music students but is especially recommended to students considering a college music major. **NOTE: Music Theory I and AP Music Theory I will be offered during the same class period. Students interested in taking the AP course should register for AP Music Theory. A placement test will be administered to these students to confirm their enrollment in the course.**

♣ 0749 Music Theory II/AP Music Theory Exam Prep* Grades 10, 11, 12
Prerequisite: Music Theory I, AP Music Theory I or advanced progress in band or choir with Instructor's Permission.

This spring-trimester course is designed for serious musicians who are considering a college music major or minor. The course will include a brief review of music analysis techniques, ear training, and music listening skills, but will focus primarily on advanced analysis techniques as applied to musical examples of genres from the medieval era through the present. **Students should have a thorough understanding of basic theory concepts (melodic and rhythmic notation, major and minor scales, key signatures, intervals and chords).** *Note: This course complements, but is not officially part of, the AP Music Theory sequence. Highly recommended for students who plan to take the AP Music Theory exam.

♣ 0766 Jazz Improvisation Grades 10, 11, 12
Prerequisite: Membership in a T1 Band with instructor permission

Jazz Improvisation is the art of spontaneously creating and performing music in a jazz style. In this course, students will gain a basic understanding of jazz improvisation, jazz history and jazz theory. Emphasis will be on listening, aurally imitating and improvising. Students will have performance opportunities during this trimester. The skills students will develop in this class will help them perform in jazz bands and jazz combos later in the school year.

♣ 0767 Music Composition Grades 10, 11, 12
Prerequisite: Participation in band, choir, music theory, or with instructor permission.

Offered during 3rd trimester. This one-trimester course is designed for musicians who are interested in musical composition. Using both traditional and modern compositional techniques, students will learn how to write original content for a variety of instrumental and vocal ensembles. Students will have the opportunity to work with both live musicians and electronic samples to create a recorded portfolio reel by the end of the trimester.

CHOIR COURSES

COURSES OFFERED TO STUDENTS IN GRADE 9

♣ 0706 Cantabile A Grade 9
0707 Cantabile B Prerequisite: Recommendation from middle school choir instructor
0708 Cantabile C

Do you like to sing? Do you like to have fun with your fellow classmates? Do you want to take care of your arts credit AND be a member of an award winning choral program at the same time? Then Cantabile is for you! Cantabile is open to freshmen treble voices. You do NOT need to audition! This amazing class will also help you in your transition from middle school to high school. The choir will participate in concerts, field trips, and festivals throughout the year.

MUSIC AND DANCE COURSES

☘ 0710 Cantemus A	Grade 9	
0711 Cantemus B	Prerequisite:	Recommendation from middle school choir instructor
0712 Cantemus C		

Do you like to sing? Do you like to have fun with your fellow classmates? Do you want to take care of your arts credit AND be a member of an award winning choral program at the same time? Then Cantemus is for you! Cantemus is open to freshmen tenor/bass voices. You do NOT need to audition! This amazing class will also help you in your transition from middle school to high school. The choir will participate in concerts, field trips, and festivals throughout the year.

COURSES OFFERED TO STUDENTS IN GRADE 10, 11 AND 12

☘ 0729 Vivace A	Grades 10, 11, 12	
0730 Vivace B	Prerequisite:	Choral skills assessments are done in January to determine appropriate choir placement
0731 Vivace C		

Vivace is open to tenor/bass singers in grades 10, 11 and 12. This year-long course will emphasize the enjoyment of choral music, exposure to the many styles of choral music, and development of the basic skills necessary for good choral singing. Sight-singing and vocal independence are two of the skills taught. Students will also be given the opportunity to participate in solo and ensemble work for contests. The choir will participate in concerts, festivals and vocal contests throughout the year. **NOTE: Vivace A, B, C is designed as a year-long course. Students should register for all three courses.**

☘ 0734 Bella Voce A	Grades 10, 11, 12	
0735 Bella Voce B	Prerequisite:	Choral skills assessments are done in January to determine appropriate choir placement
0736 Bella Voce C		

Bella Voce is open to treble singers in grades 10, 11, and 12. This year-long course will emphasize the enjoyment of choral music, exposure to the many styles of choral music, and development of the basic skills necessary for good choral singing. Sight singing and vocal independence are two of the skills taught. Students will also be given the opportunity to participate in solo and ensemble work for contests. The choir will participate in concerts, festivals and vocal contests throughout the year.

☘ 0737 Vox Nova A	Grades 10, 11, 12	
0738 Vox Nova B	Prerequisite:	Choral skills assessments are done in January to determine appropriate choir placement
0739 Vox Nova C		

Vox Nova is open to tenor/bass singers in grades 10, 11 and 12. This year-long course will emphasize the enjoyment of choral music, exposure to the many styles of choral music, and development of the basic skills necessary for good choral singing. Sight singing and vocal independence are two of the skills taught. The choir will participate in concerts, festivals and vocal contests throughout the year.

☘ 0740 Bel Canto A	Grades 10, 11, 12	
0741 Bel Canto B	Prerequisite:	Choral skills assessments are done in January to determine appropriate choir placement
0742 Bel Canto C		

Bel Canto is open to treble singers in grades 10, 11 and 12. This course will emphasize the enjoyment of choral singing and exposure to the many styles of choral music. Students will be given the opportunity to participate in solos and ensemble work for contest. The choir will participate in concerts, festivals and contests throughout the year. **NOTE: Bel Canto A, B, C is designed as a year-long course. Students should register for all three courses.**

COURSES OFFERED TO STUDENTS IN GRADES 11 AND 12

☘ 0760 Concert Choir A	Grades 11, 12	
0761 Concert Choir B	Prerequisite:	Choral skills assessments are done in January to determine appropriate choir placement
0762 Concert Choir C		

Concert Choir is a mixed-voice ensemble open to singers in grades 11 and 12. Concert Choir is designed to fulfill the needs of those students who desire a strong background in choral singing. The choir will perform all styles of choral literature from the Renaissance through the Contemporary periods. Emphasis will be placed on solo and ensemble singing. The choir will perform at festivals, contests, concerts, and other school events. **NOTE: Concert Choir A,B,C is designed as a year-long course. Students should register for all three courses.**

MUSIC AND DANCE COURSES

DANCE COURSES

COURSES OFFERED TO STUDENTS IN GRADES 9, 10, 11 AND 12

- ♣ 0716 **Swing and Latin Dance** Grades 9, 10, 11, 12
Prerequisite: None

This one trimester course will focus on many Latin Dances along with the ever popular SWING. No dance experience is necessary. Come join us and learn to cha, cha, cha; tango; waltz and SWING.

- ♣ 0717 **Dance Technique IA** Grades 9, 10, 11, 12
0718 **Dance Technique IB** Prerequisite: None
0719 **Dance Technique IC**

If you love to dance but have never had the opportunity to take a dance class this is the class for you. This course is a beginning level dance class. Students will learn basic technique in many dance styles: jazz, hip-hop, musical theatre, modern, ethnic dance, contemporary, improvisation and choreography. The dance class will participate in field trips and a dance performance. **If you have taken 4 years or more of dance, for correct Dance Technique class placement, please contact the instructor.**

- ♣ 0743 **Dance Technique IIA** Grades 9, 10, 11, 12
0744 **Dance Technique IIB** Prerequisite: Two trimesters of Technique I or
0745 **Dance Technique IIC** Audition with Instructor

This course is an advanced beginning level dance class. Students will focus on improving technical skill and rhythmic accuracy. Students will continue technical training in many dance styles: jazz, hip-hop, musical theatre, modern, ethnic dance, contemporary, improvisation and choreography. The dance class will participate in field trips and a dance performance.

- ♣ 0746 **Dance Technique IIIA** Grades 9, 10, 11, 12
0747 **Dance Technique IIIB** Prerequisite: Two trimesters of Technique II or
0748 **Dance Technique IIIC** Audition with Instructor

This course is an intermediate level dance class. Students will focus on technique, performance quality and creating dances. Students will continue technical training in many dance styles: jazz, hip-hop, musical theatre, modern, ethnic dance, contemporary, improvisation and choreography. The dance class will participate in field trips and a dance performance. This course is taught with a 4-year curriculum rotation and can be taken multiple years.

- ♣ 0752 **Advanced Dance Technique A** Grades 9, 10, 11, 12
0753 **Advanced Dance Technique B** Prerequisite: Audition with Instructor only
0754 **Advanced Dance Technique C**

This course is an advanced level dance class. Students will focus on technique and performance quality, finding their own artistic voice and the craft of dance making. Students will continue technical training in many dance styles: jazz, hip-hop, musical theatre, modern, ethnic dance, contemporary, improvisation and choreography. This course will prepare students for college dance programs, college dance teams, and professional dance opportunities in the Twin Cities. The dance class will participate in a dance performance, field trips and festivals through out the year. This course is taught with a 4-year curriculum rotation and can be taken multiple years.



Physical Education Courses

Physical Education and Health challenges students to strive toward their optimal potential, physically and mentally. Every student is capable of reaching a healthy level of fitness and wellness which fosters positive self worth and assurance. The physical education/health experience promotes opportunities for development of acceptable social interaction, teaching students to respect the diversity, uniqueness and dignity of others. Through active participation in a variety of enjoyable activities, the learner acquires knowledge and skills which provide the foundation for lifelong commitment to physical activity and wellness.

The physical education and health programs provide and maintain quality opportunities for the learner in health-related physical fitness and wellness which are incorporated into each lesson through a variety of activities. Direct fitness learnings and conditioning that apply to the activities will provide the basic knowledge needed to understand and experience fitness. Organized activities and game related activities allow the learners to experience variety and new kinds of enjoyment while achieving the health-related fitness goals.

COURSE REQUIREMENTS FOR PHYSICAL EDUCATION/HEALTH STUDENTS

Students must complete seven trimesters in Physical Education/Health/Safety Education.

- Exercise & Sport Science I (9)
- Exercise & Sport Science II (9)
- Fitness & Activities (9) (*Students may choose to delay this requirement. See the note below for details.*)
- Safety Education (9 or 10) (*See birthday rule*)
- Wellness (10)
- 2 Physical Education Electives (10-12) (*Three electives if Fitness & Activities was not taken in grade 9*)

Course Requirements for Students in Grade 9

- Exercise & Sport Science I
- Exercise & Sport Science II
- Fitness and Activities **AND/OR**
- Safety Education (See note below for details)

Course Requirements for Students in Grade 10

- Wellness
- Safety Education (if this course was not taken in grade 9)

Additional Requirements for Students in Grades 10-12

- Two additional Physical Education elective courses
(three electives if Fitness & Activities was not taken in grade 9)

Note:

- Students born before Sept. 7, 2004, may select course 0807 Safety Education (offered fall trimester)
- Students born on Sept. 8, 2004, through Feb. 7, 2005, may select course 0808 Safety Education (offered winter trimester)
- Students born on Feb. 8, 2005, through May 14, 2005, may select 0809 Safety Education (offered spring trimester)
- Students born after May 15, 2005, must wait until the 2020-2021 school year to take Safety Education.

Note:

- Students selecting Safety Education in grade 9 may choose not to select Fitness & Activities. These students must complete their 9th grade requirement in grades 10-12 by enrolling in a Physical Education course of their choice.

PHYSICAL EDUCATION COURSES

COURSES OFFERED TO STUDENTS IN GRADES 9, 10, 11, AND 12

- ♣ 0801 **Exercise and Sport Science I** Grades 9, 10, 11, 12
0802 **Exercise and Sport Science II** Prerequisite: None

These courses alternate between the health classroom one day and physical education the next day. These courses will emphasize family and social health, nutrition, exercise and fitness, and understanding the functioning of the human body including the skeletal, muscular, nervous, cardio, and respiratory systems. **NOTE: Human sexuality curriculum and HIV/AIDS curriculum are presented in this course. Note: Exercise and Sport Science I must be completed prior to enrollment in Exercise and Sport Science II.**

- ♣ 0803 **Fitness and Activities** Grades 9, 10, 11, 12
Prerequisite: None

This course is an activity course in physical education and includes a variety of individual and team sports with emphasis on teamwork sportsmanship and physical conditioning.

- ♣ 0807 **Safety Education (offered fall 2019)** Grades 9, 10, 11, 12
0808 **Safety Education (offered winter 2019-2020)** Prerequisite: See birthday requirement.
0809 **Safety Education (offered spring 2020)**

This course will cover driver education, accident prevention and modern automobile safety procedures. The final weeks of the course will provide students with community, adult, child, and infant CPR instruction in preparation for the Red Cross CPR certificate. **This course is required for graduation. Students must enroll in a specific course number according to birth dates as follows:**

Students born before Sept. 7, 2004: enroll in course number 0807.

Students born on Sept. 8, 2004, through Feb. 7, 2005: select course number 0808.

Students born on Feb. 8, 2005, through May 14, 2005: select course number 0809.

Students born after May 15, 2005, must wait until the 2020-2021 school year to select Safety Education.

NOTE: Registration adjustments may be made to balance classes.

COURSES OFFERED TO STUDENTS IN GRADES 10, 11, AND 12

- ♣ 0826 **Wellness** Grades 10, 11, 12
Prerequisite: Exercise & Sport Science I and II

Emphasis in this course will be placed on mental health, mental disorders, stress awareness, drug education, social and personal health, and understanding mind and behavior.

- ♣ 0829 **Lifetime Sports** Grades 10, 11, 12
Prerequisite: None

This course will offer skills instruction in disc golf, archery, golf, pickle ball and table tennis. **NOTE: A donation of \$25 will be requested.**

- ♣ 0830 **Racquet Sports** Grades 10, 11, 12
Prerequisite: None

This course will offer skills instruction in physical conditioning, table tennis, speedminton, badminton, tennis, pickle ball and other racquet sports.

- ♣ 0831 **Fall Team Activities** Grades 10, 11, 12
Prerequisite: None

This activities course will emphasize teamwork, sportsmanship and physical conditioning. The following team sports will be included: razzle dazzle football, soccer, Irish frizbee, volleyball and basketball.

- ♣ 0832 **Winter Team Activities** Grades 10, 11, 12
Prerequisite: None

This activities course will emphasize teamwork, sportsmanship and physical conditioning. The following team activities will be included: basketball and volleyball.

- ♣ 0833 **Spring Team Activities** Grades 10, 11, 12
Prerequisite: None

This activities course will emphasize teamwork, sportsmanship and physical conditioning. The following team activities will be included: softball, volleyball and Irish frizbee.

PHYSICAL EDUCATION COURSES

- ☘ 0834 **Beginning Strength Training for Women** Grades 10, 11, 12
Prerequisite: None

This course will use a various skills and instruction for physical conditioning for women. In this course students will use proper stretching techniques, free weights, plyometrics, a variety of weight machines and ways in which to train and condition. Emphasis will be on safety, proper training methods and the concept of overall fitness training.

- ☘ 0835 **Intermediate Strength Training for Women** Grades 10, 11, 12
Prerequisite: Beginning Strength Training or summer program

This course will use a various skills and instruction for physical conditioning for women. In this course students will use proper stretching techniques, free weights, plyometrics, a variety of weight machines and ways in which to train and condition. Emphasis will be on safety, proper training methods and the concept of overall fitness training.

- ☘ 0836 **Advanced Strength Training for Women** Grades 10, 11, 12
Prerequisite: Two previous courses or summer program

This course will use a various skills and instruction for physical conditioning for women. In this course students will use proper stretching techniques, free weights, plyometrics, a variety of weight machines and ways in which to train and condition. Emphasis will be on safety, proper training methods and the concept of overall fitness training.

- ☘ 0837 **First Aid: Prevention and Care of Injuries** Grades 10, 11, 12
Prerequisite: None

This course is designed to train students to help people in emergencies. It teaches the standard first aid skills a person needs to act as the first link in the emergency medical services (EMS) system. Procedures and techniques in the prevention and care of injuries, taping techniques, and the trainer's role in the care of injuries will be emphasized. **NOTE: A donation of \$20 will be requested.**

- ☘ 0838 **Winter Outdoor Recreation** Grades 10, 11, 12
Prerequisite: None

This course will offer instruction in conditioning and the skills related to snow shoeing, downhill and cross country skiing. **NOTE: A field trip project donation of \$25 will be requested.**

- ☘ 0839 **Spring Outdoor Recreation** Grades 10, 11, 12
Prerequisite: None

This course will offer instruction in conditioning and the skills related to disk golf, rock climbing, and canoeing. There is a major emphasis on climbing. **NOTE: A donation of \$20 will be requested.**

- ☘ 0840 **Self Defense** Grades 10, 11, 12
Prerequisite: None

This course is designed to offer students basic instruction in the principles, knowledge and philosophy of basic self defense.

- ☘ 0841 **Gymnastics** Grades 10, 11, 12
Prerequisite: None

This course will offer individualized instruction in fundamental gymnastics for both men and women. The students will choose an area of concentration and progress at their own pace. Areas included will be balance beam, floor exercise, vaulting, uneven parallel bars and tumbling.

- ☘ 0842 **Fit for Life A** Grades 10, 11, 12
Prerequisite: None

This course is for anyone looking to learn and maintain a healthy lifestyle both mentally and physically. It will combine core strengthening with functional every day movements for a lifetime of fitness. This course will also include light cardio training as a way to increase your over-all health. Stress reduction techniques, such as yoga, will also be included.

- ☘ 0843 **Fit for Life B** Grades 10, 11, 12
Prerequisite: None

This course will be a continuation to reach a better level of fitness. It will use additional core strengthening strategies combined with functional every day movements for a lifetime of fitness. This course will also include some cardio training as a way to increase your over-all health. Stress reduction techniques, such as yoga, will also be included.

PHYSICAL EDUCATION COURSES

0845 Volleyball

Grades 10, 11, 12
Prerequisite: None

Volleyball will provide an opportunity for students to understand and apply the skills in Volleyball as played by Olympic teams and local leagues. It will include skills, advanced offensive and defensive plays, strategies and rule knowledge for officiating.

0846 Advanced Volleyball

Grades 10, 11, 12
Prerequisite: Power Volleyball

This course will provide an opportunity for students to understand and apply the advanced skills, techniques, strategies and team play used in volleyball and variations of the game. They will learn and apply officiating and organizational skills in game/match and/or tournament situations.

0847 Fit for Life - Zero Hour*

Grades 10, 11, 12
Prerequisite: None



(*Offered 0 hour 6:30 - 7:20 a.m.)

This course will meet everyday and will be offered Fall and Spring trimester. It will not be offered Winter trimester. This course is for anyone looking to learn and maintain a healthy lifestyle both mentally and physically. It will combine core strengthening with functional every day movements for a lifetime of fitness. This course will also include light cardio training as a way to increase your over-all health. Stress reduction techniques, such as yoga, will also be included.

0848 T1 Beginning Strength Training and Conditioning

Grades 10, 11, 12

0849 T2 Beginning Strength Training and Conditioning

Prerequisite: None

0850 T3 Beginning Strength Training and Conditioning

This course is for students with very little experience with strength training and conditioning. In this course students will be introduced to free weights, proper stretching techniques, and a variety of ways to condition. Emphasis will be on safety, proper lifting techniques, and the concept of total fitness.

0880 T1 S.P.A.R.Q. (SPEED, POWER, AGILITY, REACTION AND QUICKNESS)

Grades 10, 11, 12

0881 T2 S.P.A.R.Q. (SPEED, POWER, AGILITY, REACTION AND QUICKNESS)

Prerequisite: None

0882 T3 S.P.A.R.Q. (SPEED, POWER, AGILITY, REACTION AND QUICKNESS)



(*Offered 0 hour thru the end of Period 1 [6:30-8:20 a.m.], every other day)

The SPARQ class is for students who want to be challenged to take their fitness to the next level. Students will learn about different types of workouts, how to use many different types of equipment and how to work with a variety of people. It's an opportunity for individualized learning for students interested in further developing personal speed, power, agility, and quickness. Full body exercises such as the power clean, squat, snatch and jerk will be implemented into weekly workouts. A variety of equipment and body movements will be used to keep exercises fresh for maximizing physical development.

COURSES OFFERED TO STUDENTS IN GRADES 11 AND 12

0851 T1 Intermediate Strength Training and Conditioning

Grades 11, 12

0852 T2 Intermediate Strength Training and Conditioning

Prerequisite: Beginning Strength Training and Conditioning or Summer Program

0853 T3 Intermediate Strength Training and Conditioning

This course is for students with some experience in strength training and conditioning. In this course students will continue to use free weight training, demonstrate proper stretching techniques, and participate in a variety of conditioning procedures. Student will work on mastering safety, proper lifting techniques, and achieving their fitness goals. **NOTE: Students may not take more than six strength training courses for credit. Students who have had previous strength training courses must count these classes toward this limit.**

0876 T1 Advanced Strength Training and Conditioning

Grades 11, 12

0877 T2 Advanced Strength Training and Conditioning

Prerequisite: Two previous courses in strength training or summer program

0878 T3 Advanced Strength Training and Conditioning

This course is for experienced students in strength training and conditioning. In this course students will demonstrate mastery in free weight training, proper stretching techniques, and participate in a variety of conditioning procedures. Students will analyze their skill and training development to achieve their physical fitness goals based on acquired knowledge and training procedures. **NOTE: Students may not take more than six strength training courses for credit. Students who have had previous strength training courses must count these courses toward this limit.**



Science Courses

There are three (3) levels of science offered beyond the Earth Science/Honors Earth Science sequence, which is required for all 9th graders. **NINE SCIENCE CREDITS ARE REQUIRED FOR GRADUATION.** The charts below will help you determine the level of science that is appropriate for you. **Note: All Rosemount High School science courses request a lab equipment/supplies donation.**

Level I: Courses for the noncollege-bound student who may have difficulty with science.

- Biology Concepts(a full-year course)
- Physical Science(a full-year course)

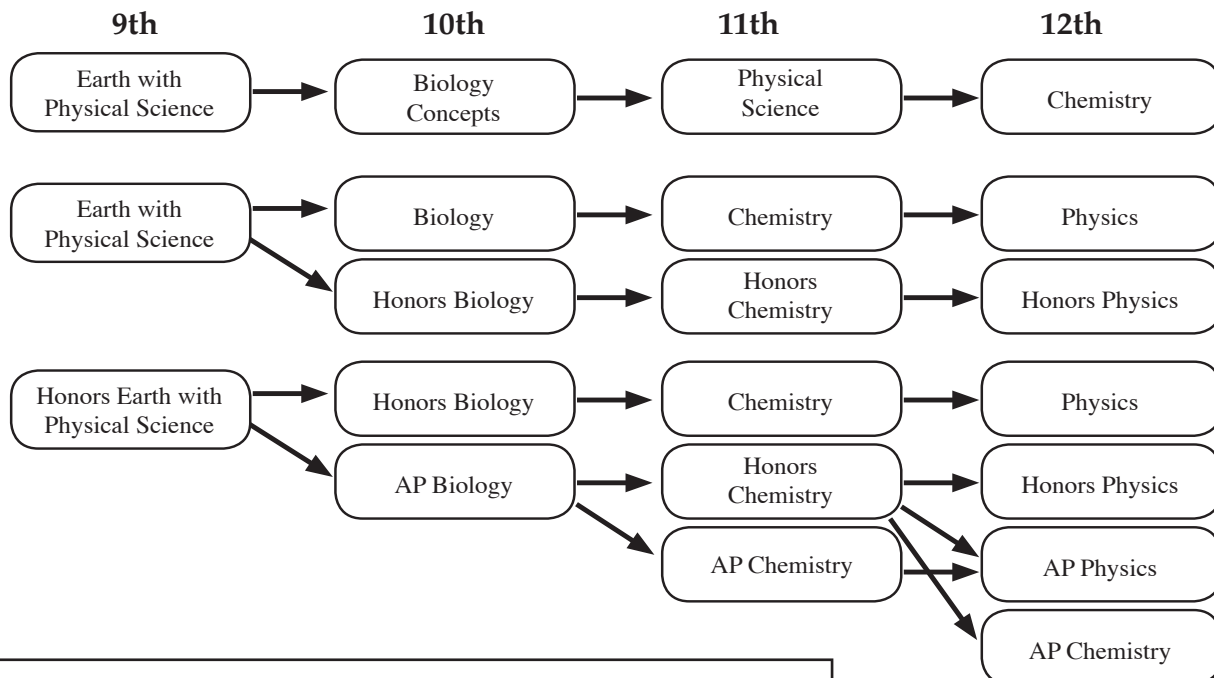
Level II: Courses for those students with a good science background and who are considering college.

- Honors Biology(a full year course)
- Biology.....(a full year course)
- Chemistry.....(a full year course)
- Anatomy and Physiology(a full year course)
- Physics.....(a full year course)

Level III: Courses designed to challenge the outstanding college-bound student.

- Honors Earth with Physical Science(a full-year course)
- Honors Biology(a full-year course)
- Honors Chemistry(a full-year course)
- Honors Physics.....(a full-year course)
- Advanced Placement Biology(a full-year course)
- Advanced Placement Chemistry(a full-year course)
- Advanced Placement Physics(a full-year course)
- Independent Study(a one trimester course only)
- CIS: Anatomy and Physiology(a full-year course)

The following flow charts are the recommended paths for the majority of students.



Elective Courses: Anatomy and Physiology; Forensics and the Science of Crime; Earth and Space Systems; and Biology of Minnesota can be taken concurrently with any Biology, Chemistry, or Physics course.

SCIENCE COURSES

COURSES OFFERED TO STUDENTS IN GRADES 9, 10 AND 11

☘ 0901 Earth with Physical Science A	Grades 9, 10, 11
0902 Earth with Physical Science B	Prerequisite: None
0903 Earth with Physical Science C	

This course is a laboratory approach to Earth Science including Physical Science and the Nature of Science and Engineering. Units of study will include: The Nature of Science and Engineering, Earth's Systems and Cycles, Vermillion River Field Study, Earth's Matter, Earth's Energy, Plate Tectonics, Earth History, Astronomy and Climate. Emphasis will be placed on using the scientific method and the engineering design process. **Note: This year-long course is a graduation requirement.**

☘ 0904 Honors Earth with Physical Science A	Grade 9 only
0905 Honors Earth with Physical Science B	Prerequisite: Department recommendation
0906 Honors Earth with Physical Science C	

This course is a laboratory approach to Earth Science including Physical Science and the Nature of Science and Engineering. Units of study will include: The Nature of Science and Engineering, Earth's Systems and Cycles, Vermillion River Field Study, Earth's Matter, Earth's Energy, Plate Tectonics, Earth History, Astronomy and Climate. Human's impact on Earth's systems is examined in several units throughout the year. Emphasis will be placed on using the scientific method and the engineering design process and communicating the results through formal laboratory write-ups.

As an honors class, students will be required to work independently and in cooperative groups, to complete a significant amount of research, along with studying and reviewing the concepts covered. Most assessments include data analysis and constructed response questions that will help to prepare the student for more advanced science classes and college placements tests such as the ACT and SAT. **Note: This year-long course is a graduation requirement.**

COURSES OFFERED TO STUDENTS IN GRADES 10, 11 AND 12

☘ 0913 Dinosaur Paleontology and Field Methods	Grades 11, 12
	Prerequisite: None

Did dinosaurs really have feathers? How do we know what colors dinosaurs were? What is the biggest/smallest dinosaur? In this course students will learn about the history of dinosaur evolution, how paleontologists study and interpret dinosaur fossils, and what it takes to dig up dinosaur bones. This course gives students the unique opportunity to learn from some of the most influential paleontologists working in the field today through a variety of in-class activities and guest speakers. Students will complete hands-on field science data collection methods which are essential for any student interested in studying science in nature. Along with learning the content students will practice critical thinking, data analysis/interpretation, collaboration and research skills.

With the completion of this course, students are eligible for an **optional** field experience in Wyoming. Students learn how to locate dinosaur bones, excavate in an active Dinosaur dig site, remove bones for further research and prepare them for placement in a museum. This experience will take place in mid-July and would be an added expense to the student. The completion of the field experience could earn students college science elective credits. To learn more about this experience please contact an Earth Science teacher. **NOTE: This course is a science elective and does not qualify as one of the science credits required for graduation.**
NOTE: This course is not an NCAA core academic class.

☘ 0926 Biology A	Grades 10, 11, 12
0927 Biology B	Prerequisite: None
0928 Biology C	

The study of life is the focus of this three trimester course. Students in Biology will use the scientific method and experimentation to explore the many topics that comprise the study of life. Topics studies include: chemistry of life, cells, DNA, genetics, natural selection, ecology, human system and biotechnology. The curriculum is based on the MN state standards and every student enrolled in the course will take the MCA III state science test in May. Continuation in this course is contingent upon receiving a passing grade the previous trimester.

☘ 0929 Honors Biology A	Grades 10, 11, 12
0930 Honors Biology B	Prerequisite: None
0931 Honors Biology C	

This three trimester honors course will provide a challenge to students as they start to explore the many science opportunities at RHS. Honors Biology will seek to enhance the students' appreciation of science and engineering as we explore life. Topics studied include: chemistry of life, cells, cellular energy, mitosis and the cell cycle, DNA, protein synthesis, meiosis and Mendel, genetics, biotechnology, evolution, ecology, human systems and the diversity of life. The curriculum is based on the MN state standards and every student enrolled in the course will take the MCA III state science test in May. Continuation in the course sequence is contingent upon receiving a passing grade the previous trimester.

SCIENCE COURSES

- ☘ 0935 **Biology Concepts A** Grades 10, 11, 12
0936 **Biology Concepts B** Prerequisite: Instructor recommendation
0937 **Biology Concepts C**

This course is designed to develop a basic understanding of biological systems and the scientific method. Skills that will be reinforced include experimental procedure, laboratory safety, data collection and problem solving. Topics that will be addressed include the scientific method, structure and function of living things, cell theory, genetics, and ecology. Students are expected to take an active part in class discussions and be able to safely follow laboratory procedures. **NOTE: This class is limited to students who require assistance with reading, math, or concept mastery skills. NOTE: This course is not an NCAA core academic class.**

- ☘ AP 0940 **Advanced Placement College Biology A** Grades 10, 11, 12
0942 **Advanced Placement College Biology B** Prerequisite: Honors Earth Science and instructor recommendation
0944 **Advanced Placement College Biology C** for any 10th grade students seeking enrollment.

Advanced Placement College Biology is designed for students who intend to pursue a science or science related career. Topics covered throughout the year include biochemistry, cell structure and function, cellular energy, genetics, protein synthesis, ecology, plant structure and function, classification, and animal structure and function. Laboratory experiences will enhance the learning process throughout the year. The rigor of the course is comparable to a college level general biology course. This course will help prepare students for the optional advanced placement exam for college credit. Continuation in the course sequence is contingent upon receiving a passing grade the previous trimester. **This course asks for a \$30 optional lab donation.**

- ☘ 0945 **Biology of Minnesota A** Grades 10, 11, 12
0946 **Biology of Minnesota B** Prerequisite: Earth Science
0947 **Biology of Minnesota C**

Do you enjoy spending time in the outdoors? Are you interested in learning more about your states environment and the plants and animals that make Minnesota their home? Are you concerned about conservation and other environmental issues that affect our state? Biology of Minnesota is a course that offers students with these interests an opportunity to better understand Minnesota's natural history through a variety of classroom activities, hands-on field experiences, field trips and guest speakers. Biology of Minnesota will examine how Minnesota's climate and soils shape the 4 ecosystems of our state, the identification of Minnesota's native plants and animals, and the unique adaptations and roles these organisms possess to be successful in our ecosystems. The course will also give students an opportunity to investigate many of the conservation and environmental issues that impact them as residents of Minnesota **NOTE: Each of the Biology of Minnesota courses can be taken independently. NOTE: This course is a science elective and does not qualify as one of the science credits required for graduation. NOTE: This course is not an NCAA core academic class.**

COURSES OFFERED TO STUDENTS IN GRADES 11 and 12

- ☘ 0948 **Forensics and the Science of Crime** Grades 11, 12
Prerequisite: Successful completion of Honors Biology or Biology and instructor's permission

This course provides an overview of the most commonly used scientific methods in crime scene investigation. We will complete labs using instrumentation and techniques used by forensic scientists in evidence collection and crime investigation. Students will review modern DNA analysis, fiber analysis, ballistics analysis, print impressions, bone and dental analysis and many more forensic methods for gathering and interpreting physical evidence. This course provides an overview of the forensic science careers from the crime scene investigator to the medical examiner. We will work with most commonly used laboratory methods, instrumentation, and strategies used during the investigation of human remains and of death scenes. Included are descriptions of the unique functions of the scientists found within the contemporary criminal justice system. This is a one trimester course. **NOTE: This course is a Science elective and does not qualify as one of the Science credits required for graduation. NOTE: This course is not an NCAA core academic class.**

- ☘ 0951 **Physical Science A** Grades 11, 12
0953 **Physical Science B** Prerequisite: None
0955 **Physical Science C**

This three-trimester course is designed for the student wishing to explore both chemistry and physics. This is a laboratory-oriented course with emphasis on the physical sciences of chemistry and physics. Students will explore topics as measurements, force and motion, work and energy, waves, properties of matter, elements, the periodic table, compounds and bonding. **NOTE: This class limited to students who require assistance with reading, math, or concept skills.**

SCIENCE COURSES

- ☘ 0956 **Chemistry A** Grades 11, 12
0957 **Chemistry B** Prerequisite: Biology or Honors Biology or
0958 **Chemistry C** Advanced Placement Biology

Chemistry is designed for students who are interested in science or are planning to attend college. Chemistry A will focus on the basics of chemistry needed for further study of the subject: matter and its changes, atomic structure, writing formulas and naming chemicals, problem-solving, and mathematical manipulations of chemical quantities. Chemistry B will use the material learned in Chemistry A to continue the study of matter and its changes, with major concentration on bonding, composition, chemical reactions reactions, equations, and gas laws. Chemistry C continues to build on the previously-taken chemistry classes by focusing on topics such as solutions, suspensions, ionizations, gas laws and acid-base chemistry. Organic chemistry, nuclear chemistry and thermodynamic chemistry may also be introduced. Basic Algebra skills are needed. Continuation in the course sequence is contingent upon receiving a passing grade the previous trimester or instructor approval.

- ☘ 0959 **Physics A** Grades 11, 12
0960 **Physics B** Prerequisite: Two years of Algebra and Chemistry
0961 **Physics C**

Physics is the study of energy and its transformations and is designed for students who are interested in science, have a strong math background, or planning to attend college. The areas of study for Physics A are an introduction to mathematical concepts, motion, and Newton's Laws of Motion. Physics B topics include mechanical energy, momentum, and rotational motion. Physics C topics include fluids, vibrations and waves, sound, heat, and an introduction to electricity. Lights, optics, nuclear physics and magnetism may also be introduced. Emphasis is placed on laboratory work and applying the principles of physics to common situations. Necessary math skills include geometry, trigonometry, algebra, manipulation of variables, conversions and problem solving. **NOTE: This course has an optional field trip to an amusement park (Valleyfair MN). The purpose of the field trip is to show the application of physics in the world around us.**

- ☘ 0962 **Anatomy and Physiology A** Grades 11, 12
0963 **Anatomy and Physiology B** Prerequisite: Biology or Chemistry or Instructor permission
0964 **Anatomy and Physiology C**

Anatomy and Physiology provides an in-depth understanding of the basic processes of the human body. The course is laboratory oriented, comparable to Honors Biology in difficulty. Anatomy and Physiology A includes basic medical terminology, biochemistry, histology, skeletal and muscular systems. Anatomy and Physiology B includes the study of the respiratory and circulatory systems, as well as a review of related career fields. Anatomy and Physiology C places emphasis on nutrition, digestive system and the nervous system. It is recommended, but not required, that students register for all three of these non-sequential courses. **NOTE: This course is a science elective and does not qualify as one of the science credits required for graduation.**

- ☘ 0971 **CIS: Anatomy and Physiology A** Grade 11, 12
☘ 0972 **CIS: Anatomy and Physiology B** Prerequisite: Biology or Chemistry or
0973 **CIS: Anatomy and Physiology C** Instructor Approval

“College in the Schools (CIS) Anatomy and Physiology (BIOL 1015: Human Physiology, Technology, and Medical Devices)” is a full year course (4 credits) that offers an excellent introduction to human anatomy and physiology and the rigors of college coursework. It provides the students with an opportunity to determine if they wish to pursue a major in the health science field. The CIS program is a concurrent enrollment program, with the University of Minnesota, that results in four, non-major, lab science credits should you earn a passing grade. (Notice -The credit that you earn is not a substitute for a more advanced anatomy and physiology course at any college or university.)

The students who enroll in this class must be highly self-motivated and disciplined. This course is recommended for students who earned at least a B in previous science classes. The focus of the course is to learn about the structure and function of the human body at all levels of organization.



This class emphasizes individual learning outside of the classroom and collaborative learning inside of the classroom. The topics to be covered include medical terminology, histology, and the systems of the body. To enhance our understanding of these systems we will spend a significant amount of time in lab. Time spent in lab will include microscope work, investigations into physiology, and dissections. **This course asks for a \$30 optional lab donation.**

- ☘ 0965 **Honors Chemistry A** Grades 11, 12
0966 **Honors Chemistry B** Prerequisite: Honors Biology or Advanced Place-
0967 **Honors Chemistry C** ment Biology and Department Recommendation


This honors course provides the basic content required for high school level chemistry at an accelerated pace. It is designed to give a mathematical and hands-on approach to the required content that is aligned to Minnesota State Standards. Students who enroll in this course should be independent thinkers and learners. Honors Chemistry “A” will focus on the basics of chemistry needed for further study of the subject: lab safety, physical & chemical changes, scientific measurement, atomic structure, light & energy, mathematical problem solving and manipulations, dimensional analysis, introduction to bonding, and naming/ writing chemical formulas. Honors Chemistry “B” will continue the sequence with more advanced bonding topics, chemical reactions, the mole, stoichiometry, and gas laws. Honors Chemistry “C” will allow for more independent problem solving incorporating previously discussed chemistry material, while continuing with the sequence including: mixtures & solution chemistry, thermodynamics, reaction rates, equilibrium and acid-base chemistry. Organic chemistry, nuclear chemistry, electrochemistry and oxidation/ reduction reactions may also be introduced. Basic algebra skills are needed. Inquiry-based lab activities will be presented each week for analysis and discussion, which will allow students to construct their own meaning of higher-level concepts as presented in the text. Continuation in the course sequence is contingent upon receiving a passing grade the previous trimester or instructor approval.

SCIENCE COURSES



COURSES OFFERED TO STUDENTS IN GRADE 12

 0977 Advanced Placement Physics A	Grade 12	
 0978 Advanced Placement Physics B	Prerequisite:	Honors Chemistry and Honors Pre Calculus
0979 Advanced Placement Physics C		

AP Physics 1 is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. At the conclusion of the sequence of classes, students will have the option of taking the AP Physics 1 exam for college credit. **NOTE: There is an optional end of the year field trip to Valleyfair. The purpose of the field trip is to show application of physics in the world around us.**

 0983 Honors Physics A	Grade 12	
0984 Honors Physics B	Prerequisite:	Chemistry or Honors Chemistry and Pre-Calculus or Calculus taken concurrently recommended and passing grades in the previous Physics class.
0985 Honors Physics C		Department recommendation

Honors Physics is intended for students with a strong math background who desire a more thorough, fast-paced introduction to physics. A large emphasis is on problem solving and theoretical problems. Topics for the first trimester are Newton mechanics, linear and rotational motion, force, work, momentum, and equilibrium. Topics for the second trimester are fluids, waves, temperature, thermodynamics, and an introduction to electricity. Topics for the third trimester are magnetism, light, optics, nuclear and modern physics, and relativity. Continuation in the course sequence is contingent upon receiving a passing grade the previous trimester or instructor approval. This course will have a spring field trip to an amusement park. **NOTE: This course has an optional field trip to an amusement park (Valleyfair MN). The purpose of the field trip is to show the application of physics in the world around us.**

 0986 Advanced Placement Chemistry A	Grade 12	
 0987 Advanced Placement Chemistry B	Prerequisite:	Honors Chemistry and department recommendation
0988 Advanced Placement Chemistry C		

This course is designed to be the equivalent of a general chemistry course taken during the first year of college and should be taken as a second year chemistry course at the high school. Students attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. Lab work is also emphasized. Performance on this exam may make the student eligible for waiver of college course work. Students investigate the structure of matter and chemical reactions in detail: acid-base, precipitation, and oxidation-reduction. They also study electrochemistry, equilibrium, kinetics, and thermodynamics. During AP Chemistry students will study reactions, study organic chemistry and prepare for AP exams. Upon completion, students may elect to take the Advanced Placement Test administered by the College Entrance Examination Board.

 0999 Independent Study: Science	Grade 12	
	Prerequisite:	Instructor Approval

This course is designed for students who have taken all the available courses in a particular area of science and want to study the area in greater depth. Students will work on self-designed projects under the supervision of a Science Department teacher. Students wishing to enroll in this course should get a project proposal form from a Science Department teacher, complete the form, and get the approval of the teacher before registering. **NOTE: This course is not an NCAA core academic class.**

 1805 ACT Prep	Grades 10, 11, 12	
	Prerequisite:	None

Whether you have taken the ACT test before or you are new to the experience, this course will prepare you to do your personal best. The trimester long elective course will navigate students through the ACT testing process and will focus on understanding the format of the test, building strategies for answering more questions correctly and pacing yourself during a timed test. Students build confidence and skills that will boost their scores on the actual test. Students will have access to hundreds of practice questions and an online program that helps them continue preparing even after the course is completed. One assignment for the course will be to take a mock test under actual testing conditions outside the normal school day. Students are encouraged to purchase an ACT Prep workbook to enhance their learning in the class. **Note: The course is a general elective credit and does not qualify as one of the [English, Math, Science, Social Studies] credits required for graduation. Note: This course is not an NCAA core academic class.**

SOCIAL STUDIES COURSES

COURSES OFFERED TO STUDENTS IN GRADES 10, 11, AND 12

UNITED STATES HISTORY COURSES

- ☘ 1026 **United States History A** Grades 10, 11, 12
- 1027 **United States History B** Prerequisite: None
- 1028 **United States History C**

This required series of United States History courses examines our country's history from 1600 to the present. Writing will be a requirement for all students. **To fulfill graduation requirements, each student must take the United States History A, B, and C year-long course sequence.**

- ☘ 1021 **Advanced Placement United States History A** Grade 10
- AP 1022 **Advanced Placement United States History B** Prerequisite: Teacher Guidance Recommended
- 1023 **Advanced Placement United States History C**

Advanced Placement United States History offers a rigorous, hands-on approach to the study of United States history. This year-long AP course will prepare students to take the Advanced Placement American History exam in May, while developing skills in critical reading, writing and thinking. Students will explore the historical perspectives of American culture from colonization to the present, through a variety of reading, writing, speaking and creative experiences. Students should possess a strong interest in history and be willing to be academically challenged and take the AP United States history exam in the spring. **NOTE: This is a year-long course. Students should register for all three courses A, B, and C. Continuation in this course is contingent upon receiving a passing grade the previous trimester.**

COURSES OFFERED TO STUDENTS IN GRADES 11 AND 12

WORLD STUDIES COURSES

- ☘ 1051 **World History A** Grades 11, 12
- 1052 **World History B** Prerequisite: None
- 1053 **World History C**

This required series of World History courses covers a historical chronological overview of the history of the world from ancient to modern times. To fulfill graduation requirements, each student must take World History ABC in a year long sequence.

- ☘ 1055 **Religion in Human Culture** Grades 11, 12
- Prerequisite: None

This course examines in an objective manner various functions of religion, religious stereotypes, symbols, religious diversity, and the role of religion in current issues. The primary objective is not to advocate nor convert students to religion, but rather to increase their awareness, knowledge, and respect for other religious traditions.

- ☘ 1057 **Humanities: Human Culture Through Sports** Grades 11, 12
- Prerequisite: None

Do you have a passion for sports? Do you like to debate who the greatest athlete is? If so this is the class for you! This is an elective class that will examine the development of sports throughout time. The course's historical study will focus on helping students gain a better understanding of the intricate relationship between sports and social, economic, cultural and political forces. There is a very large online component to this course. This allows our students the freedom to learn at their own pace and choose the curriculum that fits their passions and strengths! Over 12 weeks we will unlock the mystery "hold" sport has on the American public through analysis and discussions. Put your helmet on, it's game time!

- ☘ 1058 **Humanities: Human Culture Through Music** Grades 11, 12
- Prerequisite: None

If you like music this is the class for you! Offered during the spring trimester this online based course will take you through the history of modern music and allow you to pick the topics as you go. Much of the focus is on the context of the political, historical, demographic, cultural and technological forces at work in the modern and post-modern world. The course will further look at how cultural changes have influenced contemporary music. Wondering just how big of an impact Jay-Z has had on music? Curious why Taylor Swift has such a great business model? You will learn all these answers and more.

- ☘ 1059 **Advanced Placement European History A** Grades 11, 12
- AP 1060 **Advanced Placement European History B** Prerequisite: Teacher Guidance Recommended
- 1061 **Advanced Placement European History C**


Advanced Placement European History offers a hands-on approach to the study of the European world from the Middle Ages to modern day. Students will come away from this course with improved writing skills and the ability to critically analyze historical content and modern events. This skill development will position students for success on the national AP exam and prepare them for the rigors of post-secondary education and work experiences. Students can look forward to creative in class activities, debates, and simulations. This course fulfills the 11th grade history requirement.

SOCIAL STUDIES COURSES


 1062 Advanced Placement World History: Modern A	Grades 11, 12	
 1063 Advanced Placement World History: Modern B	Prerequisite:	Teacher Guidance Recommended
1064 Advanced Placement World History: Modern C		

Knowing about your world is vital in understanding the people of the past and present. Advanced Placement World History offers an approach that lets students “do history” by guiding them through the steps a historian would take in analyzing historical events and evidence. Students will engage in field trips, artifact examination, debates, Socratic seminars and simulations. This course offers a global view of history from 1200 to the present that covers civilizations of the Americas, Europe, Asia, Africa, and Oceania. AP World History will fulfill the 11th grade history requirement and will help students succeed on the Advanced Placement exam.

COURSES OFFERED TO STUDENTS IN GRADE 12 - SOCIAL SCIENCE COURSES

 1076 World Politics	Grade 12	
	Prerequisite:	None

The class requires you to examine and compare the major issues, conflicts, and challenges facing today's global political environment. The course will focus on the following main topics: (1) causes and consequences of globalization, (2) various theories of world politics, (3) cooperation and conflict in global institutions, (4) development of foreign aid and trade, (5) the politics of human rights and the environment, (6) the politics of arms races, (7) the politics of our world economy. All of these topics will be discussed and examined through the lens of each individual's political views, experiences and behaviors.

 1077ZR Principles of Economics- Zero Hour*	Grade 12	
	Prerequisite:	None



(*Offered 0 hour 6:30 - 7:20 a.m., Winter Trimester only)

Principles of Economics serves as an introduction to micro and macro economic concepts. The course provides students with the skills to think in an economic way. Everyday choices are examined through the topics of scarcity, marginal cost and benefit, value and opportunity costs. The focus after the midterm exam turns to the study of national income determination within a global economy. Topics include: business cycles, inflation, unemployment, money supply, balance of payments, currency markets, and the role of fiscal and monetary policies.

 1077 Principles of Economics	Grade 12	
	Prerequisite:	None

Principles of Economics serves as an introduction to micro and macro economic concepts. The course provides students with the skills to think in an economic way. Everyday choices are examined through the topics of scarcity, marginal cost and benefit, value and opportunity costs. The focus after the midterm exam turns to the study of national income determination within a global economy. Topics include: business cycles, inflation, unemployment, money supply, balance of payments, currency markets, and the role of fiscal and monetary policies.

 1079 Sociology	Grade 12	
	Prerequisite:	None

Sociology is the study of human social relationships, analyzing how membership in groups influences people and how they see the world. The course will introduce topics such as cultural diversity and conformity, adolescents and social media, social control and deviance, racial and ethnic relations, the family, education and religion, sports and mass media, and collective behavior and social change. Unique to the course, students, through the use of technology, will have the freedom to choose specific topics of interest to them for study. Individualized assignments, projects, and assessments will be implemented.

 1080 Psychology A	Grade 12	
	Prerequisite:	None

This course will focus on various aspects of human development, beginning with infancy and childhood, progressing through the adolescent years, and moving through adulthood and aging. Special attention will be given to the psychological processes of typical human development as we all move through these stages. The course will also include content that analyzes altered states of consciousness, including sleep and dreams, hypnosis, and drug use. Altered states of consciousness will be addressed from both a biological and psychological perspective.

 1081 Psychology B	Grade 12	
	Prerequisite:	None

Cognitive psychology is the scientific study of mind and mental function. The modern study of cognition rests on the premise that the brain can be understood as a complex computing system. Specific topics of study will be sensation and perception, learning, memory and thought, thinking and language, and motivation and emotion. As a point of emphasis, these topics will be related to our ability to understand why we make the decisions we do in our daily lives.

SOCIAL STUDIES COURSES

1082 Psychology C

Grade 12
Prerequisite: None

Abnormal psychology is a division of psychology that studies people who are abnormal, or atypical when compared to other members of a society. The course will begin with analysis of the methods and guidelines used to diagnose a disorder. We will also study common theories of personality. Ultimately, the topic of study will turn to specific psychological disorders, ranging from those that are relatively common, such as anxiety disorders, to those that are quite rare, such as paranoid schizophrenia, or certain phobias. Additional focus will be on the wide range of treatment options available to patients today.

1083 Advanced Placement Government and Politics A 1084 Advanced Placement Government and Politics B

Grade 12
Prerequisite: None

This two trimester Advanced Placement course in government includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs and ideas that constitute U.S. government and politics.

1085 Developmental Psychology A 1086 Developmental Psychology B 1087 Developmental Psychology C

Grade 12
Prerequisite: Application Process

This unique class will involve a very high level of commitment and responsibility, and will offer a wide variety of benefits. It is offered in a two period format and is worth two credits. The course will concentrate on the following areas. (1) This class will teach the district's drug education curriculum to small groups of 6th grade students for the entire year. Students will plan lessons, teach and evaluate themselves, their students and each other. This teacher mentorship provides keen insight into the workings and dynamics of education. (2) The process of group growth will be explored. Working within the group process so as to create an atmosphere of trust and commitment, students will grow in knowledge about themselves and others. **NOTE: This is a year-long course. Students should register for all three courses.** Senior students enrolled in Developmental Psychology must also enroll in Principles of Economics to fulfill the 12th grade Social Studies requirement. Students successfully completing this course may have the opportunity to earn Articulated College Credit from a post-secondary institution. Please contact the course instructor for more information regarding articulation agreements and participating colleges and universities.

1088 Advanced Placement Psychology A 1089 Advanced Placement Psychology B 1090 Advanced Placement Psychology C

Grade 12
Prerequisite: None

The purpose of the full year Advanced Placement course in psychology is to introduce students to the systematic and scientific study of behavior and mental processes of human beings and animals. Students are exposed to the psychological facts, principles, and phenomena associated with the major subfields within psychology. They also learn about the methods psychologists use in their science and practice. (Taken from the Advanced Placement Course Description in Psychology by the College Board.)

1093 Advanced Placement Micro Economics A 1094 Advanced Placement Macro Economics B 1095 Advanced Placement Macro & Micro Economics C

Grade 12
Prerequisite: None

This full year Advanced Placement course in economics gives high-ability students the opportunity to earn college credit in economics while still in high school. Students can earn credit for two separate college courses as they are prepared for two separate AP exams through this one course. More importantly, the contents develop critical thinking skills through the understanding, application and analysis of fundamental economic concepts. Students will learn to apply quantitative and mathematical skills to the discipline of economics, test economic propositions empirically, improve their decision-making skills and apply economic logic to a wide variety of real world and hypothetical situations. All students will be expected to take the AP Examinations in both Microeconomics and Macroeconomics. The course will be divided into three parts split along trimester lines: the first devoted to the study of Microeconomics; the second trimester to Macroeconomics; and the third to the application of formulas, theories and concepts to real world situations with an emphasis on current domestic and international economic issues.

1805 ACT Prep

Grades 10, 11, 12
Prerequisite: None

Whether you have taken the ACT test before or you are new to the experience, this course will prepare you to do your personal best. The trimester long elective course will navigate students through the ACT testing process and will focus on understanding the format of the test, building strategies for answering more questions correctly and pacing yourself during a timed test. Students build confidence and skills that will boost their scores on the actual test. Students will have access to hundreds of practice questions and an online program that helps them continue preparing even after the course is completed. One assignment for the course will be to take a mock test under actual testing conditions outside the normal school day. Students are encouraged to purchase an ACT Prep workbook to enhance their learning in the class. **Note: The course is a general elective credit and does not qualify as one of the [English, Math, Science, Social Studies] credits required for graduation. Note: This course is not an NCAA core academic class.**



Technical and Multimedia Education Courses

SKILLS FOR LIFE
Recommended for All Students

1100 Problem Solving Home Repair
Essential skills in home repair, construction, maintenance, & systems

CONSTRUCTION
MN Career Field

1101 Intro to Woods
1140 Cabinetmaking
1141 Sports Equipment

STEM
MN Career Field

1135 Intro to Fab Lab
1104 Intro to Engineering

MANUFACTURING
MN Career Field

1103 Intro to Metals
1137 Welding & Milling

Transportation
MN Career Field

1144 Intro to Small Engines
1156 Auto Maintenance

Adv. Design-Build
(Students that have completed all courses in a chosen career field will create their own project).

SELF-GUIDED

ARCHITECTURE
MN Career Field

1102 Intro to Drafting
1131 Architecture & Landscape Design

COMMUNICATIONS
MN Career Field

- *Irish Update ABC*
- *IU: Broadcast Journalism ABC*
**See English Dept.*

RELATED CAREER DEVELOPMENT
District-Wide Two Hour Block Courses

> Vehicle Services (& Adv.)	> Aviation
> Computer Hardware/ Software & Game Design	> Computer Network Technology: CISCO

TECHNICAL AND MULTIMEDIA EDUCATION COURSES

Courses in the Technology and Engineering Department are organized according to the MN Department of Education and MN State Colleges and Universities Career Fields, Clusters, and Pathways model. These programs of study are designed for students to attain the specific knowledge, skills, and abilities needed to pursue a career of their choice. It is highly recommended that students enroll in a focus area's introductory courses before enrolling in that area's upper level courses. Upon completion of all the courses in an entire learning area, students may apply for Advanced Design-Build, a practical applied engineering course that is meant to be a capstone course for any of the focus areas. The department also offers two additional courses outside the main focus areas. These courses require no prerequisite and are meant to benefit a student's career or life skills.

SKILLS FOR LIFE COURSE-RECOMMENDED FOR ALL STUDENTS

-  **1100 Problem Solving Home Repair** Grades 9, 10, 11, 12
Prerequisite: None

Our homes are rooted in human-made products that are prone to malfunction or breakage. It is important for students to gain confidence in troubleshooting and problem solving, so that they may be well prepared for a future that will most certainly require such talents. Concepts such as troubleshooting, redesign and retrofitting, process implementation, tools, systems and safety, will all help to answer the ultimate engineering question: "How does this work?" This course is based in residential construction and how our home's systems and structures function. Additionally, knowing how to perform repairs can save people thousands of dollars over a lifetime.

CONSTRUCTION COURSES

-  **1101 Intro to Woods** Grades 9, 10, 11, 12
Prerequisite: None

This survey course provides students with basic skills in the safe and proper operation of power tools and techniques used in production. Classroom projects are designed to allow students the opportunity to use a variety of the current production machines in the classroom while learning industry terminology. In addition, activities will include squaring stock, basic joinery, gluing techniques and finishing.


-  **1140 Cabinetmaking** Grades 10, 11, 12
Prerequisite: Intro to Woods

This course focuses on the fundamental understanding of wood technology. Topics covered include wood harvesting and seasoning, species identification, project design, cost estimation, safety practices, and wood finishing technologies.

-  **1141 Build Your Own Sports Equipment** Grades 10, 11, 12
Prerequisite: Intro to Woods

This course will provide students with the opportunity to construct sports equipment of their choice using the Technology Education shop area. This course is aimed towards students who wish to construct non-traditional technology education projects.

MANUFACTURING COURSES

-  **1103 Intro to Metals** Grades 9, 10, 11, 12
Prerequisite: None

This course is an introduction and orientation to the field of metal, manufacturing and fabrication. Technical information in manufacturing and fabrication will be covered with emphasis on exercises for development of fundamental skills and knowledge.

-  **1137 Welding and Machining** Grades 10, 11, 12
Prerequisite: Intro to Metals

Hands-on exploratory experiences in the operation of metal machining will utilize the lathe, milling machine, and drill press. Gas, electric arc, MIG and TIG welding processes will also be explored. Material selection and processing will be emphasized.

STEM COURSES

-  **1104 Intro to Engineering** Grades 9, 10, 11, 12
Prerequisite: None

This course is an introduction to the field of engineering. Through projects, students will explore civil, mechanical, and electrical concepts; three of the major branches of engineering. Numerous sub disciplines and interdisciplinary subjects are derived from concentrations, combinations or extensions of these three major branches of engineering.

TECHNICAL AND MULTIMEDIA EDUCATION COURSES

1135 Intro to Fab Lab

Grades 9, 10, 11, 12
Prerequisite: Intro to Engineering

Be one of the first to explore the new Fab Lab and all it has to offer! This course will be an introduction to the 2D, 3D and CNC controlled machines in the Fab Lab. Students will also be introduced to the design process and documentation used in engineering related fields. Students will be expected to complete rudimentary tasks necessary for basic operation of the Fab Lab equipment. Basic hands-on projects will be designed and created throughout the course to demonstrate mastery of the equipment operations.

ARCHITECTURE COURSES

1102 Intro to Drafting

Grades 9, 10, 11, 12
Prerequisite: None

This course introduces students to the language of drafting through the development of engineering and architectural projects. Designs will be developed through the use of CADD software. Technical drawings and 3D modeling are developed for each project. Drafting is considered the international symbol language and is a major communication medium of the information age.

1131 Architecture and Landscaping Design

Grades 10, 11, 12
Prerequisite: Intro to Drafting

This course is a study of interior and exterior residential architectural designs. Orthographic, isometric, oblique, perspective sketching techniques, wall section drawings and material / cost schedules will be covered. Students will create a complete set of residential working drawings to include: scaled floor plan, called foundation plan, scaled elevation drawing, electrical plan, plumbing plan, plot plan, wall section drawing and cost schedules.

TRANSPORTATION COURSES

1144 Intro to Small Engines

Grades 9, 10, 11, 12
Prerequisite None

This course will cover theory of operation and component design of small gas engines. Students will disassemble, measure, clean and reassemble an internal combustion engine. In addition, troubleshooting and repair of two and four cycle engines will be covered.

1156 Auto Maintenance

Grades 10, 11, 12
Prerequisite: Intro to Small Engines

This course teaches students how to select, purchase, finance and insure a vehicle. In addition, students will learn how to perform the periodic maintenance procedures necessary on most current / common passenger vehicles. Students will not need any previous mechanical experience, but on occasion, have access to a car for lab work.

COMMUNICATIONS COURSES

0337 IU: Broadcast Journalism A 0338 IU: Broadcast Journalism B 0339 IU: Broadcast Journalism C

Grades 9, 10, 11, 12
Prerequisite: None

See English / Language Arts section for details.

0340 Irish Update A 0341 Irish Update B 0342 Irish Update C

Grades 10, 11, 12
Prerequisite: None

See English / Language Arts section for details.

ADVANCED COURSES

1150 Advanced Design-Build

Grades 10, 11, 12
Prerequisite: Application Required

A practical approach to applied engineering. Independent use of machines and materials allows students to design and build a project of their choice. Students will be responsible for researching their project design, cost estimates, project procedures, material selection, and construction. This course will be an extensive personal development of advanced problem solving, with students working independently to the greatest extent possible. The instructor's role will be focused on the tasks of monitoring shop safety and providing expertise knowledge and resources.



Career Development and Enrichment Opportunities Programs

The District 196 Career Development & Enrichment Opportunities Program offer a variety of courses designed to expose you to possibilities available in today's and tomorrow's workforce. Business and community leaders across the nation indicate that you must have a sound academic background combined with the ability to apply what you learn to succeed in a global economy. Career Development and Enrichment Opportunities Program courses can help you understand your interests and talents, select potential career fields for the future, and decide upon appropriate post-secondary learning and training opportunities.

The courses listed provide opportunities for you to reach your full potential. The courses incorporate strong academic preparation, unique field trip opportunities, and partnerships within the community. We encourage you to take advantage of these offerings and the expanded opportunities they provide.

Registration

The Career Development and Enrichment Opportunities Program are offered to juniors and seniors enrolled at any of the district's high schools. Courses are filled on a space available basis unless otherwise noted in the registration guide. Priority registration is given to seniors, followed by juniors. You may register for any of the Career Development and Enrichment Opportunities Program courses through the regular registration process at your high school.

Transportation

Transportation is NOT provided by the district. Students must purchase a parking permit from their home school in order to park on the campus where the course is taught. Students are required to turn in a Release of Liability for Students Transporting Themselves Between School Sites During the School Day (707.13P).

Articulation Agreements

By successfully completing courses that are articulated with post-secondary institutions, you may earn college credit or a course waiver to enable you to enroll in the next level of a college program.






Articulation agreements stress high standards of work - the same standards that students must meet while enrolled at the college level. In order to receive college credit, you must:

- maintain at least a B average in the high school course;
- master a minimum of 80% of the skills listed on the back of the articulation certificate, and
- enroll in the post-secondary institution awarding credit within two years of graduation.

Ask your instructor about articulation agreements that may be offered in your class.

CAREER DEVELOPMENT COURSE SUMMARY

The following is a quick summary of the Career Development Program. See the district catalogue for full details.

 7701 College in the Schools: Animal Science A	Grade: 11, 12
 7702 College in the Schools: Animal Science B	Site: School of Environmental Studies
7703 College in the Schools: Animal Science C	Prerequisite: None
	Length: Two periods, full year recommended
 7704 Sustainability Systems in Plant and Animal Science A	Grade: 11, 12
7705 Sustainability Systems in Plant and Animal Science B	Site: School of Environmental Studies
7706 Sustainability Systems in Plant and Animal Science C	Prerequisite: None
	Length: Two periods, full year recommended
 7707 Zoos, Aquariums & Small Animal Care A	Grade: 11, 12
7708 Zoos, Aquariums & Small Animal Care B	Site: School of Environmental Studies
7709 Zoos, Aquariums & Small Animal Care C	Prerequisite: None
	Length: Two periods, full year recommended
 7710 Aviation and Ground School A	Grade: 11, 12
7711 Aviation and Ground School B	Site: Eagan High School
7712 Aviation and Ground School C	Prerequisite: None
	Length: Two periods, full year recommended
	Course Fee: \$20 Materials Donation and Additional Fees for Optional Flight Time

CAREER DEVELOPMENT PROGRAM

<ul style="list-style-type: none"> 7731 Computer Hardware, Software & Game Design A 7732 Computer Hardware, Software & Game Design B 7733 Computer Hardware, Software & Game Design C 	Grade: 11, 12 Site: Rosemount High School Prerequisite: None Length: Two periods, full year recommended
<ul style="list-style-type: none"> 7734 Computer Networking and Cybersecurity A 7735 Computer Networking and Cybersecurity B 7736 Computer Networking and Cybersecurity C 	Grade: 11, 12 Site: Rosemount High School Prerequisite: Previous computer software or hardware experience Length: Two periods, full year recommended
<ul style="list-style-type: none"> 7746 Emergency Services: Emergency Medical Services A 7747 Emergency Services: Law Enforcement B 7748 Emergency Services: Fire Fighting C 	Grade: 11, 12 Site: Rosemount High School Prerequisite: None Length: Two periods, full year recommended
<ul style="list-style-type: none"> 7749 Advanced Emergency Services C 	Grade: 12 Site: Rosemount High School Prerequisite: Emergency Medical Services A Length: Two periods, Spring trimester
<ul style="list-style-type: none"> 7750 Forensic Science A 7751 Forensic Science B 7752 Forensic Science C 	Grade: 11, 12 Site: Rosemount High School Prerequisite: None Length: Two periods, full year recommended
<ul style="list-style-type: none"> 7753 Advanced Forensic Science A 7754 Advanced Forensic Science B 7755 Advanced Forensic Science C 	Grade: 12 Site: Rosemount High School Prerequisite: Forensic Science A-C Length: Two periods, full year recommended
<ul style="list-style-type: none"> 7756 Event Planning A 7757 Travel and Tourism B 7758 Hotel and Restaurant C 	Grade: 11, 12 Site: Eagan High School Prerequisite: None Length: Two periods, one trimester or full year
<ul style="list-style-type: none"> 7759 Advanced Hospitality Management A 7760 Advanced Hospitality Management B 7761 Advanced Hospitality Management C 	Grade: 12 Site: Eagan High School Prerequisite: Hospitality Mgt A, B, C Length: Two periods, one trimester or full year
<ul style="list-style-type: none"> 7762 Medical and Health Care A 7763 Medical and Health Care B 7764 Medical and Health Care C 	Grade: 11, 12 Site: Rosemount High School Prerequisite: None Length: Two periods, full year recommended
<ul style="list-style-type: none"> 7765 Advanced Medical and Health Care A 7766 Advanced Medical and Health Care B 7767 Advanced Medical and Health Care C 	Grade: 12 Site: Rosemount High School Prerequisite: Medical and Health Care A-C Length: Two periods, full year recommended
<ul style="list-style-type: none"> 7768 Music Production 1A 7769 Music Production 1B 7770 Music Production 1C 	Grade: 11, 12 Site: School of Environmental Studies Prerequisite: None Length: Two periods, full year recommended
<ul style="list-style-type: none"> 7771 Music Production 2A 7772 Music Production 2B 7773 Music Production 2C 	Grade: 11, 12 Site: School of Environmental Studies Prerequisite: Music Production 1A-C or instructor approval Length: Two periods, full year recommended
<ul style="list-style-type: none"> 7774 Vehicle Services A 7775 Vehicle Services B 7776 Vehicle Services C 	Grade: 11, 12 Site: Rosemount High School Prerequisite: None Length: Two periods, full year recommended
<ul style="list-style-type: none"> 7777 Advanced Vehicle Services A 7778 Advanced Vehicle Services B 7779 Advanced Vehicle Services C 	Grade: 12 Site: Rosemount High School Prerequisite: Vehicle Services A-C or instructor approval Length: Two periods, full year recommended



Special Programs

WORK EXPERIENCE PROGRAMS

- ✿ 1701 Work Experience Career Exploration Program (WECEP Success Seminar) 9A
- 1702 Work Experience Career Exploration Program (WECEP Success Seminar) 9B
- 1703 Work Experience Career Exploration Program (WECEP Success Seminar) 9C

Grade 9

Prerequisite: Recommended by Student Assistance Team

WECEP Success Seminar 9 is an essential skills seminar that meets everyday in a small group. The goals of WECEP 9 include teaching and supporting positive attitudes and behaviors as well as communicating with teachers and the personal awareness skills that support strong academic performance required in high school.

Teachers use a holistic approach to the student learner by providing a structured caring environment with pre-teaching/re-teaching in subject areas. Students are taught time-management skills, appropriate classroom expectations while enhancing their independence in their learning experience. WECEP teachers team with subject area core teachers to align with student content expectations and deadline dates. Program goals are to increase student success in earning credits, increase core content knowledge, and support the entry-level skills required for the world of work.

Students participating in WECEP 9 will be responsible for maintaining a daily planner and will use the time in class to organize, complete and turn in daily academic assignments. Reading and writing strategies will be emphasized along with the self-management skills such as self-respect, responsibility, resourcefulness and initiative. Teachers will also assist in navigating educational technology such as Moodle and Collab. Students in this program may participate in a service learning experience.

- ✿ 1725 Work Experience Career Exploration Program (WECEP Success Seminar) 10A
- 1726 Work Experience Career Exploration Program (WECEP Success Seminar) 10B
- 1727 Work Experience Career Exploration Program (WECEP Success Seminar) 10C

Grade 10

Prerequisite: Recommended by Student Assistance Team

WECEP Success Seminar 10 is an essential skills seminar that meets everyday in a small group. The goal of WECEP 10 is to teach and support positive attitudes and behaviors, communication and the personal awareness skills that will support strong academic performance that is required in high school. Essential skills learned in this seminar also support the entry-level skills required for the world of work.

Students participating in WECEP 10 will be responsible for maintaining a daily planner and will use the time in class to organize, complete and turn in daily academic assignments. Reading and writing strategies along with the self-management skills of self-respect, responsibility, resourcefulness and initiative will be emphasized. Teachers will also assist in navigating educational technology such as Moodle and Collab. Students in this program may participate in a service learning experience.

- ✿ 1751 Work Experience Seminar IA
- 1752 Work Experience Seminar IB
- 1753 Work Experience Seminar IC

Grade 11

Prerequisite:

Completion of the Work Experience application, recommendation of counselor and permission of Work Experience Coordinator
Tenth graders by recommendation of counselor and instructor approval

- 1761 Work Based Learning IA (1 Period Per Day - 1 Credit)
- 1762 Work Based Learning IB (1 Period Per Day - 1 Credit)
- 1763 Work Based Learning IC (1 Period Per Day - 1 Credit)

- 1771 Work Based Learning IA (2 Periods Per Day - 2 Credits)
- 1772 Work Based Learning IB (2 Periods Per Day - 2 Credits)
- 1773 Work Based Learning IC (2 Periods Per Day - 2 Credits)

- ✿ 1776 Work Experience Seminar IIA
- 1777 Work Experience Seminar IIB
- 1778 Work Experience Seminar IIC

Grade 12

Prerequisite:

Successful completion of Work Experience Level I or 12th grade students who are new to the program

- 1781 Work Based Learning IIA (1 Period Per Day - 1 Credit)
- 1782 Work Based Learning IIB (1 Period Per Day - 1 Credit)
- 1783 Work Based Learning IIC (1 Period Per Day - 1 Credit)

Completion of the Work Experience application, recommendation of counselor and permission of Work Experience Coordinator

WORK EXPERIENCE PROGRAMS CONTINUED

- 1791 Work Based Learning IIA (2 Periods Per Day - 2 Credits)
- 1792 Work Based Learning IIB (2 Periods Per Day - 2 Credits)
- 1793 Work Based Learning IIC (2 Periods Per Day - 2 Credits)

Level I Work Experience is for students in grade 11 who are new to the program.

Level II Work Experience is a continuation of Level I and is designed for students in grade 12 or in year two of the program.

Level 1 Seminar & Work Based Learning

Students apply informed decision-making processes to promote personal growth and develop competencies in self-awareness, interpersonal relationships, employment readiness, independent living and citizenship. The students will be introduced to personal money management, saving, budgeting, investing & retirement planning, and insurance through Foundations in Personal Finance.

The goals of the program are to increase student employability skills, independent living skills, to develop career awareness and a post-secondary plan, and to promote academic success at RHS for those students who may be experiencing financial, academic or other personal difficulty.

Students enrolled in the Employability Skills Seminar are eligible for Work Based Learning hours (paid or volunteer job placement in the community).

Level 2 Seminar & Work Based Learning

Students apply informed decision-making processes to promote personal growth and develop competencies in self-awareness, interpersonal relationships, employment readiness, independent living and citizenship. Students will focus on Saving, Debt, Post Secondary Options, Careers and Taxes through Foundations in Personal Finance. Students will participate in an E-mentoring project through BestPrep Minnesota, which brings together the business and educational communities to prepare students for life after high school.

The goals of the program are to increase student employability skills, independent living skills, to develop career awareness and a post-secondary plan, and to promote academic success at RHS for those students who may be experiencing financial, academic or other personal difficulty.

Students enrolled in the Employability Skills Seminar are eligible for Work Based Learning hours (paid or volunteer job placement in the community).

Work-Based Learning (Job Placement)

Students apply informed decision-making processes to develop a vocational pathway by constructing a Careers Investigation Portfolio and participating in real world work experiences through, shadowing, volunteering, or on-the-job paid employment. Students may earn a maximum of two credits per trimester in Work Based Learning. Students are required to maintain acceptable performance in classes in order to maintain eligibility in Work Based Learning hours.

NOTE: FOR STUDENTS ENROLLED IN SPECIAL EDUCATION, REFER TO PAGE 66.

SPECIAL STUDENT PROGRAMS

GUIDANCE AND COUNSELING COURSES

The Guidance and Counseling Department offers opportunities for students to earn a school service credit in grades 10, 11 and 12.

-  1674 EL Peer Mentor T1
1675 EL Peer Mentor T2
1676 EL Peer Mentor T3
- Grades 9, 10, 11, 12
Prerequisite: Application Process

Student may apply to perform a service to our English Language Learners in a classroom setting. Peer Mentor is an ungraded elective credit.

-  1800 Independent Study
- Grades 10, 11, 12
Prerequisite: Guidance Department Coordinator Approval

Students who are members of Guidance and Counseling Department sponsored "Peer Programs" may apply for one Guidance and Counseling elective Independent Study experience per trimester. The Independent Study school service credit allows a student time during the school day to perform a service to the school community. The Independent Study is an "ungraded" (P-NC) elective credit.

SPECIAL STUDENT PROGRAMS

☘ 1805 ACT Prep

Grades 10, 11, 12
Prerequisite: None

Whether you have taken the ACT test before or you are new to the experience, this course will prepare you to do your personal best. The trimester long elective course will navigate students through the ACT testing process and will focus on understanding the format of the test, building strategies for answering more questions correctly and pacing yourself during a timed test. Students build confidence and skills that will boost their scores on the actual test. Students will have access to hundreds of practice questions and an online program that helps them continue preparing even after the course is completed. One assignment for the course will be to take a mock test under actual testing conditions outside the normal school day. Students are encouraged to purchase an ACT Prep workbook to enhance their learning in the class.

SPECIAL EDUCATION COURSES

Academic and behavioral support courses are offered to students who have met eligibility for special education service and have an Individual Education Plan (IEP). Courses offered for credit are listed below:

	T1	T2	T3	
☘ Strategies 9	1301	1302	1303	Grade 9
☘ Strategies 10	1304	1305	1306	Grade 10
☘ Strategies 11	1307	1308	1309	Grade 11
☘ Strategies 12	1310	1311	1312	Grades 12 Prerequisite: Recommendation by Child Study Team

This class is designed to pre-teach and re-teach concepts taught in students' core subject classes. Each day, the Strategies class will focus on activities that will support core subject area class objectives. This class is not a study hall where students will be working on their homework; students will develop skills to enable them to improve academic behaviors necessary for being a successful student. Students will earn credit based on their participation in teacher led activities, use of classroom time to work on academics, and use of a planner or other system of their choice.

	T1	T2	T3	
☘ Basic Skills	1511	1512	1513	Grades 9, 10, 11, 12 Prerequisite: Recommendation by Child Study Team

This center based program will focus on the three areas of transition into adult life. Instruction will allow for practical application of skills in independent life, work and post-secondary training and learning opportunities as identified by student's needs outlined on the Individual Education Plan.

	T1	T2	T3	
☘ EL Language Through Development	1651	1652	1653	Grades 9, 10, 11, 12
EL Literature & Composition	1661	1662	1663	Prerequisite: Written Permission of ELL Teacher
EL Peer Tutoring	1686	1687	1688	
EL Social Studies	1677	1678	1679	
EL Level 2/3	1683	1684	1685	

The English Language Learner Program provides small group instruction for students with limited English proficiency. The goal of the program is to help students develop the English language skills necessary for success in school. These skills include listening comprehension, speaking, reading and writing. Students in EL may earn an English credit plus additional elective credits per hour of instruction. Credit decisions will be made on an individual student basis.

☘ 1654 Transitional English for Determined Students A		Grades 9, 10, 11, 12
1655 Transitional English for Determined Students B		Prerequisite: Written Permission of ELL Teacher
1656 Transitional English for Determined Students C		

The Transitional English for Determined Students (TEDS) class is an elective credit designed to help students develop academic independence through learning different studying and organizational techniques. This class will also discuss goals, careers and help in preparing for college.

☘ 1691 Physical Activity A	Grades 9, 10, 11, 12	
1692 Physical Activity B	Prerequisite: Recommendation by Child Study Team	
1693 Physical Activity C		

This course is designed to offer students lifetime recreation, leisure and fitness activities. The goal of this class is to introduce a wide variety of activities, develop a basic knowledge base for each, and promote participation outside the school setting.

SPECIAL STUDENT PROGRAMS

	T1	T2	T3	
✿ English	1531	1532	1533	Grades 9, 10, 11, 12
Academic Prep	1545	1546	1547	Prerequisite: Recommendation by Child Study Team
Math	1561	1562	1563	
Independent Life Skills	1571	1572	1573	
Science	1591	1592	1593	

The center based program is for students with communication interaction difficulties, which could include Autism Spectrum Disorder. The special education program will provide support in the areas of academics and transition. The instruction is designed to promote appropriate communication, academic success and social competencies across settings as identified on the Individual Education Plan.

WORK EXPERIENCE - SPECIAL EDUCATION COURSES

✿ 1613 Work Force Foundations IA - IEP Referral	Grades 9, 10, 11, 12
1614 Work Force Foundations IB	Prerequisite: Recommendation by Work Experience Teacher and student's IEP team
1615 Work Force Foundations IC	

The purpose of Work Force Foundations I is to increase student employability skills and develop job awareness. Student workers demonstrating significantly below average entry-level employment skills and behaviors that require coaching instruction will participate in work labs on the Rosemount High School campus. These labs will support students needing to improve their common social interactions as well as those with impaired communication skills, restricted range of interests or repetitive behaviors. Workers requiring direct job coaching instruction to support predictable cause and affect job tasks, with limited decision making skills will benefit from the Work Force Foundations classes. Student-workers will develop skills and behaviors to follow safety practices, and follow workplace rules and standard operating procedures for equipment and materials. Placement in this class is an IEP team decision.

✿ 1625 Work Experience Transitional Seminar A	Grades 10, 11, 12
1626 Work Experience Transitional Seminar B	Prerequisite: Recommendation by the Child Study Team
1627 Work Experience Transitional Seminar C	

- 1631 Work Based Learning A (1 Period Per Day - 1 Credit)
- 1632 Work Based Learning B (1 Period Per Day - 1 Credit)
- 1633 Work Based Learning C (1 Period Per Day - 1 Credit)

- 1641 Work Based Learning A (2 Periods Per Day - 2 Credits)
- 1642 Work Based Learning B (2 Periods Per Day - 2 Credits)
- 1643 Work Based Learning C (2 Periods Per Day - 2 Credits)

NOTE: WORK EXPERIENCE/TRANSITION IS FOR SPECIAL EDUCATION STUDENTS WITH ACTIVE I.E.P.s.

This course will focus on three areas of transition into adult life. Instruction will allow for practical application of skills in Independent Living, Employment, and Postsecondary Planning.

The goal of the program is to prepare students for competitive employment and citizenship. Through in-class discussion and activities, students learn job seeking and keeping skills, interpersonal skills, workplace safety, and skills needed for independent living. Students who may need curriculum modifications, a job coach in Rosemount High School, are not yet ready for independent, competitive employment in the community, or may have barriers to obtaining or keeping employment should enroll in this class.

Students may earn a maximum of three credits per trimester (1 credit for seminar and 2 credits for on-the-job training hours) in the Work Experience Program. Students may work in RHS doing various jobs around the building or be employed in the community.



DISTRICT 196

One District. Infinite Possibilities.

