APPLE VALLEY HIGH SCHOOL

Registration Guide

2013 - 2014

National School of Excellence Award
A Nationally Recognized Blue Ribbon School of Excellence

Number 1 in MSHSL State Championships - combined Arts and Athletics

National Endowment of the Arts Special Commendation for Distinctive Programming in the Performing and Visual Arts

"140 Best High Schools" in the U.S. Award for Redbook Magazine
Named "One of 12 Schools That Succeed" Phi Delta Kappa
"One of the Top 8 Athletic Programs in the U.S.A." Scholastic Coach and Athletic Journal
Minnesota Model Music School
Grammy Signature School
"National School of Excellence" - Speech and Debate
Newsweek Top 5% of all High Schools in America

Apple Valley High School 2013-2014 On-Line Registration

Once students and parents have reviewed the registration guide and completed the registration sheet, you are prepared to go online to complete the electronic registration. The registration guide is open from January 18-29, 2013.

Step by step on-line registration instructions

SELECTING ACADEMIC COURSES

Students should use Microsoft Internet Explorer (on Windows) or Camino (Mac). Other browsers have caused problems in completing registration.

1. Go to www.district196.org/avhs.
2. Click on "Click here for Online Registration" link (available January 18 thru January 29).
3. Type in your user name (student number - available on student I.D. card).
4. Type in your password. (Incoming Freshmen and Sophomores - Use the first initial of your first name and then the first initial of your last name followed by your six digit birth date. If your name is David James and your birth date is March 3, 1995, then your password would be: dj030395.) Juniors and Seniors - Type in your password. (Student birthdate – you must use six digits, 2 for the month, 2 for the day, and 2 for the year; e.g. 030395 for birth date March 3rd, 1995).
5. Select the option to "LOGIN".
6. Click on "Registration: 13-AVHS" from the menu on the left.
7. At the top of the registration page you have the option to "COURSE SEARCH" or "PRINT REQUEST SUMMARY". Click on "COURSE SEARCH".
8. Type the course number in the second box by using the 4-digit course number listed on your registration form (e.g. 0124, Eng. 9). Click on the "GO" button. (DO NOT type course name.)
9. Click on the course listed under the column "Select a course to view" to view course information.
10. Click on "REQUEST THIS COURSE" to select the request.
11. The top left corner of the page will display "Units: (0/24)". Disregard the number 24 as this number represents the number of courses selected and students may not select more than 21 courses. DO NOT input alternate electives.
12. If you would like to DROP a course you have selected, click on the course under your list of 'REQUESTED COURSES" and click on "DROP THIS COURSE".
13. After you have completed selecting your academic courses, you may print a summary of the courses you have selected by clicking on "PRINT REQUEST SUMMARY" - your requests will then be displayed on your screen. You may now PRINT this list.
14. Log Out

***9th and 10th Grades: Must have at least 6 classes and cannot have more than one study hall per trimester.**
***11th and 12th Grades: Must have at least 5 classes and cannot have more than two study halls per trimester.**
***Students may not choose which period they have a study hall.**

Apple Valley High School

14450 Hayes Road
Apple Valley, MN 55124
Telephone Number: (952) 431-8200
Web Site: www.district196.org/avhs

Counseling Staff (Grades 9-12)

Lisa Schmidt - Students A-Er
Val Fogolin - Students Es-Kr
Ellen Perkins - Students Ks-Re
Todd Poepard - Students Rf-Z

Department Coordinators

Business and Work Program - John Christiansen
Guidance - Lisa Schmidt
Language Arts – Bob Helgeson
Mathematics - Kristin Peterson
Performing Arts - John Zimmerman
Physical Education – Carla Christiansen
Science - Neil Michels
Social Studies - Brett Melton
Special Education - Jean Wikoff
Visual Arts, FACS, and Tech Ed - Kerry Blaine
World Languages - David Swanson

Administration

Jane K. Berenz, Superintendent
Steve Degenaar, Principal
Dr. Laura Kay Allen, Assistant Principal

School Board

Joel Albright
Art Coulson
Rob Duchscher
Gary Huuska
Jackie Magnuson
Mike Roseen
Bob Schutte

Apple Valley High School

To the Students of Apple Valley High School:

This Student Registration Guide is designed to aid you in planning your course selection at Apple Valley High School. This guide is a catalog of all the subjects taught that will be offered for the 2013-2014 school year.

Listed alphabetically by department, you will find a brief description of each course including the prerequisites so you will know if you qualify to study a specific course. Also included in this guide, you will find information about the requirements for graduation, the maximum and minimum number of courses which you may take, and other general information that will help you to get the most out of your high school years.

During December and January, this guide will be used by your counselor in helping you and your parents select the courses that you will be studying for the upcoming academic year.

Our staff and administration wish you the best of success in the pursuit of your educational program at Apple Valley High School.

Sincerely,

Steve Degenaar
Principal

To the Parents of Students entering Apple Valley High School:

We are very eager to have the class of 2017 coming to Apple Valley High School!

Registration is done online at www.district196.org/avhs. The registration guide is also online. If you would like to meet with your AVHS counselor, you are entitled to do so. Call 952-431-8218 to schedule an appointment.

If I can assist you with your registration give me a call at 952-431-8211. The registration process is an exciting time of the year.

Thanks for your participation at this important time.

Sincerely,

Laura Kay Allen, Ed.D.
Assistant Principal

GENERAL INFORMATION FOR STUDENTS AND PARENTS

This information has been prepared to help you understand the senior high school curriculum and the various educational opportunities available to each student. It is designed to simplify the registration process for you.

It is of utmost importance for the student to plan his/her own future educational program. Many critical decisions must be made during this period. Areas such as abilities, limitations, interests, aptitudes, strong points, and weak points should be considered. Your counselor can help you in these areas by interpreting test scores and other aids to you. Teachers, administrators, parents, and other qualified people can be helpful to you as you decide your courses. Try to make the courses that you select fit your own needs. High school should be a meaningful experience. The conscientious student usually gets more out of the high school experience. It would be valuable to you to be conscientious in both your school work and your course selections.

District 196 teaches students human sexuality curriculum and HIV/AIDS prevention curriculum. Course descriptions in this guide 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.

As students select the courses which will make up their next year's program, they should consider:

1. Graduation requirements
2. Career plans
3. College entrance requirements
4. Those courses which have value, meaning and appeal to the individual student.

How to Use this Registration Guide:

1. The major part of this guide is made up of course descriptions. The courses are organized by department, i.e., Social Studies, Business Education, Technology Education, etc.
2. Each individual course is one trimester (12 weeks) in length, has its own course number, and is worth one credit unless otherwise stated. The time of the year the course is offered is designated by F (Fall trimester), W (Winter trimester), and S (Spring trimester).
3. Although each course is one trimester in length, some courses are intended to follow a sequence in order to take a full year of that course. Example: Biology F-W-S.
4. Advanced, Honors and Advanced Placement courses are listed in several departments. An "Advanced" level course is the second year programming of a particular class (ex: Accounting and Advanced Accounting). An "Honors" course is a course taught at a higher level or faster pace - students would choose either the regular level or the honors level (ex: Chemistry or Honors Chemistry). An Advanced Placement course is a full year course taught at a rigorous level. College credit is awarded at some colleges provided the student successfully completes the A.P. exam in May with a score of "3" or higher. Please check with the individual college for specific details involving granting of college credit.
5. Some classes are offered for specific grade levels.
6. A prerequisite is a course that is required before taking another course. Some courses have prerequisites.

Example:	Drawing - 1043
Prerequisite:	Art 1 and Art 2
	Grades 10-11-12
	Course Title: Drawing

Who is allowed to take the class? 10, 11 and 12th grades.
Prerequisite ? You must have Art 1 and Art 2 before you take Drawing.
When Offered? Winter. (If you selected this course, you must take it in the winter and the course number would be 1043).

Graduation Credit Requirements

To be eligible for graduation each student shall have completed 66 credits in Grades 9, 10, 11, and 12. The credit requirements are as follows:

Grade 12 Requirements*:
3 Language Arts (English) courses - Minimum of one each trimester.
3 12th Grade Social courses - Minimum of one each trimester – one trimester of economics is required
Total of at least 5 credits each trimester, totaling 15 trimester credits for the year. However, you are encouraged to take more.

Grade 11 Requirements*:
3 Language Arts (English) courses - Minimum of one each trimester, including a literature class and a writing class.
3 World History courses - Minimum of one each trimester.
AP European History also meets all World History requirements.
3 Mathematics courses

3 Science courses
* Humanities meets all World History requirements and the 11th grade Language Arts requirement
Total of at least 5 trimester credits each trimester, totaling 15 trimester credits for the year. However, you are encouraged to take more. (Usually math and science are taken in grade 11.)

Grade 10 Requirements*:
1 Safety Education (Can also be taken in 9th - age 15 requirement)
1 Wellness 2 - A full schedule may necessitate leaving this course for Grade 11.
2 Physical Education courses - (may be delayed until Junior or Senior year with approval of counselor and parent).
3 Language Arts (English) courses Speech, Lit 10 and Comp 10 - Check the Language Arts section for exact courses required - Minimum of one English course each trimester.
3 American History courses - Minimum of one each trimester.
* AP American History fulfills the 10th grade American History requirement.
3 Mathematics courses
3 Science courses (encouraging Biological Science)
Total of at least 6 trimester credits each trimester totaling at least 18 trimester credits for the year.

Grade 9 Requirements*:
1 Wellness 1.
2 Physical Education classes. (Including Fitness for Life)
3 Language Arts (English) 9 courses - Minimum of one each trimester.
3 Social Studies 9 courses - Minimum of one each trimester.
3 Earth Science 9 courses - Minimum of one each trimester.
3 Mathematics 9 courses - Minimum of one each trimester.
3 Courses in Electives of Art, Technology Education, Family and Consumer Science, Music, World Language, Business, Dance, Theatre and Physical Education.
Total of at least 6 trimester credits each trimester totaling at least 18 trimester credits for the year.

Additional Requirement;
*In addition to the above requirements, each student will be required to complete in their 9th, 10th, 11th or 12th grade year:
1 Art Elective – To be taken in grade 9, 10, 11, or 12. Any art course, Choir, Band, Dance, Interior Design, Marketing 1A/Advertising, Architecture A, or CAD/3D Studio, Intro to Engineering; Engineering Design & Principles; Civil Engineering Architecture & Digital Electronics.
The Board of Education and the administration of Apple Valley High School strongly recommend that every student take a course in Family Life prior to graduation. These courses include Parenting and Exploring Relationships.

DISTRICT 196 GRADUATION REQUIREMENTS

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) – encompassing U.S. history, geography, world history, government/citizenship and economics;
- Science – three years (nine credits) – encompassing biology;
- Mathematics – three years (nine credits) – encompassing algebra, geometry, and statistics and probability;
- Arts – one course (one credit) – from the Art, Choir, Band, Dance, Interior Design, Marketing C: Advertising or Architecture A, Intro to Engineering; Principles of Engineering, Engineering and Design Principles, Civil Engineering and Digital Electronics, AutoCAD/Computer Generated Imagery.
- Health (Wellness) – 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;
- Pass the Graduation-Required Assessment for Diploma (GRAD) test in Written Composition, which is given for the first time in grade 9.
- Pass the Graduation-Required Assessment for Diploma (GRAD) test in Reading, which is given for the first time in grade 10.
- Pass the Graduation-Required Assessment for Diploma (GRAD) test in Mathematics, which is given for the first time in grade 11.

Adjustments to the graduation requirements for upcoming classes may be made in response to changes in state and federal laws.

AVHS Graduation Requirement Checklist

GRADE 9

English 9A
English 9B
English 9C
Civics & Citizenship 9A
Civics & Citizenship 9B
Civics & Citizenship 9C
Fitness for Life
PE Elective or Safety Ed.
Wellness 1
Math
Math
Math
Science
Science
3 Electives, min.

_____
_____
_____
_____
_____
_____
_____
_____
_____

GRADE 10

Comp 10
Lit 10
Speech
US Hist. A
US Hist. B
US Hist. C
Wellness 2
Safety Ed or PE Elective
PE
PE
Math
Science
Math
Science
Science

2 Electives, min.

_____
_____
_____
_____
_____
_____
_____
_____
_____

GRADE 11

L. Arts*
L. Arts*
L. Arts*
World History
World History
World History
Math
Math
Math
Science
Science
Math
Science

* See Language Arts section for specific requirements.

_____
_____
_____
_____
_____
_____
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_____
_____
_____
_____

GRADE 12

L. Arts
L. Arts
L. Arts
Economics
Social Studies
Social Studies
9 Electives, min.

Literature Req. (must have one of the following)
- Early Am. Lit.
- Mod. Am. Lit.
- Contemporary Am. Lit.
- British Lit.
- AP Language
- Humanities

Writing Req. (must have one of the following)
- Adv. Comp 1
- Writing for the 21st Century
- Blog Writing
- Humanities
- AP Language

3 Electives, min.

_____
_____
_____
_____
_____

Art Standard (1 in grade 9, 10, 11 or 12)
(Art, Choir, Band, Acting, Interior Design, Marketing 1/Advertising, Architecture or AutoCAD/Computer Generated Images)

Total Credits:_____

Total Credits: _____

Total Credits: _____

Total Credits: _____
(must equal or exceed 66)

RECOMMENDATIONS FOR POST-HIGH SCHOOL PREPARATION

Individual admissions criteria varies so please check with your post-secondary schools of interest

Courses for Entering	Colleges, Universities, Military Academies	Community and Technical Colleges
Language Arts (English)	Four years	Four years
Science	Three to four years Earth Science Biology Chemistry Physics	Three to four years
Math	Three to four years Algebra (2 years) Geometry Calculus CAPS	Three to four years
Social Studies	Four years	Four years
World Languages	Two to four years of same language	Two to four years of same language
Visual Arts Family & Consumer Science Mentor Program Technology Education Performing Arts	One year (Recommended but not required)	One to four years
Business	One year (Recommended but not required)	One to four years

Honors Rank
This is another way of ranking students who take a significant number of Honors and Advanced Placement (AP) classes. Within the Honors Ranking system, the current system (regular ranking system) would be maintained along with a dual track Honors Ranking system. To qualify for an Honors Rank at AVHS, students must meet the following criteria:

1. Take at least 23 trimester courses during grades 9-12 of the Honors/Accelerated/AP courses listed. In general, students need to average 2 honors classes each trimester during grades 9-12.
2. Students must earn a grade of "B-" or better for an Accelerated/Honors/AP course to count toward the total grade level minimums of 6, 12, 18 and 23 trimester courses. (Note: Taking a class “Pass/No Credit” does NOT count as a qualifying class!)

Advanced Level Courses
Students who are currently in or plan to take advanced level courses in one or more areas might consider the following courses/programs.

1. ADVANCED LEVEL BUSINESS
   College in the Schools - Microeconomics

2. ADVANCED LEVEL LANGUAGE ARTS
   Honors English 9
   Honors Literature 10
   Honors Composition 10
   Honors Speech
   College in the Schools - Public Speaking
   College in the Schools - Writing Studio

3. ADVANCED LEVEL MATH
   Honors Geometry
   Honors Algebra II
   Honors Pre-Calculus

4. ADVANCED LEVEL SCIENCE
   Honors Earth Science 9
   Honors Biology
   Honors Chemistry
   Honors Physics

5. ADVANCED LEVEL SOCIAL STUDIES
   Honors Civics & Citizenship

6. ADVANCED WORLD LANGUAGE
   Honors Spanish 2
   Honors Spanish 3
   Honors Spanish 4
   College in the Schools - Spanish 5
   College in the Schools - German 4

7. ADVANCED PLACEMENT COURSES
   • These courses will help students prepare for the optional advanced placement examination.
   Advanced Placement American History
   Advanced Placement European History

Advanced Placement Macroeconomics
Advanced Placement Psychology
Advanced Placement U.S. Government/Politics
Advanced Placement Language and Composition (11)
Advanced Placement Literature and Composition (12)
Advanced Placement Studio Art
Advanced Placement Calculus AB
Advanced Placement Calculus BC
Advanced Placement Statistics
Advanced Placement Chemistry
College in the Schools - Anatomy & Physiology

8. INDEPENDENT STUDY OPPORTUNITIES IN ALL DEPARTMENTS

9. MENTOR PROGRAM

This program is designed for college bound juniors and seniors who are interested in exploring college and career options suited to their personal interests, talents and goals. Students who successfully complete Mentor Seminar are eligible for Mentor Field Experience where they are placed with a professional mentor to gain insights and experience in the career.

10. THE MINNESOTA POST-SECONDARY ENROLLMENT OPTION

Eligible juniors and seniors at Apple Valley High School may enroll at Minnesota post- secondary institutions. Students may take classes for secondary and post-secondary credit. The purposes of the program are as follows:

a. To promote rigorous educational pursuits.
b. To provide a wider variety of options for students.

Contact with your counselor is advised if you are qualified and interested in the above opportunities.

Testing Out
(Credit Via Assessment)

Apple Valley High School:
When the student applies to receive credit for a course through testing out (an assessment process), the specific requirements for awarding the credit will be established. The same requirements will apply to other students who later request credit for that course. Requirements may be revised whenever the need arises to do so.

Process for Applying

A. The student will discuss the request for testing out with their counselor, receive an application and meet with the teacher in charge of testing out for that subject. All information regarding testing out expectations, timelines and curriculum will be discussed and agreed upon at that time. Student and teacher will complete the application together and forward it to the counseling office.

B. Applications must be received by the counseling office one full trimester before the beginning of the course for which the testing out application is being made. The intervening trimester will be used to develop the assessment tool, administer the assessment, award credit and place the student in an alternative course if needed.

C. All portions of the assessment must be completed within a two trimester period and six weeks prior to the regular class. Credit Via Assessment will not carry over into summer months. If a student has not completed within the timeline stated on the application or they have failed to meet the grade necessary, their counselor will commence placement into an appropriate class.

Process for Assessing

A. In some instances the end-of-course assessment, if one has been developed, will be used as the first part of the process. Only students who pass the district assessment at an 80% level (or exhibit high quality work on a performance-based assessment) will be eligible to continue to the second part of the process.

B. During the second portion of the assessment process, the student may be asked to demonstrate skills, answer questions in an interview, exhibit a portfolio of tasks, or be involved in some other performance-based assessment.

C. Once the entire assessment process has been developed for a course, all subsequent applicants will be assessed using that process. The assessment office will administer all paper/pencil tests developed for the first part of the testing process. If that assessment contains a performance component or requires the use of special equipment such as a computer, the school will make the arrangements. The second portion of the assessment process will be conducted by the department.

D. A student may attempt to test out only once for each course and may not test out of a course in which he/she has been previously enrolled. Courses which are sequential must be tested out in the same sequence. If a course requires a prerequisite, the prerequisite must have been completed or satisfactorily tested out ahead of time. If a student fails to complete the entire assessment process during the designated time period, the application will be denied.

E. Students who do not satisfactorily complete the assessment process may ask to have their case reviewed.

F. If the student completes an assessment process in a satisfactory manner, the student's transcript will show the credit earned and a course grade of S+. Depending on the course, students may earn a trimester credit, a full year credit, or in the case of a full year course a student could successfully complete just one of the trimesters. Following the review process timeline, counselors will update the student's transcript.

G. Students must continue to maintain full time status in accordance with district policy. The original copy of the student's application and results will be placed in the student's file.

CLEP:

CLEP exams are an opportunity to earn college credit while still in high school. CLEP exams are accepted at almost 3000 colleges around the country - and MNSCU institutions are required to accept successfully passed CLEP exams with a score of 50 (equivalent to a C) or better, depending on a student's career and academic goals. The University of Minnesota system and private colleges in MN are also encouraged to accept CLEP exams for credit. See your counselor for further information.

Pass - No Credit System
Students may take one class each trimester on a “Pass-No Credit” basis whether he/she is taking five, six or seven subjects. This option may encourage students to explore interests in a subject in which they may not be willing to risk getting a low grade. The many course offerings at the senior high level may be more willingly explored under such a program. Procedure: Students registering for the courses during registration need not make a decision to take a course on a “Pass-No Credit” basis but may select a course with that in mind. Within the first 20 days of each trimester, the student picks up a “Pass-No Credit” form from the Guidance Office, presents it to the teacher of the class for signature, has one of their parents sign it, and returns it to the office by the deadline, which is the 20th day of the trimester.
All “Pass-No Credit” students in any course will take all tests, turn in all regular class work, and receive grades along with other students. Only the final mark is a “Pass-No Credit” mark. A subject taken on a “Pass-No Credit” basis will not affect a student’s class rank or honor roll standing. If the student passes the class the student will receive a “P” and one credit on his/her report card for that class. If the student fails the class, the student would then receive an “NC” (no credit) on the report card. At the end of the trimester,

the student still has the option of taking the class for the grade (A or B) even though the student signed up for a Pass-No Credit. All the student has to do is inform the teacher that a grade is preferred.

Student Schedule Correction Guidelines
Before winter trimester, a four day schedule correction period will be held. Students will be able to examine their classes for both winter and spring trimesters and request changes. This will be the final opportunity to request changes for the remaining school year. Schedule Correction Request Forms are available in the AVHS Guidance Office and must be turned in by the specified deadline. Much time and effort has been spent on meeting the initial scheduling selections which students and parents requested. Schedule corrections, therefore, must be for definite educational reasons. There will be no schedule corrections after the designated week. All schedule corrections are subject to parent approval and class availability.
Student requests for class changes during schedule corrections will not be able to be honored for the following reasons:

1. Requests for a specific teacher

2. Requests for specific study hall periods

3. Requests for changing classes to different periods.

During the 1st week of a trimester, students may drop a class to go to a study hall without penalty. Students must keep a minimum of 6 classes as freshmen and sophomores, and a minimum of 5 classes as juniors and seniors. Classes are NOT added once a trimester starts. Students who drop a class after the first week will receive an F.

CO-CURRICULAR PROGRAMS REQUIRING A STUDY HALL FOR PARTICIPATION

These co-curricular study halls receive no credit. They are listed in this guide only because they require that a student have a particular study hall which will be used for practice. Students may not sign up for these activities without a written permission slip from the appropriate coach.

BOYS' HOCKEY - (W-0258)
Prerequisite: Written permission from the head coach
Grades 9-10-11-12

GIRLS' HOCKEY - (W-0259)
Prerequisite: Written permission from the head coach
Grades 9-10-11-12

BOYS' GOLF - (S-0260) - Grades 9-10-11-12
Prerequisite: Written permission from the head boys' golf coach. With only a few exceptions, ninth and tenth graders will have golf after school - they won't need to sign up.

GIRLS' GOLF - (S-0261) - Grades 9-10-11-12 Prerequisite: Written permission from the head girls' golf coach. With only a few exceptions, ninth and tenth graders will have golf after school - they won't need to sign up.

NCAA ELIGIBILITY

- NCAA Division I currently requires 16 core courses. NCAA Division II will require 16 core courses for students enrolling on or after**August 1, 2103.**
- Beginning **August 1, 2016**, NCAA Division I will require 10 core courses to be completed prior to the seventh semester (seven of the 10 core courses must be combination of English, math or natural or physical science that meet the distribution requirements to the right). These 10 courses become "locked in" at the seventh semester and cannot be retaken for grade improvement.
- Beginning **August 1, 2016**, it will be possible for a Division I college-bound student-athlete to still receive athletics aid and the ability to practice with the team if he or she fails to meet the 10 course requirement. However, the student-athlete would not be able to compete.

Grade-Point Average

- Only courses that appear on your high school's List of NCAA Courses will be used in the calculation of your core GPA.
- Currently, division I uses a Sliding Scale to match test scores and core GPA's. The Sliding Scale can be found on page No. 10 of the Guide for the College-Bound Student-Athlete found at **www.eligibility center.org**.
- Division I GPA required to be eligible for competition on or after August 1, 2016, is 2.300.
- Division I TPA required to receive athletics aid and practice on or after August 1, 2016, is 2.000.
- The division II core GPA requirement is a minimum of 2.000.

Test Scores

- Division I uses a sliding scale to match test scores and core grade-point averages (GPA).
- Division II requires a minimum SAT score of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes only the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a sum of the following four sections: English, mathematics, reading and science.
-

To view the Division I Sliding Scale, visit **www.eligibilitycenter.org**and enter as an NCAA college-Bound Student-Athlete. Then, click the "Resources" tab, then "U.S. Students" and finally, "Eligibility Quick Reference Sheet".

When you register for the SAT or ACT, use the NCAA Eligibility Center code of 999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.

DIVISION I **16 Core Courses**	**DIVISION II** **14 Core Courses**	**DIVISION II** **14 Core Courses** **(2013 and After)**
4 years of English 3 years of mathematics (Algebra I or higher) 2 years of natural/physical sciences (1 year of lab if offered by high school 1 year of additional English, mathematics or natural/physical science 2 years of social science 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy)	3 years of English 2 years of mathematics (Algebra I or higher) 2 years of natural/physical science (1 year of lab if offered by high school.) 2 years of additional English, mathematics or natural/physical science 2 years of social science 3 years of additional courses (from any area above, foreign language or comparative religion/philosophy)	3 years of English 2 years of mathematics (Algebra I or higher) 2 years of natural/physical science (1 year of lab if offered by high school.) 3 years of additional English, mathematics or natural/physical science 2 years of social science 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy)

REGISTRATION WORKSHEET

List classes that you will be taking for the coming school year so that you will know what classes you signed up for.

DON’T FORGET YOUR REQUIRED COURSES!

FALL TRIMESTER

_____ _____
_____ _____
_____ _____
_____ _____

WINTER TRIMESTER

_____ _____
_____ _____
_____ _____
_____ _____

SPRING TRIMESTER

_____ _____
_____ _____
_____ _____
_____ _____

INDEPENDENT STUDY – EXTERNAL & INTERNAL

Alternative Methods of Earning Credits at AVHS

Independent Study Outside of AVHS (External)

Sometimes students wish to enroll in programs outside of AVHS for which they want to receive credit toward graduation. These are usually organized programs offered by recognized educational institutions that help students expand their education and experience.

Examples of programs already recognized by AVHS include the Zoo School (an independent research program offered through the Minnesota Zoo) and Concordia Language Villages (world language summer camps offered by Concordia College).

Any student wishing to earn Independent Study credit toward graduation other than from the above mentioned programs or from a program not currently recognized by AVHS must complete the following process prior to enrolling.

1. Student obtains the external Independent Study form from his/her counselor.

2. The student discusses the specifics of his/her plan with their counselor.

3. Student completes the form and obtains signatures of parent, counselor and assistant principal.

4. The counselor brings the plan to a committee for approval, revision and determination of credit value.

5. Upon successful completion of the Independent Study project, the committee notifies the counselor who enters the credits onto the student's permanent record.

Independent Study Within AVHS Departments (Internal)

Students wishing to earn Independent Study credit by conducting an independent project, study or activity under the supervision of an AVHS staff member should complete the following process:

1. Student obtains an Internal Independent Study form from his/her counselor or the department coordinator. The form is to be **returned to the counselor prior to schedule changes** of the trimester for which the Independent Study is requested. Students may do one Independent Study for credit per trimester.

2. Student completes the form and obtains signatures of parent, department coordinator and counselor. Completed forms are returned to the counselor.

3. Student conducts the Independent Study project/activity under the supervision of the supervising teacher.

4. The Independent Study program must include a minimum of 60 hours of work to receive 1 trimester credit. Partial credit is not awarded.

5. Upon successful completion of the Independent Study project, the supervising teacher completes the grade sheet.

6. The grade for the Independent Study activity is entered onto the student's permanent record.

Art Education

VISUAL ARTS: A PROGRAM OF STATE AND NATIONAL DISTINCTION FOR EXCELLENCE

Fulfills the Minnesota High School Arts Graduation requirement and

The visual arts program provides a journey of artistic discovery for creative self-expression and personal fulfillment and for developing right brain functions considered essential for tomorrow's leaders, inventors, thinkers, and artists. The program also provides important preparation for future success in an information society that emphasizes visual imagery for communication. Study in the visual arts begins with three trimesters of exploratory art experiences followed by 12 one-trimester courses of in-depth study in Digital Art & Animation, Ceramics, Illustration, Drawing, Creative Dimensions, Jewelry, Painting, Photography, Printmaking, and Sculpture. Further advanced study is available in all areas with two additional levels of study offered. Also available for the seriously interested college bound art student is advanced placement college credit through enrollment in Portfolio on an instructor permission basis.

All students entering the AVHS Visual Arts Program for the first time and who have not completed an equivalent course begin with enrollment in Introduction to Art. Those art students wishing to enter two-dimensional in-depth study areas (Painting, Drawing, Creative Dimensions, Printmaking, and Photography) enroll in 2-D Art after completing Introduction to Art. Those art students wishing to enter three-dimensional in-depth study areas (Digital Art & Animation, Ceramics, Jewelry, and Sculpture, Graphic Design and Creative Dimensions) enroll in 3-D Art in addition to Introduction to Art. Those electing either Creative Dimensions or Graphic Design must complete Introduction to Art and either 2-D Art or 3-D Art.

The Introduction to Art, 2-D Art and 3-D Art foundation courses provide opportunity to meet the needs of both the generally interested student and the student interested in in-depth study. The foundation courses offer interest exploration in a broad range of media contributing to student creativity, perceptual awareness, non-verbal communication skills, and cultural appreciation.

Advanced Placement in the visual arts program is available for the unique student who desires enrollment in in-depth courses but has not met prerequisite requirements. To be eligible for advanced placement and exemption from any prerequisites, the student must demonstrate art background competencies, media exposure, and interest maturity sufficient to succeed in selected in-depth courses of study. Applications for advanced placement are available from the visual arts department coordinator.

Advanced Study in Levels 2 and 3 provide students in grades 10-12 an opportunity for further growth in any selected area through re-enrollment in a chosen subject area at a higher level. Students eligible for study in levels 2 or 3 are those who have completed the foundation course requirements and any first level in-depth course (Graphic Design, Ceramics, Illustration, Drawing, Creative Dimensions, Jewelry, Painting, Photography, Printmaking, and Sculpture) in which they desire additional study. The student may earn no more than two additional credits in any such upper level course through re-enrollment in level 2 and 3 except for an additional level in Photography.

Instructor and Art Coordinator Consent is required for enrollment in Advanced Placement Studio Art, for portfolio preparation. To request enrollment permission ask for a consent form from the visual arts coordinator. The completed form must then be submitted to your counselor at the time of registration.

A donation may be requested in the visual arts department for some reusable materials kept by students in Creative Dimensions, Painting and Jewelry course, for photography print paper and for those materials used in any other art class in excess of course requirements.

2-D Art 1006
Grades: 9-12
Prerequisite: Successful completion of Introduction to Art
2-D Art is required of all art students preparing to enroll in Graphic Design, Painting, Drawing, Photography, Digital Arts, Printmaking or wish to continue development of their creative imagination and visual communication skills. Emphasis is placed on the development and creative application of graphic and compositional skills through two-dimensional art experiences in media areas that may include pencil, charcoal, scratchboard, ink, water color, printmaking and the history of art. Forms under study cover still life, portraiture, human figures, landscape elements, perspective and man-made environments.

3-D Art 1009
Grades: 9-12
Prerequisite: Successful completion of Introduction to Art
3-D Art is required of all art students preparing to enroll in Ceramics, Sculpture, Jewelry and Creative Dimensions or wish to further develop their ability to creatively create or conceptualize in three-dimensional form. Emphasis is placed on the creative application of design to three-dimensional art forms that may include realistic and abstract sculpture, ceramic relief sculpture and pottery, and plaster and wax sculpture.

Advanced B/W & Digital Photographic Techniques 1078
Grades: 11-12
Prerequisite: Introduction to Art, 2-D Art, Level 2 & 3 Photography
This course offers an additional level of advanced study for the seriously interested photographic student. Students will be introduced to new photographic accessories, techniques, and processes through study of commercial and photojournalism photography, photo silkscreen printing, photo etching, large format poster printmaking, digital photography and Photoshop image manipulation.

Ceramics 1031
Grades: 10-11-12
Prerequisite: Introduction to Art and 3-D Survey Art
Ceramics offers an in-depth opportunity to explore clay as a creative and expressive medium from hand-built to wheel thrown vessels. The course emphasizes creative and personal solutions to merging vessel function and visual quality together in vessel design. The study includes experimentation with slip casting, raku firing, varied clays from stoneware to porcelain, varied glazes from underglazes to overglazes, and review of ceramic design from the past to the present.

Creative Dimensions 1049
Grades: 10-11-12
Prerequisite: Introduction to Art and either 2-D Art or 3-D Art
Creative Dimensions provides a hands-on exploration, not offered in other visual arts courses, of varied media, techniques, and ideas of the world's greatest dreamers and artists of yesterday and today. Experimental creative expression choices will include work with tie-die, fabric painting, batik, weaving, soft sculpture, paper marbling, papermaking, book making, printmaking, and mosiac and glasswork. *A donation for some materials used may be required.

Digital Art and Animation/Level 1 1013
Grades: 9-12

Prerequisite: Successful completion Introduction to Art and either 2-D Art or 3-D Art
Digital Art introduces students to a variety of creative projects using professional imaging software. 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 1043
Grades: 10-11-12
Prerequisite: Introduction to Art & 2-D Art
This course will explore right brain drawing techniques building student graphic ability to creatively express their ideas and feelings through line and varied media. Materials used will include pencil, chalk, charcoal, water color, ink, crayons and colored pencils. A wide range of subject matter will be studied including the human portrait and figure, architectural and landscape perspective, wildlife, natural forms, man-made forms, still life, and study of the great masters of drawing past and present.

Introduction to Art 1001
Grades: 9-12
Prerequisite: None
Introduction to Art is required of all students entering the high school visual arts program for the first time and is recommended for the student with both a general or in-depth interest in visual arts communication. Emphasis is placed on creative design problem solving, exploration of student artistic interests and on understanding design through study of abstract, natural and man-made forms. Media directions of study may include drawing, painting, sculpting, calligraphy, three dimensional studies and the history of art. This course significantly contributes to the development of student creative imagination, art appreciation and visual communication skills.

Digital Art and Animation/Level 2 1017
Grades: 9-12
Prerequisite: Introduction to Art & 2-D Art
Digital Art introduces students to a variety of creative projects using professional imaging software. 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.

Digital Art and Animation/Level 3 1021
Grades: 9-12
Prerequisite: Introduction to Art, 2-D Art and/or 3-D Art, and Level 2 Graphic Design

Digital Art introduces students to a variety of creative projects using professional imaging software. 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.

Level 2/Ceramics 1033
Grades: 10-11-12
Prerequisite: Introduction to Art, 3-D Art and Ceramics

Level 2/Creative Dimensions 1051
Grades: 10-11-12
Prerequisite: Introduction to Art, 2-D Art or 3-D Art, and Creative Dimensions

Level 2/Digital Photography 1070
Grades: 10-11-12
Prerequisite: Introduction to Art, 2-D Art, and Photography
This course gives students the opportunity to explore the rapidly growing world of digital photography. Students will learn how to use the functions of a digital camera to create their own professional looking images as well as how to enhance them and create unique effects using the premier digital imaging software program, Adobe Photoshop.

Level 2/Drawing 1045
Grades: 10-11-12
Prerequisite: Introduction to Art, 2-D Art and Drawing

Level 2/Painting 1063
Grades: 10-11-12
Prerequisite: Introduction to Art, 2-D Art, and Painting
Level 2 painting studio class provides exploration of oil painting and an opportunity to improve acrylic and/or watercolor painting skills as well as develop ones own painting style. Subject matter of study will be open for student choice.

Level 3/Ceramics 1035
Grades: 10-11-12
Prerequisite: Introduction to Art, 3-D Art and Level 2 Ceramics

Level 3/Creative Dimensions 1053
Grades: 10-11-12
Prerequisite: Introduction to Art, 2-D Art or 3-D Art, and Level 2 Creative Dimensions

Level 3/Photography (Film & Digital) 1075
Grades: 10-11-12
Prerequisite: Introduction to Art, 2-D Art, and Level 2 Photography

Level 3/Drawing 1047
Grades: 10-11-12
Prerequisite: Introduction to Art, 2-D Art and Level 2/Drawing

Level 3/Painting 1065
Grades: 10-11-12
Prerequisite: Introduction to Art, 2-D Art, and Level 2 Painting
Level 3 offers students the opportunity to continue breadth and depth of study in painting, as well as explore their own style through studies of historical painting styles and new and mixed media.

Painting 1061
Grades: 10-11-12
Prerequisite: Introduction to Art and 2-D Art
This painting studio course will explore watercolor, egg tempra & acrylic painting as well as a variety of other creative painting materials and techniques. Subject matter will cover landscape, still life, portrait, and abstraction, along with study of painting styles and artists from the past and present.

Photography (Black/White) 1067
Grades: 10-11-12
Prerequisite: Introduction to Art and 2-D Art
This basic black and white photography course offers a foundation study of 35mm camera operation, film development, and negative enlargement printing. Expressive photographic decision making and creative darkroom techniques will be emphasized through photography of varied subject matter including human interest candids at all age levels, still lifes, architecture and cityscapes, wild life, landscape, portraiture, and action photography.

AVID

AVID - Advancement Via Individual Determination) is a full year course devoted to preparing students for college experience. Mondays and Wednesdays, students work on organization and study skills; critical thinking and discussion; and WICOR methodologies (Writing, Inquiry, Collaboration, Organization, Reading). On Tuesdays and Thursdays, students work in Collaborative Study Groups with an adult facilitator. On Fridays, students intermittently go on field trips (college visits, cultural field experiences, and/or work experience), listen to guest speakers, and participate in team building activities. This course is for elective credit. An application and interview process is required if students are not already part of the program.

Students must have counselor`s permission to register for Early Grad.

Students must have counselor`s permission to register for Early Grad

Business and Marketing Education

Welcome to the Apple Valley High School Business Department. Students who plan to enter any area of the business world should carefully review our course offerings to decide which courses will best meet their needs for high school, post high school education, employment and/or personal use.
Business education can provide **ALL** students with the skills necessary to survive life after high school. Depending on what a student plans to do when they graduate; go to college or get a job - the Business Department can help. A student can actually earn college credit by enrolling in several courses (Keyboarding Computer Applications, Accounting, and Marketing). We are in the**BUSINESS** of preparing students for their future. All of our courses are beneficial to all students, college bound or not.

The Business and Marketing Department offers a curriculum designed to meet the needs of students in three broad categories by:

1. Providing students with information about the contemporary business world and the economic system.
2. Providing students with personal-use skills, including familiarity with computers and software applications.
3. Preparing students with marketable skills and post-secondary education.

Students who plan to enter any area of the business world should carefully review the course offerings to decide which courses will best meet their needs for post-high school education, employment and/or personal use. Apple Valley High School offers the Marketing Education Program, which prepares students for marketing and sales careers. This program offers selected seniors the opportunity to combine in-school instruction with on-the-job training.
Articulation Agreements
Apple Valley High School has articulation agreements with the Dakota County Technical College which allow students who complete certain business courses at AVHS to receive college credit at DCTC for corresponding courses. For most agreements there is a regional component wherein students earn credit at Minnesota State Colleges also.

AVHS Courses	**DCTC Courses**
Business Management 1, 2	Introduction to Business
Accounting	Principles of Accounting
Keyboarding 1, 2	Keyboarding
Advanced Accounting	Principles of Accounting

****Students who take Keyboarding Computer Applications 1, 2, 3 have the opportunity to earn three college credits for this course from Inver Hill Community College. The college credits for this course may transfer to another college or university that the student chooses to attend in the future****

BUSINESS COURSE OFFERED AT APPLE VALLEY

Class Name	Keyboarding Computer Applications	Intro to Business	Personal Money Management	Accounting	Advanced Accounting	Marketing	Marketing 2	Sports Marketing	Business Management	Business Law
Grade Level	9-12	9-12	10-12	10-12	11-12	10-12	11-12	10-12	10-12	10-12
College Credits Available	3			3	3					
Meets Art Standard						X				
All students attending AVHS should take	X		X							
All Students Planning to work full time after high school should take:	X	X	X							
All students planning on attending a 4 year college as a non business major should take:	X		X							
All students planning on attending a four year college with possible plans as a business major should take:	X	X	X	X		X			Highly Recommended	Highly Recommended

BUSINESS SPECIFIC MAJORS

Accounting	X	X	X	X	X	X			X	X

Advertising	X	X	X	X		X	X		X	
Entrepreneurship	X	X	X	X		X	X		X	X
Finance	X	X	X	X	X				X	X
Human Resources	X	X	X	X		X			X	X
International Business	X	X	X	X		X			X	X
Management	X	X	X	X	X	X	X		X	X
Marketing	X	X	X	X		X	X	X	X	X
Sports Marketing	X	X	X	X		X	X	X	X	

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

º Successful completion of Marketing A (Fall) satisfies the 1 credit "Art" requirement

º Students have the opportunity to earn concurrent college credit through Inver Hills Community College by successfully completing the following full year AVHS Business Classes: Keyboarding Computer Applications, Accounting and Marketing.

º These credits may be transferred to other Universities of students choice.

Accounting F-1521, W-1522, S-1523
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 reallyearns. 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.

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.

Business Management 1 1535
Grades: 10-11-12
Prerequisite: None
Students will gain an understanding of the characteristics and organization of business and entrepreneurship. Topics will include types of business, business organization, marketing, purchasing, and the global economy. Operating a business today in the global market place, whether the local gift shop or a widget factory, with different and changing economic structure and technology will be examined. Guest speakers from related fields will add to classroom curriculum and discussion.

Microeconomics College in the Schools - CIS Economics F-1691, W-1692
Grade: 12
Prerequisite: None (Counts for social studies graduation credit.)
CIS Microeconomics is a course that deals with consumer behavior, production decisions of business firms, and markets, environmental economics and the economic roll of the government. The major emphasis of the course will be on economic concepts and their application to current issues. This course will also provide high school students who are in the top 20% of their class with a college course within the high school setting that will also meet the standards established for a mandated economics course. Provides curricula written in direct response to the economic standards and allows the students and instructor to enjoy the benefits of a relationship with the University of Minnesota, while remaining in the high school. Students will have dual registration for the course through the University of Minnesota as well as AVHS. Students receive their grade for this course from the University of Minnesota as well as their own high school, without having to take a test at the end. The three college credits for this course can be transferred to another college or university that the student chooses to attend in the future.

Microeconomics College in the Schools - CIS Economics F-1691, W-1692
Grade: 12
Prerequisite: None (Counts for social studies graduation credit.)
CIS Microeconomics is a course that deals with consumer behavior, production decisions of business firms, and markets, environmental economics and the economic roll of the government. The major emphasis of the course will be on economic concepts and their application to current issues. This course will also provide high school students who are in the top 20% of their class with a college course within the high school setting that will also meet the standards established for a mandated economics course. Provides curricula written in direct response to the economic standards and allows the students and instructor to enjoy the benefits of a relationship with the University of Minnesota, while remaining in the high school. Students will have dual registration for the course through the University of Minnesota as well as AVHS. Students receive their grade for this course from the University of Minnesota as well as their own high school, without having to take a test at the end. The three college credits for this course can be transferred to another college or university that the student chooses to attend in the future.

Introduction to Busines 1527
Grades: 9-12
Prerequisite: None
What is business? Why study business? This one trimester course will introduce you to the world of business and marketing and help prepare you for the economic roles of consumers, worker and citizens. This course will also serve as a background for other business and marketing courses you may take in high school and beyond. Areas to be researched will be: careers, ethics, sales and marketing, banking and finance, computers and technology, management and communications (presentations).

Keyboarding Computer Applications 1 1501
Grades: 9-12
Prerequisite: None
This is a beginning course in keyboarding with the goal of developing a lifelong skill at the computer. Students will be taught the touch method of keyboarding and proper techniques will be emphasized as students develop speed and accuracy at the keyboard. Students will also learn how to format memorandums, letters, tables, and outlines while applying proofreading skills and correction techniques. Keyboarding is a valuable skill for everyone, regardless of his or her future plans. It is important to have a basic skill (at least two trimesters) for post high school pursuits and to accurately prepare documents for high school and beyond.

Keyboarding Computer Applications 2 1505
Grades: 9-12 (One trimester course)
Prerequisite: Passing grade in Keyboarding and Computer Applications 1
Keyboarding 2 continues the development of speed and accuracy through the word processing and formatting of reports and the introduction of spreadsheets. Word processing will enhance letter production by performing customizing envelopes and labels. Completing a second trimester of keyboarding assures the student of having adequate skills for preparing high school and college papers.

Keyboarding Computer Applications 3 1509 Grades: 9-12 (One trimester course)
Prerequisite: Passing grade in Keyboarding Computer Applications 2 Keyboarding Computer Applications focuses on how information is processed by computers in the world of business. It will acquaint students with how data is processed and the changes being made in information processing. The course offers basic know of automated information processing systems encountered in the business world through the use of software programs such as Access, PowerPoint, Dreamweaver, Fireworks, Flash, and Photoshop. An understanding of the principles underlying computer hardware and software, telecommunications, computers in business, ethics and social issues, computer security, and future trends will be discussed as well.

Must have teacher permission.

Marketing Education 1 F-1552 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. 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**NOTE: Successful completion of this course satisfies the 1 credit "Arts" requirement.**

Personal Money Management – Careers, Investing, Consumer Education F-1532, W-1533, S-1534
Grades: 10-11-12
Prerequisite: None
Careers - This course is designed to prepare students for life outside of high school and increase awareness of the challenges associated with the working world. Topics covered include the assessment of aptitudes and interests, goal setting, career research, planning for a career, resumes, cover letters, interviews, thank-you letters, getting the job, keeping the job, employee rights and responsibilities, paychecks, and checkbooks.

Investing - This part of the course is designed to prepare students for life outside of high school and increase awareness of the challenges associated with managing personal finance. Topics covered include banking services, saving for the future, planning for retirement, investing, and the basics of the stock market
Consumer Education -This course is designed to prepare students for life outside of high school and increase awareness of the challenges associated with consumer decision making. Topics covered include mortgages, housing, buying a car, financing options, consumer protection, insurance, taxes, credit, and other topics associated with consumer decision making.
Personal and Money Management is HIGHLY RECOMMENDED for all Apple Valley High School students in grades 10-12.

Sports and Entertainment Marketing 1543
Grades: 10-11-12
Prerequisite: None
Students will have a unique opportunity to learn the behind-the-scenes careers involved in Sports/Entertainment Marketing. The course will involve studying the 5 P's of marketing, market research techniques, the promotional mix, advertising, sales promotion, personal selling, publicity and new product development. Students will do hands-on marketing projects such as fantasy sports or development of a new franchise/business.

Yearbook 1 F-1591, W-1592, S-1593
Grades: 9-10-11-12
Prerequisite: Permission of Instructor
Beginning Yearbook studies include journalistic copy writing for an in-house publication, photo journalism, layout and design, and marketing the publication. Students will work independently with practice exercises in feature layouts, learn how to prepare for and conduct an effective interview and tie in photographs to support the story. Classroom instruction will emphasize proper format and rationale for what a good yearbook is, and learn what a "ladder" is.

During trimester 2, students will use Adobe Creative Suite 2 to assemble yearbook pages electronically and edit them. Classroom instruction will focus on the sections of the yearbook and preparing spreads for publication. Students will experience "real life" deadline schedules and working with a professional publishing company.

The final trimester will focus on developing a yearbook theme, learning what comprises a good overall theme for an in-house publication. Following good magazine format, students will learn how to use section and division pages and page folios to use the theme throughout the book. All students will be required to complete for publication an actual Yearbook spread and work on the spring supplement. Co-curricular activity time will be necessary to complete assignments and work with second year staff.

Yearbook 2 F-1594, W-1595, S-1596
Grades: 10-11-12
Prerequisite: Permission of Instructor
Second year Yearbook students have assigned positions on the staff with specific responsibilities in the production process. These will include marketing and sales, layout and design, copy, photography coordination, develop, read, and edit, set up specifications on the computer programs, schedule and maintain deadlines, and contacting past and potential advertisers. Time outside of class as a co-curricular activity is required.

During the second trimester, the Yearbook 2 emphasis will be on management within one area of responsibility and on teamwork. Coordinating assignments with copy and photography in a customized layout will require knowing each staff member's role, and meeting deadlines. Students will organize and prepare for publication of student portraits, research and complete five features for the Academic Division, and part of the Sports Division. Grad ads will be compiled and processed for publication. Time outside of class as a co-curricular activity is required.

The final emphasis during trimester 2 will focus on meeting two Yearbook deadlines including proofing and editing the Index section. Business staff will work with advertisers to create and publish approved ads. The final project will be to create an appropriate cover design and theme and develop it on the Division, Section and page folios. Students will organize and coordinate the distribution of the yearbook in late May and work on the Spring Supplement. Time outside of class as a co-curricular activity is required.

Yearbook 3 F-1597**,** W-1598, S-1599
Grades: 11-12
Prerequisite: Permission of Instructor
This course is designed for third year Yearbook students/staff with the responsibility of an Editor. Work outside of school as a co-curricular activity is required. Budget and personnel management is a major focus along with final responsibility for completion of pages for deadlines. Students will proof and edit, and ship pages

from computer work done by staff members.

During trimester 2, they will meet with the publisher's representative and coordinate assignments with staff. Students will work with staff in their editorial positions and meet two publication deadlines. When the proof sheets from the first deadline are returned by the publisher, the editors will proofread them and return them to the publisher. Co-curricular work outside of the class is required. The final trimester will have students will team with the teacher/advisor in training and evaluating for promotion second and/or first year staff members. In addition to their editorial responsibilities, editors will work in a mentor role with other staff. They will complete the final pages for the current book, assist in developing the following year's theme and cover design and oversee the distribution of the yearbook in late May. Co-curricular work outside of class is required.

Career Development and Enrichment Opportunities

Career Development classes are designed to take students into the 21st Century international workforce. Business and community leaders across the nation indicate that students must have a sound academic background combined with the ability to apply what they have learned to succeed in the workforce. The Career Development courses will help students select career areas on which to focus that can lead to appropriate post-secondary training with no limitations on level of advanced degree to which a student might aspire.

Registration: Students will select the courses through the regular registration process in their high schools. Students may select offerings at any of the District 196 sites as indicated. Course descriptions are found in the Career Development Registration Guide supplement or see your counselor.
Transportation: Transportation will not be provided for students who register for a course at a site other than their resident high school.

Availability: Classes will operate on a space available basis with priority for seniors followed by juniors.

Advanced Digital Film Factory 7743-A, 7744-B, 7745-C

Grade:11, 12\Site: Rosemount High School

Length: Two Periods, One Trimester

EXPERIENCE THE ART OF FILMMAKING! This advanced program is designed for students who want to take their filmmaking to the next level. Students have the opportunity to develop their production knowledge in the areas of Cinematography, Special Effects, Animation, and DVD authoring. Students will go on location with professional 24p HD cameras. Utilizing boom microphones, professional lighting kits, Jib Crane and Steadi-Cam equipment students will create professional quality films. Editing with industry standard Final Cut Studio Pro and Adobe Creative Suite products, students will learn advanced video and film production techniques. Get connected to the world of filmmaking through industry professionals and field trips. Have your films debuted on the big screen at area festivals including the District 196 Film Festival at the Imax Theatre. **Successful completion of this course, Advanced Digital Film Factory A, B or C, satisfies the one credit Minnesota "Arts" graduation standard.**

7759 Advanced Hospitality and Tourism A
7760 Advanced Food Services and Lodging Administration B
7761 Advanced Leadership in Event Planning C
Grade: 12
Prerequisite: See Below
Site: Eagan High School
Length: Two Periods, Offered by Trimester Only or Full Year
Advanced Hospitality and Tourism
Are you interested in looking deeper into how to manage a travel business? In this course students will look at factors in creating a business, how to project sales, and look at management how-to's. Students will be able to work independently on a topic that is of interest. Students will design facilities for tourists, and create a destination to sell.
Prerequisite: Travel and Tourism A
Advanced Food Services and Lodging Administration
Does running a restaurant or lodging facility sound like a fun career for you? Students will learn how to create a recipe to sell, how to manage food production, how to manage services within lodging facilities, and how to design facilities for food and lodging. We will also take a look at production schedules and how to interpret break even analysis.
Prerequisite: Restaurant and Lodging Management B
Advanced Leadership in Event Planning
If you enjoyed planning the graduation party in the first year of Hospitality Management, the next step may be to spend a whole trimester looking at pursuing a career in event planning. We will look at designing space, ways to sell events, and learn how to manage event planning. You may also have an opportunity to do a work study and to get hands-on experience.
Prerequisite: Sports Marketing, Event Planning and Gaming Management C

Advanced Medical and Health Care 7765-A, 7766-B, 7767-C
Grade: 12
Site: Rosemount High School
Prerequisite: Medical and Health Care A-C
Length: Two Periods, Full Year
Students will learn and apply the principles and processes of health, medical and human performance sciences in a classroom and lab setting. Students will apply core academic and career specific technical skills to explore health-related careers within the individual's selected target careers.

Advanced Forensic Science 7753-A, 7754-B, 7755-C
Grade: 12
Site: Rosemount High School
Prerequisite: Forensic Science A-C
Length: Two Periods, Full Year
Students who take Advanced Forensic Science have the opportunity to select one topic of interest within the forensic field to investigate in depth. Since forensics procedures are constantly being challenged in court (called a Daubert challenge) the task for the student in this course will be to take a close look at one of the protocols in forensics, find its strengths and weaknesses with regard to Daubert standards, and add to the current body of information about it. Research of a particular topic will include a review of the Daubert ruling, a literature search of the topic of interest, interaction with an expert in the field, designing and carrying out a scientific experiment to expand the body of knowledge of the topic, and presentation of findings to one of the forensics classes. In addition, students will be asked to use their knowledge of forensics to help create one mock crime scene during the trimester and facilitate the processing of that scene by Forensic Science class members.

Advanced Emergency Services C 7749
Grade: 12
Prerequisite: Emergency Medical Services A
Site: Rosemount High School
Length: Two Periods, Spring Trimester
This section of the course will prepare students to take the written and practical skills test required for certification by the Minnesota Emergency Medical Services Board as an Emergency Medical Technician. This certification is the basic level required for ambulance drivers in the State of Minnesota. This section of the course is worth 5 credits at any MNSCU college which offers the program.
As a part of the EMS training each student will be required to have completed and passed a CPR course at the Professional Rescuer level and received First Responder certification through the Minnesota Emergency Medical Services Regulatory Board. This course will refresh the skills learned in the first trimester of Emergency Services Occupations and will also add the required knowledge needed in order to pass the National Registry of Emergency Medical Technicians written exam.
The evaluations in the course will include the following:
-State Evaluator score earned as part of the EMT Practical Skills Test (8 stations).

-The score received after taking the FISDAP computerized EMT preparation exam (150 questions).
The State of Minnesota requires all first time EMTs to pass the computerized test administered through the National Registry of Emergency Medical Technicians (NREMT). This test is given in Eagan and will cost $70 each time it is taken. The FISDAP preparation exam is 96% accurate in determining if the candidate is ready to take the NREMT exam. **Students who take Advanced Safety Careers C have the opportunity to receive six credits for this course from Inver Hills Community College and certification as an Emergency Medical Technician (EMT).**

Advanced Vehicle Services 7777-A, 7778-B, 7779-C
Grade: 12
Prerequisite: Vehicle Services A-C or Instructor Approval
Site: Rosemount High School
Length: Two Periods, Full Year
In Trimester one we will be covering advanced vehicle drive train systems. These include but are not limited to ABS brake systems, drive axle service, suspension and steering part replacement and rebuild, alignment and automatic transmission rebuild (using GM TH350). Students will design and complete a shop improvement project to gain a sense of ownership and responsibility.

In Trimester two students will perform a complete engine rebuild with a final result of the engine running on a designated stand. Students will likely be using a GM/CHV. 350. Students are permitted, but not required, to supply their own engines and components.

In the third trimester we will delve deeper into modern day ignition and fuel system diagnosis and repair. Students will spend time analyzing computer scan diagnostic information. Students will also work with electrical circuits to both troubleshoot and repair faults. Late model testing equipment and vehicles will be provided.

This advanced level course is project-based, hands-on and detail-oriented. The course requires successful completion of Vehicle Services A, B, and C as well as being a self-motivated, independent learner.

7710 Aviation and Ground School 7710-A, 7711-B, 7712-C
Grade: 11, 12
Prerequisite: None
Site: Eagan High School
Length: Two Periods, Full Year
Course Fee: $20 Material Donation

LEARN TO FLY HERE! Students will pilot full-scale aircraft numerous times during this course (all fl ight time is under the direct supervision of a certifi ed fl ight instructor). This course will develop the necessary skills and knowledge required to pass the FAA written exam for a private pilot's license. Topics covered include science of fl ight, systems and instruments, flight environment, meteorology, basic and radio navigation, aviation physiology, flight planning, decision-making, and FAA regulations. Lab experiences will focus on aviation construction and fabrication, including work on full-scale airplanes. In addition, aviation careers will be explored with a focus on job training and certification.

7710 Aviation and Ground School 7710-A, 7711-B, 7712-C
Grade: 11, 12
Prerequisite: None
Site: Eagan High School
Length: Two Periods, Full Year
Course Fee: $20 Material Donation

LEARN TO FLY HERE! Students will pilot full-scale aircraft numerous times during this course (all fl ight time is under the direct supervision of a certifi ed fl ight instructor). This course will develop the necessary skills and knowledge required to pass the FAA written exam for a private pilot's license. Topics covered include science of fl ight, systems and instruments, flight environment, meteorology, basic and radio navigation, aviation physiology, flight planning, decision-making, and FAA regulations. Lab experiences will focus on aviation construction and fabrication, including work on full-scale airplanes. In addition, aviation careers will be explored with a focus on job training and certification.

Civil Engineering Architecture and Digital Electronics 7728- 2A, 7729-2B, 7730-2C
Grade: 11, 12
Prerequisite: Solid Math & Science Preparation

Site: AVHS
Length: Two Periods, Full Year
This class consists of two PLTW courses; Civil Engineering and Architecture (CEA) and Digital Electronics (DE). Project Lead The Way (PLTW) courses are designed to address the shortage of engineering students at the college level and complement traditional mathematics and science courses for STEM (Science-Technology- Engineering-Math)-centered education and careers in STEM-related fields. In the PLTW Civil Engineering and Architecture (CEA) course, students learn aspects of civil engineering and architecture then develop designs of residential and commercial properties. Students use 3D architectural software to create the design solutions for major projects and present them to their peers. The Digital Electronics (DE) is the foundation of all modern electronic devices such as cell phones, MP3 players, laptop computers, digital cameras and HD televisions. Students are introduced to combinational and sequential logic design, engineering standards and technical documentation. Students have the opportunity to earn University of Minnesota college credit for this course. **Successful completion of this course, Engineering Design and Principles 2A, B or C, satisfies the one credit Minnesota "Arts" graduation standard.**

Civil Engineering Architecture and Digital Electronics 7728- 2A, 7729-2B, 7730-2C
Grade: 11, 12
Prerequisite: Solid Math & Science Preparation

Site: AVHS
Length: Two Periods, Full Year
This class consists of two PLTW courses; Civil Engineering and Architecture (CEA) and Digital Electronics (DE). Project Lead The Way (PLTW) courses are designed to address the shortage of engineering students at the college level and complement traditional mathematics and science courses for STEM (Science-Technology- Engineering-Math)-centered education and careers in STEM-related fields. In the PLTW Civil Engineering and Architecture (CEA) course, students learn aspects of civil engineering and architecture then develop designs of residential and commercial properties. Students use 3D architectural software to create the design solutions for major projects and present them to their peers. The Digital Electronics (DE) is the foundation of all modern electronic devices such as cell phones, MP3 players, laptop computers, digital cameras and HD televisions. Students are introduced to combinational and sequential logic design, engineering standards and technical documentation. Students have the opportunity to earn University of Minnesota college credit for this course. **Successful completion of this course, Engineering Design and Principles 2A, B or C, satisfies the one credit Minnesota "Arts" graduation standard.**

Computer Hardware, Software and Game Design 7731-A, 7732-B, 7733-C
Grade: 11, 12
Site: Rosemount High School
Prerequisite: None

Length: Two Periods, Full Year
Computer Hardware, Software and Game design presents an in-depth exposure to PC hardware, operating systems and video game design. The course will focus on the functionality, assembly and configuration of PC Hardware, the installation and configuration of Operating Systems, and introduction to Video Game Design through the use of online resources, hands-on activities, and labs. Students will also build a state of the art PC and learn to design and create game maps and levels for in-depth, hands-on projects. **Students who successfully complete Computer Hardwarem Software and Game Design A, B, C and Computer Networking Technology: CISCO A, B, C have the opportunity ti receive three credits from Inver Hills Community College.**

Computer Networking Technology: CISCO 7734-A, 7735-B, 7736-C
Grade: 11, 12
Prerequisite: Previous Computer Software or Hardware Experience
Site: Rosemount High School
Length: Two Periods, Full Year
The Introduction to CISCO Networking Technologies (INTRO) course based on the CISCO Networking Academy presents students with recognized industry standard training. Using text and graphics animation, students will learn basic networking terminology, internetworking concepts, and basic network routing and switching. In addition, students will complete hands-on projects such as wireless networking and home-made routers. **Students who take this course have the opportunity to receive three credits from Inver Hills Community College. After completing this course students will be prepared for the CISCO (641-821) INTRO exam.**

Digital Film Factory 7740-A, 7741-B, 7742-C
Grade: 11, 12
Site: Rosemount High School
Prerequisite: None
Length: Two Periods, One Trimester
Whether you're a beginner or experienced filmmaker this course will give you the opportunity to explore all aspects of the film industry. Student create short films for the internet, the big screen and DVD produced on both HD video and black & white super 8mm film. Students will have access to professional lighting, sound and camera equipment including: cranes, steadicam and boom mics. Students will study filmmaking theories and techniques by viewing and critiquing movies and short films and learn to enhance movies with special effects, animation and sound design to create feature movies. Students will learn to produce music videos, short films, special effect features and action sports videos utilizing industry standard Adobe Creative Suite software including After Effects. Submit your projects to area film festivals and network with local area producers, technicians and actors. Through field trips and industry presentations students will have the opportunity to experience the world of filmmaking first hand. Students are given release time during each project to film on location. Have your films debuted on the big screen at area festivals including the District 196 Film Festival at the Imax Theatre. Successful completion of this course, Digital Film Factory A, B or C, satisfies the one credit Minnesota "Arts" graduation standard.

Digital Film Factory 7740-A, 7741-B, 7742-C
Grade: 11, 12
Site: Rosemount High School
Prerequisite: None
Length: Two Periods, One Trimester
Whether you're a beginner or experienced filmmaker this course will give you the opportunity to explore all aspects of the film industry. Student create short films for the internet, the big screen and DVD produced on both HD video and black & white super 8mm film. Students will have access to professional lighting, sound and camera equipment including: cranes, steadicam and boom mics. Students will study filmmaking theories and techniques by viewing and critiquing movies and short films and learn to enhance movies with special effects, animation and sound design to create feature movies. Students will learn to produce music videos, short films, special effect features and action sports videos utilizing industry standard Adobe Creative Suite software including After Effects. Submit your projects to area film festivals and network with local area producers, technicians and actors. Through field trips and industry presentations students will have the opportunity to experience the world of filmmaking first hand. Students are given release time during each project to film on location. Have your films debuted on the big screen at area festivals including the District 196 Film Festival at the Imax Theatre. Successful completion of this course, Digital Film Factory A, B or C, satisfies the one credit Minnesota "Arts" graduation standard.

7746 Emergency Services: Medical Services A
7747 Emergency Services: Law Enforcement B
7748 Emergency Services: Fire Fighting C
Grade: 11, 12
Prerequisite: None
Site: Rosemount High School
Length: Two Periods, One Trimester
Course Fees: $20 Materials Donation

Law enforcement, firefighting and emergency medical service (EMS) careers demand quick thinking, adrenalin and sweat to answer the calls from individuals who need help or when responding to a natural or manmade disaster. Students will learn how to assess and treat wounded or sick patients while on scene by using all of the equipment found in an ambulance or rescue truck. This class also focuses on criminal investigative techniques, state traffic and criminal law, and gives students an inside view of the wide variety of law enforcement career choices offered by local, state and federal agencies. Another component of the class includes learning fire suppression techniques while in full firefighter turnout gear along with hazardous materials, incident management, and awareness level certification in responding to emergency situations. Students have several opportunities to earn college credit from Inver Hills Community College: Emergency Medical Services A offers three credits and Law Enforcement B offers three credits. Emergency Services courses also offer articulation agreements to various postsecondary institutions. Students will also have the opportunity to become certified at the state and national levels as an EMS First Responder (required for all police and firefighters in Minnesota) or as an Emergency Medical Technician (EMT).

Engineering Design and Principles 7725-1A, 7726-1B, 7727-1C
Grade 11,12
Prerequisite: Solid Math and Science Preparation
Site: AVHS
Length: Two Periods, Full Year
This class consists of two PLTW courses; **Introduction to Engineering Design (IED) and Principles of Engineering (POE)**. Project Lead The Way (PLTW) courses are designed to address the shortage of engineering students at the college level and complement traditional mathematics and science courses for STEM (Science-Technology-Engineering-Math)-centered education and careers in STEM-related fields. In the PLTW **Introduction to Engineering Design** (IED) course, students use industry standard 3D modeling software to help them design solutions to solve proposed problems, document their work using an engineer's notebook, and communicate solutions to peers. The Principals of Engineering (POE) course exposes students to major concepts encountered in post-secondary engineering programs. Topics include mechanisms, energy, statics, materials, and kinematics. **Students have the opportunity to earn University of Minnesota college credit for this course. Successful completion of this course, Engineering Design and Principles 1A, B or C, satisfies the one credit Minnesota "Arts" graduation standard.**

Forensic Science 7750-A, 7751-B, 7752-C
Grade: 11, 12
Prerequisite: None
Site: Rosemount High School
Length: Two Periods, Full Year
The forensic specialist's goal is to use all available information to determine the facts, and subsequently, the truth based on the evidence found at the crime scene. This course will define the scope of forensic science and introduce the student to career possibilities in forensic investigations. The enormous range of material challenges

the ingenuity of the forensic specialist who examines and identifies hair, fibers, blood, body fluids, stains, alcohol, drugs, paint, glass, soil, flammables, and identifies firearms and compares bullets, tool markings, and foot prints. The class will analyze the role of the investigator through the use of case histories and hands-on experienc

7756 Hospitality M'ment: Travel and Tourism A
7757 Hospitality M'ment: Restaurant and Lodging Management B
7758 Hospitality M'ment: Sports Marketing, Event Planning and Gaming M'ment C
Grade: 11, 12
Prerequisite: None
Site: Eagan High School
Length: Two Periods, Full Year
Do you picture yourself working with people, traveling, and having a fast paced career? The hospitality industry offers many of these opportunities, and is the largest service industry in the world. In this class, students will explore various careers related to the hospitality industry, including Food and Beverage, Culinary, Hotel and Restaurant Management, Travel, and Tourism, Cruise Lines, Casino Management, Sports Management, Event Planning and much more. Guest speakers and field trips are integral components of this course.

Introduction to Animal Science: College in the Schools 7701-A, 7702-B, 7703-C
Grade: 11, 12
Prerequisite: None
Site: School of Environmental Studies
Length: Two Periods, Full Year
Introduction to Animal Science would be of benefit to any student planning on entering the field of animal care whether it is with pets, livestock, or exotics. Students will gain valuable hands-on experience with animals. Course content will emphasize fundamental concepts of physiology, nutrition, animal breeding and management. Students will gain experience in classroom and lab settings with pets and companion animals, rabbits, horses, dairy cattle, swine, poultry, fish, and other animals**This course is a four semester credit college course offered through the University of Minnesota College in the Schools Program.** Requirements set by the University for enrollment include being in the top 50% of your class or instructor approval. If you are not in the top 50% of your class, but feel this course is a good fit, please contact the instructor.

Medical and Health Care 7762-A, 7763-B, 7764-C
Grade: 11, 12
Prerequisite: None
Site: Rosemount High School
Length: Two Periods, Full Year
Students will learn the principles and processes of the health, medical and human performance sciences in a classroom and lab setting. Through the study of basic anatomy, physiology and medical terminology, students will apply core academic and career specific technical skills to explore health-related careers in medicine, emergency medicine, nursing, sports medicine, physical therapy, exercise physiology, dietetics/nutrition, medical technical, laboratory sciences, biotechnology and medical research. Guest speakers, job shadowing and field trips are integral components of the course.

Mentor Field Experience - F-8008/W-8009/S-8010
Grades 11-12
Prerequisite: Mentor Seminar and instructor approval.
(Meets period 7 and immediately after school)
This two-credit course provides an opportunity for in-depth learning with a professional in a field the student selects. Students will observe, converse with, and work closely with their mentors at the mentor's work site. Students will define and produce a meaningful project under the guidance of their mentors and the field experience instructor. Students also meet with the instructor and other students to continue to develop and apply the skills gained in the seminar and to evaluate their field experience learning. This course offers academic challenge and requires a high level of student responsibility. Students must provide their own transportation to the mentor site.

Mentor Field Experience - F-8008/W-8009/S-8010
Grades 11-12
Prerequisite: Mentor Seminar and instructor approval.
(Meets period 7 and immediately after school)
This two-credit course provides an opportunity for in-depth learning with a professional in a field the student selects. Students will observe, converse with, and work closely with their mentors at the mentor's work site. Students will define and produce a meaningful project under the guidance of their mentors and the field experience instructor. Students also meet with the instructor and other students to continue to develop and apply the skills gained in the seminar and to evaluate their field experience learning. This course offers academic challenge and requires a high level of student responsibility. Students must provide their own transportation to the mentor site.

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Must have permission from instructor to have 8th hour mentor in schedule.

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Must have permission from instructor to have 8th hour mentor in schedule.

Mentor Field Experience F-8005/W-8006/S-8007
Grades: 11-12
Prerequisite: Mentor Seminar and Mentor Program Coordinator Approval
Length: Two Periods, UOne TrimesterU Fall, Winter, Spring*
Credits: 2*
On-site Mentorship with a career professional is a blueprint for high performance. This course is experience based. You go beyond the "traditional" classroom experience into the professional's world and gain exposure to the procedures and equipment associated with your field of choice. In addition to a weekly class session with your instructor 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. Under special, pre-approved circumstances, the course may be taken for one period instead of the two hour block. Students generally select the trimester with the fewest co-curricular conflicts to allow greater scheduling and travel flexibility with their mentorship. Discuss options with your guidance counselor and/or with Mrs. Wycoff. *Prerequisite – Mentor Seminar and instructor appr

Mentor Seminar F-8001/W-8002/S-8003
Grades: 11-12
Prerequisite: Application and Mentor Program Coordinator Approval
Length: One Period, One TrimesterU Fall, Winter, Spring*
Credits: 1*
Access to professionals is critical for students to determine the career that best suites them. This course is designed to meet that need. With the instructor, you will formulate a personalized college and career plan. You will gain exposure to personality and career strength inventories. College selection and planning strategies are explored. Students design a project based on their field of interest. For students who can only fit one of the two mentor program cuorses into his or her schedule, this course is a great "stand alone course" for juniors and seniors to help you make important decisions regarding college and careers. It is also the prerequisite for Field Experience where you are placed with an individual career mentor in your field of choice. Because juniors have two years to complete the program, they have the option of taking Field either during their junior or senior year. This course promotes independent learning skills and is designed for the college bound student.

Music Production 7768-A, 7769-B, 7770-C
Grade: 11, 12
Prerequisite: Potential Application based on enrollment
Site: School of Environmental Studies
Length: Two Periods, Full Year
This full year course is designed for the serious student who wants to explore career options related to the music recording/production industry. Through class work, independent projects, and solo or ensemble rehearsal, students will learn the skills, theory, and techniques of music recording and production. Students should have some previous training in music—either vocal or instrumental. Using today's music studio technology and techniques, students will create recorded works in many different styles. In addition, a selection of industry professionals will serve as guest instructors.
**Students must enroll in sections A and B in order to participate in section C. At the end of section C, students will have the opportunity to take a project through the pre-production, recording, editing, mixing, and mastering processes.

Music Production 2 7771-2A, 7772-2B, 7773-2C
Grade: 11, 12
Prerequisite: Music Production 1A-1C or Instructor Approval
Site: School of Environmental Studies
Length: Two Periods, Full Year
The Music Production 2 class is for those students who are dedicated to making a career in music production. In this class, students will spend more time with audio systems purchase/setup/care, in-depth knowledge of microphones/recording techniques, and advanced production techniques. Students will be expected to research and apply technical recording and production concepts as they work on larger scale projects. Students will finish the class by presenting a portfolio of their work that demonstrates their knowledge of music production.

Vehicle Services 7774-A, 7775-B, 7776-C
Grade: 11, 12
Prerequisite: None
Site: Rosemount High School
Length: Two Periods, Full Year
A car is the second largest expense most people will incur. One in four careers today is transportation related. Taking the Vehicle Services course, you will explore the skills needed to maintain automobile ownership and succeed in these rapidly changing careers. From routine maintenance to full fledged restoration and modification, Vehicle Services teaches you theory, estimating, repair and troubleshooting of today's cars. This course will focus on ignition and fuel systems, engines, drivetrains, suspension and brakes. You will learn using the newest test equipment, tools, and our Mustang chassis dynometer. Students will work on live applications, both personal and school supplied. No drivers license is required. Don't miss this opportunity to learn about this profitable industry and more about your car. The student is not expected to have a car of his/her own to work on, but is expected to occasionally have access to a borrowed car to work on. Students will be working in teams on all labs. Trimester two is our engine rebuilding unit. Students are expected to provide an engine; however school engines can be provided for students who cannot locate one.

Zoo University: Animal Care 7707-A, 7708-B, 7709-C
Grade: 11, 12
Prerequisite: None
Site: School of Environmental Studies
Length: Two Periods, Full Year
This course will feature basic care and management of animals as pets, in zoos and aquariums, and in the wild. A special emphasis will be placed on freshwater and saltwater aquatic species. Students will visit the Minnesota Zoo and examine animal exhibits to learn about captive and wild animal management. Career areas explored include aquarium keeping, life support, dolphin training, zoo keeping, collections management, exhibit design, bird training, animal health, horticulture, pet care, and wildlife management.

English Language Learners

English Language Learners (ELL)
ELL Courses NOT NCAA Approved

English Language Learner (ELL) Courses
Grades: 9-10-11-12
Prerequisite: *English language assessment and permission from the ELL Department for all courses.*
The English Language Learner (ELL) program is a series of courses designed to help students whose first language is not English improve their proficiency in listening, speaking, reading, and writing. Depending on their level, students take one to three ELL classes. In addition, students at lower levels of proficiency may earn social studies credits in sheltered Civics and U.S. History classes.

An ELL study hall is available for any student whose native language is not English.

Student level, and exiting from the program, is based on test scores, success in other classes, and teacher judgment. The goal is for students to be able to compete academically with native speakers of English.

All AVHS ELL students will be expected to earn a minimum of 6 English Department credits, in addition to the English credits earned in the AVHS ELL program.

ELL CORE COURSES
ELL 1 Language Development F-7211/W-7212/S-7213
ELL 1 Reading F-7214/W-7215/S-7216
ELL 1/2 Writing F-7217/W-7218/S-7219
ELL 2 Language/Composition F-7221/W-7222/S-7223
ELL 2/3 Reading F-7224/W-7225/S-7226
ELL 3 Writing Through Content F-7234/W-7235/S-7236
ELL 4 Literature and Composition F-7241/W-7242/S-7243

ELL SHELTERED CONTENT COURSES
ELL Civics F-7261/W-7262/S-7263
ELL U.S. History F-7264/W-7265/S-7266
ELL Study Hall - no credit F-7201/W-7202/S-7203

Family and Consumer Science

The unique focus of Family and Consumer Science is the role of the family as it relates to the individual, family, employment and community. This is a program designed to provide active participation and hands-on activities for young men and women to develop the knowledge, skills and behaviors needed for:

- Strengthening the well-being of individuals and families.
- Becoming responsible citizens and leaders.
- Promoting optimal nutrition and wellness.
- Managing resources for individuals and families.
- Balancing personal, home, family and work lives.
- Successful life management, employment and career development.
- Functioning as providers and consumers of goods and services.
- Appreciating human worth and accepting responsibility.
- Using critical and creative thinking skills to address problems in diverse family, community and work environments.
- Exploring career opportunities related to FACS.

Child Development 1 2509
Grades: 9-12
Prerequisite: None
If you enjoy working with children, this is the class for you. This course offers you the opportunity to have fun and experience the unique relationship of working with three, four, and five-year-old children in an actual play school setting. The knowledge of the development of preschoolers will be used to plan, develop, and implement a safe, creative, child-centered environment for the children attending. This is an excellent class for those considering a career working with children.**One credit may be earned at Dakota County Technical College upon successful completion of this course.**

Favorite Foods 2501
Grades: 9-12
Prerequisite: None

Are your cooking skills limited to macaroni and cheese from a box or putting a frozen pizza in the oven? Learn to cook from more than just a box by gaining up-to-date information about healthy eating, food preparation, and food safety and sanitation. Through hands-on involvement, basic cooking skills will be put into practice as you prepare and eat healthy snacks; quick breads including pizza bubble bread and homemade waffles; dairy foods including enchiladas, and cookies, salads, and pies**NOTE: A student donation of $20 will be assessed for lab supplies.**

Global Gourmet 2506
Grades: 10-12
Prerequisite: C or above in Favorite Foods and/or More Favorite Foods
Do you love to cook and entertain? This class takes your cooking skills to a more advanced level. Explore the ever-changing world of multicultural cuisine as you prepare new and exciting foods. Cooking experiences will include appetizers, garnishes, assorted cheesecakes, a variety of ethnic foods such as Italian, German, Thai, Mexican, French, Scandinavian, Asian, and more**NOTE: A student fee of $20 will be assessed for lab supplies.**

Independent Living 2521
Grades: 10-12
Prerequisite: None
Ready to live on your own? This class explores situations you may encounter and the realities of living on your own. Topics included are money management, the use and responsibilities of credit, finding a place to live, dorm life, apartment living and leases, insurance options, and buying and maintaining a car. Developing skills to secure and maintain employment, cooking for one or two people, and other concerns of living on your own are units of study that may be covered in this class.

Infant and Toddler Development 2532
Grades: 9-12
Prerequisite: None
If you are interested or puzzled by babies and toddlers, this class is for you. Infant and Toddler Development will start with the birth of the newborn and continue with infant care and development through the toddler years. Multiple births and children with special needs will also be studied.

Interior Design 1 2507
Grades: 9-12
Prerequisite: None
Information gained in this class will enable you to plan and decorate a home or apartment to meet today's lifestyle needs. Activities will focus on housing needs, design elements and principals, floor plans, furniture selection, window treatments, and accessories. Hands on learning activities are a big part of this course. A final project will consist of planning and decorating an apartment. **This class meets the Arts Standard Requirements**

More Favorite Foods 2504
Grades: 9-12
Prerequisite: None
What is there to eat? Using basic cooking principles and hands-on cooking experiences, this class is designed to explore the relationship of food to health and changing lifestyles. You will make a variety of foods including appetizers, yeast breads i.e. cinnamon rolls and calzones, homemade jams and jellies, beef jerky, eggs, holiday cookies, and fajitas. **NOTE: A student donation of $20 will be assessed for lab supplies.**

Parenting 2510
Grades: 10-12
Prerequisite: None
In this class you will examine the decision to parent and important issues related to raising healthy children and building positive relationships with them. The healthy growth and development of children from the prenatal stage through birth will be explored. Guest speakers, a panel discussion, projects, and the "Real Care Baby" simulation experience are a part of this class. Whether you become a parent or pursue a child related career, the Parenting class offers valuable information.

Pizza, Pasta and More! 2508
Grades: 9-12
Prerequisite: C or above in Favorite Foods and/or More Favorite Foods
Make Emerill proud as you "kick it up" a level in this advanced cooking class! In Pizza, Pasta and More! you will learn advanced skills and concepts on selecting, storing, preparing and serving foods. Creative approaches will be used as you prepare different types of pizza and a variety of pasta dishes. In addition, you will prepare a variety of other foods including garlic mashed potatoes, bread maker breads and chicken stir-fry**NOTE: A student donation of $20 will be assessed for lab supplies.**

Language Arts

The Language Arts program provides a variety of course offerings in literature, media, writing, and speaking. Each student is required to pass 12 trimester credits of Language Arts by completing one Language Arts course each trimester of grades 9, 10, 11, 12. Students may choose to take additional Language Arts classes for elective credit during their sophomore, junior, or senior year.

Ninth Grade: The goals of Freshman English are to review and strengthen the five language skills (reading, writing, speaking, listening and thinking) and to establish a foundation necessary for all subsequent Language Arts courses.
The 9th grade student must take three trimesters of Language Arts classes. The student will be enrolled in either English 9 or Honors English 9. Enrollment will be determined by 8th grade teachers and counselors.

Tenth Grade:
1 credit in: Speech Dynamics or Honors Speech Dynamics 10
1 credit in: Literature 10 or Honors Literature 10
1 credit in: Composition 10 or Honors Composition 10

Eleventh Grade: (Class of 2015)
Students are required to have one course from each of the following areas:

Six total English trimester courses during junior and senior year-
American Lit and Composition (one trimester) **AND**
World Literature and Composition (one trimester) **PLUS** four other English electives.

OR

Advanced Placement Language and Composition (full year) **AND**
Advanced Placement Literature Composition (full year)

Twefth Grade: (Class of 2014):
Students are required to have one course from each of the following areas:

Literature
(must have one of the following)
- Early Am. Lit.
- Mod. Am. Lit.
- Contemporary Am. Lit.
- British Lit.
- AP Language
- Humanities

Writing
(must have one of the following)
- Adv. Comp 1
- Writing for the 21st Century
- Humanities
- AP Language

In registering for next year's Language Arts classes, students are encouraged to seek the advice of their current Language Arts teacher. It is strongly recommended that the student balance his/her electives taking some writing, some literature and some speaking courses within his/ her high school years. Because some colleges and universities are not accepting certain Language Arts courses, it is very important that students and parents consult with the student's prospective school.

Advanced Placement Language and Composition F-2161, W-2162, S-2163
Grade: 11
Prerequisite: None
Advanced Placement Language and Composition is a course designed to train students to become skilled readers of prose written in a variety of historical periods, academic disciplines, and rhetorical contexts. The course will also give students the practice and helpful criticism necessary to become flexible writers who can compose in a variety of modes for a variety of purposes.

The course assumes that students have already developed a command of standard English grammar, and emphasizes expository, analytical, and argumentative essays, all of which should contribute to making participants more mature thinkers and writers.

The course will prepare students for the optional Advanced Placement Exam in Language and Composition, and will satisfy both the writing and literature requirements for graduation. Students taking the course must register for all three trimesters. This course meets the writing and literature requirements for graduation.

Advanced Placement Literature and Composition F-2076, W-2078, S-2080
Grade: 12

Prerequisite: Advanced Placement Language & Composition or Advanced Composition and one advanced literature course chosen from Early, Modern or Contemporary American Literature, British Literature, or Humanities.

Advanced Placement Literature and Composition is a course designed for students with special interest and ability in reading, analyzing and writing about literature. Students will study selected poems, short stories, plays, and novels in depth. Emphasis will be placed on developing the critical reading, thinking and writing skills used in college and on the Advanced Placement Exam in Literature and Composition. Students will be expected to discuss the selected works, write critical essays, and complete a research paper. Students taking this course must register for all three trimesters. This course meets the writing and literature requirments for graduation.

Advanced Placement Literature and Composition F-2076, W-2078, S-2080
Grade: 12

Prerequisite: Advanced Placement Language & Composition or Advanced Composition and one advanced literature course chosen from Early, Modern or Contemporary American Literature, British Literature, or Humanities

Advanced Placement Literature and Composition is a course designed for students with special interest and ability in reading, analyzing and writing about literature. Students will study selected poems, short stories, plays, and novels in depth. Emphasis will be placed on developing the critical reading, thinking and writing skills used in college and on the Advanced Placement Exam in Literature and Composition. Students will be expected to discuss the selected works, write critical essays, and complete a research paper. Students taking this course must register for all three trimesters. This course meets the writing and lieterature requirments for graduation.

Advanced Placement Literature and Composition F-2076, W-2078, S-2080

Grade: 12
Prerequisite: Advanced Placement Language & Composition or Advanced Composition and one advanced literature course chosen from Early, Modern or Contemporary American Literature, British Literature, or Humanities

Advanced Placement Literature and Composition is a course designed for students with special interest and ability in reading, analyzing and writing about literature. Students will study selected poems, short stories, plays, and novels in depth. Emphasis will be placed on developing the critical reading, thinking and writing skills used in college and on the Advanced Placement Exam in Literature and Composition. Students will be expected to discuss the selected works, write critical essays, and complete a research paper. Students taking this course must register for all three trimesters. This course meets the writing and lieterature requirments for graduation.

Academic Literacy 9th - 2008(A), 2009(B), 2010(C)
Prerequisite: Teacher Recommendation
The purpose of this course is to offer 9th grade students the chance to develop their academic literacy skills in order to better prepare them for success in school and on the MCA Reading Test - which they will take as sophomores. In addition to learning about the process and mechanics of reading (vocabulary, comprehension, and fluency), the class will foster student engagement and inquiry through independent reading and cooperative learning activities. Students will not register for this class. Students will be placed in this class if warranted.

Academic Literacy 11th/12th (Reading) - 2011(A), 2012(B)
Prerequisite: Teacher Recommendation
The purpose of this course is to offer 11th and 12th grade students the chance to develop their academic literacy skills in order to better prepare them for success in school and to assist them in passing the MCA Reading Test. In addition to learning about the process and mechanics of reading (vocabulary, comprehension, and fluency), the class will foster student engagement and inquiry through independent reading and cooperative learning activities. Students will not register for this class. Students will be placed in this class if warranted.

Advanced Composition 2110
Grades: 11-12
Prerequisite: None
Advanced Composition is a course for college-oriented students who wish to perfect academic writing skills. Advanced techniques used in effective writing will be studied in several units including:

1. Literary analysis
2. Autobiographical writing
3. A critical review
4. Preliminary research techniques

The course is highly recommended for students planning to enroll in Research Paper. Students who have taken AP Language and Composition may not enroll in this course.

American Literature and Composition 2066
Grades: 11-12
Prerequisite: None

This course will provide students with integrated instruction in both literature and writing. The study of literature will include the reading of a variety of American literary texts and the analysis of seminal American documents. Composition studies will focus on research, rhetoric, and argumentation.

Bestselling Novels 2047
Grades: 11-12
Prerequisite: None
This is a course where students will read high interest fiction similar to what readers find on The New York Times Bestseller list. Since most of the reading will be done during class time, students must be independent readers willing to read silently for 45 minute blocks. Students are evaluated through tests, analytical papers, group discussion and individual projects. An average high school reading ability is required.

College in the Schools: Public Speaking
Grades: 11-12
Prerequisite: B+ or above in Speech 10, teacher recommendation
College in the Schools Introduction to Public Speaking is a college course open to students in the top 50% of their class. This course is performance based with writing and research skills as a major component. As college students, they will be held to the same rigor found in an introductory college course in public speaking. The students will demonstrate skills in impromptu speaking, informative speaking and persuasive speaking. The rules and expectations of the University of Minnesota govern this course. This College in the School Public Speaking course will provide the opportunity for students to engage in a college experience while remaining at Apple Valley High School. Students earn three semester credits from the University of Minnesota. Students completing this course with a grade of "B-" or higher, may use the credit to qualify for an honors ranking.

CIS - Writing Studio 2068

Grade: 11, 12

Prerequiste: *See U of M Requirement Below

This course introduces to general writing strategies encountered at the college level. Through frequent practice and feedback, students learn to see writing as a tool for learning and a vehicle for expression of ideas and informed views. Students also learn a working vocabulary for discussing writing. Typical assignments include informal writing derived from personal experience, response to readings, analysis and evaluation of sources on the web and in print and formal papers that increasingly make use of sources as well as close reading of texts. The course emphasized the active practice of writing, from gathering ideas for a paper, through the drafting of papers, to careful editing. * The University of Minnesota requires that 60% of the students who are selected for this class fall within the top 50 and

20% of their class (the academic middle).

Composition 10 2019
Grades: 10-11-12
Prerequisite: None
The student in this course develops writing abilities necessary for clear, effective communication. The student will work on his/her writing process including prewriting, drafting, revising, editing, and publishing. This course meets the graduation requirement.

Contemporary American Literature 2049
Grades: 11-12
Prerequisite: None
This course will concentrate on the literature of the Americas written after mid-20th century. The authors studied will reflect the cultural diversity of the Americas. It will focus on themes such as: the effects of war on nations and their people; the struggle of women in society; and the strength and courage of ethnic groups in this part of the world. Students will be challenged to respond and reflect upon how people face the unique challenges of their lives to rise above adversity and gain knowledge and understanding of how all people are a product of their histories and communities. Throughout the class, students will be encouraged to relate their real life experiences to the literature being read and discussed. This course fulfills the literature requirement for graduation.

Creative Writing 2120
Grades: 11-12
Prerequisite: None
This writing course is for students with an interest in studying the creative process and in applying their own creative abilities to writing. By writing fiction and poetry, students will develop a more acute sense of observation, hone their analytic skills, and expand their imagination. Creative Writing stresses the use of alternative writing formats for expressing ideas. This course demands a commitment to writing as well as a willingness to use one's imagination.

EaglEye 1 F-2174, W-2175, S-2176
Not NCAA Approved
Grades: 10-11-12
Prerequisite: Journalism or Mass Media recommended. There will be an application process.
This class will create broadcast productions to be televised across AVHS. Student will write their own news stories, edit copy, and deliver for the camera. Students will gain technical skills needed to create a quality program. This class receives one Language Arts credit per trimester.

English 9 F-2000, W-2001, S-2002
The goals of English 9 are to establish a foundation of literary concepts and to review and refine composition, communication, and grammar skills. The language skills of reading, writing, speaking and listening are strengthened through interdisciplinary, real-life applications. Units include: short story, poetry, novels, and drama; communication units on various types of composition, public speaking, the research process, vocabulary enrichment and listening skills.

Honors Composition 10 2151
Grades: 10-11-12
Prerequisite: None
Honors Composition emphasizes the writing styles used in upper level Language Arts classes including literary analysis, creative non-fiction and media criticism. This class is designed for students who are prepared for a rigorous writing experience. This course meets the graduation requirement.

Honors English 9 F-2003, W-2004, S-2005
The Honors English 9 course will examine the same content areas as the English 9 course. However, major emphasis will be placed on the in-depth study of literary techniques, devices, and their practical application. In addition, a strong, continuing emphasis will be placed on writing, abstract thinking, analysis and critical reading. The Honors program offers a more challenging curriculum in both volume and depth for the highly motivated student.

Honors Literature 10 2027
Grades: 10-11-12
Prerequisite: None
This course is an advanced course that examines literature in all its forms. The course emphasizes a close reading of literature, and students should be strong readers who are ready for challenging assignments. This course meets the graduation requirement.

Honors Speech Dynamics 2137
Grades: 10-11-12
Prerequisite: None
The ability to speak to groups is vital for academic, business, and community life. This course is designed for students who are generally comfortable with the basics of speaking and would like to develop informative and persuasive speaking skills at an accelerated rate and to a more advanced level. This course meets the graduation requirement.

Interpersonal Communication 2090
Grades: 11-12
Prerequisite: Speech Dynamics
Interpersonal communication centers upon the communication skills that are key to maintaining successful personal relationships. Whether it involves parent-child, teacher-student, or friend-friend, knowing how to deal with problems, share ideas, carry on conversations, and work well with others is central to life. Special units, including listening skills, gender differences in communication, and problem solving, help students to deal with interpersonal relationships more effectively. This course is offered for English credit.

Journalism 2125
Grades: 10-11-12
Prerequisite: Sophomores may take Journalism after successful completion of Composition 10
Print media is slowly becoming an anomaly in our highly technical electro-media world. This course addresses the evolution of the news media from its roots in print journalism to the newest hybrid forms of electronic mass media. Topics to be addressed include print journalism, mass media ethics, the convergence of print and electronic media, and the social implications of media convergence. This is not a survey course. Students will have the opportunity to write and create various forms of print and electronic media.

Literature 10 2023
Grades: 10-11-12
Prerequisite: None
Units in poetry, drama, novels and short stories are used to help students learn to read more closely and get more out of their reading. It is assumed that students are able to decode words. Emphasis is, therefore, on meaning of words and analysis of text. Responsive writing is incorporated into each unit. This course meets the graduation requirement.

MCA Writing Lab 2101
Prerequisite: Teacher Recommendation

The course is designed for the student who did not pass the 9th grade MCA State Writing Test and , in addition, who have not successfully passed the GRAD Writing Test. The course will assist swith the development of academic literacy skills in order to better prepare them for success in school and to assist them in passing the statewide writing assessment. **Students will be placed in this course if warranted.**

Mass Media 2081

Grades: 11-12
Prerequisite: None
The course is the study of Mass and Multi Media (magazines, newspaper, radio, film, television, and computer-based electronic media) and their influence upon our lives. Mass Media gives the student the opportunity to critically evaluate the forms of communication that control as well as reflect the beliefs, values and actions of the public. Through study of the media and their methods, the ability to become discerning consumers is developed. This course will help provide students with critical skills to become objective and independent thinkers. Evaluation will be through written assignments, in-class projects, and a production segment.

Modern American Literature 2044
Grades: 11-12
Prerequisite: None
This literature course studies American writers from mid-19th century to mid-20th century. The focus of the curriculum will be on how these writers responded to and helped shape the events, values, and ideas of "the American century." Major writers to be studied will include Ernest Hemingway, F. Scott Fitzgerald, Robert Frost, E.E. Cummings, and Arthur Miller. This course fulfills the literature required for graduation.

Mythology 2052
Grades: 11-12
Prerequisite: None
This course emphasizes the classical mythology of Greece through the study of its poetry, prose and drama. The creation myths, the gods, the heroes and the Trojan War are examined. Comparisons are made with other mythologies such as Native American, Oriental, Norse and Egyptian. This class is an excellent elective for the college-bound student, as well as those who are vocationally oriented.

Reading Enhancement 2030
Not NCAA Approved
Grade: 10
Prerequisite: Teacher Recommendation and Parent Conference
This course is intended for those students who have demonstrated a need to improve their reading ability and desire to do so. The course will focus on fluency and vocabulary development, study skills, comprehension strategies, and reading for enjoyment. This course is offered for a literature elective credit. This course has not been approved by the NCAA Clearinghouse.

The Research Paper 2116
Grade: 12
Prerequisite: Advanced Composition, Humanities or AP Language
The course, strongly recommended for all college-bound students, will demonstrate how to investigate a topic and how to construct a research paper. All areas of the research paper will be covered from choosing a topic to completing the final paper. Students will also create a PowerPoint presentation. This course is for 12th grade students only.

SAU-Comp 2157
Grade 10-11-12
Prerequistie: Teacher Recommendation
Not NCAA Approved
This course is intended for those students who have demonstrated a need to improve their writing skills. This course is offered for an English elective credit. Students should not register for thsi course but will be placed into the course if warranted.

Science Fiction 2056
Grades: 11-12
Prerequisite: None
This course is designed for the student who already has a special interest in the area of science fiction or who wants to learn more about it. Short stories and novels as well as nonfiction articles about the future are the required readings.

Shakespeare Comedies 2058
Grades: 11-12
Prerequisite: None
Concentrating on the early style of Shakespeare, this course will include three to four major comedies. When possible, full-length films and live performances will supplement the oral reading by students in class.

Speech Dynamics F-2015
Grades: 10-11-12
Prerequisite: None
In this public speaking class, students will prepare and deliver several informative and persuasive speeches for an audience. Course content will provide a review of fundamental speech preparation methods and will then focus on delivery, research, use of visual aids, and persuasion. This course meets the graduation requirement.

Topics in Literature: War 2178

Grades 11-12 Prerequisite: None This elective course will study the literary depiction of and reaction to war from throughout history. A major focus will be on discerning what military historian John Keegan has termed “the face of battle.” Texts will range from the Iliad of ancient Greece to accounts representative of more modern conflicts.

World Literature and Composition 2067
Grades: 11-12
Prerequisite: None

This course will provide students with a rich literary experience using texts from around the world. Students will study short fiction, poetry, a novel, and Shakespeare’s

Macbeth. Composition studies will include writing in the narrative and informative modes. Students, as well, will be expected to produce a multi-media project.

Writing for the Digital Age: Blog Writing 2112
Grades: 11-12
Prerequisite: None In this course students will author a blog page on the topic of their choice, conduct the research necessary to gain expertise of the topic and write in a variety of modes including expository, persuasive and editorial modes. This course is designed for the college or career-bound student who seeks to improve his/her writing, research, and communication skills. The course will focus on the critical process of writing, synthesis of sources, and analysis and construction of effective argument considering topic, purpose, audience and tactics**This course satisfies the writing requirement.** This course may also be taken as a blended hybrid course wherein students would communicate with the teacher and students online, complete the coursework at home online, and attend class one day per week.

Writing for the 21st Century 2104
Grades: 11-12
Prerequisite: Composition 10
Writing for the 21st Century is designed for all students who want to improve their ability to write clearly and effectively for the modern work place. Units covered will include such things as: Business and Electronic Communications; Journals, Manuals, and Policy Development; Employment and Personnel Evaluation; and Technical Writing with Graph and Chart Integration. This course fulfills the writing requirement for graduation.

Mathematics

MATHEMATICS CURRICULUM

9th Grade	10th Grade	11th Grade	12th Grade
		Algebra 2 Concepts *Students enrolled on 2012-2013 school year	Tech Math College Algebra, Probability and Statistics (CAPS)
Intermediate Algebra	Geometry	Algebra 2	Tech Math College Algebra, Probability and Statistics (CAPS) A.P. Statistics Precalculus
Geometry	Algebra 2	Tech Math	College Algebra, Probability and Statistics (CAPS)
		College Algebra, Probability and Statistics (CAPS)	A.P. Statistics
		A.P. Statistics	Precalculus
		Precalculus	A.P. Calculus AB
Honors Geometry	Honors Algebra 2	Honors Precalculus	A.P. Calculus AB A.P. Calculus BC A.P. Statistics
		A.P. Statistics	Honors Precalculus Precalculus
	A.P. Statistics		

National and state reports from mathematics and education organizations recommend that all students should take four years of mathematics in grades 9 - 12. Colleges and universities are requiring three or four years of high school level mathematics. Vocational and technical schools require a math background for many of their programs. In order to prepare for post-secondary studies, students benefit from a sequential plan of mathematical coursework that is appropriate for them. With this in mind, the mathematics department offers courses that are sequential and differentiated by student abilities.

The mathematics curriculum in District 196 addresses the concerns that have been identified in mathematics education. The textbook series provides materials that use current technology and real-life applications, incorporates reading, 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.

To fulfill graduation requirements all students are required to earn nine trimester credits, three of which are earned in grade nine. Students entering Apple Valley High School as 9th graders and who are currently enrolled in a middle school in the district, will be enrolled in one of three levels based on the recommendation of the Mathematics Department: Intermediate Algebra, Honors Geometry or Geometry. This recommendation includes input from the grade eight mathematics teacher, mathematics grades and standardized test scores. Students who will be in 10th, 11th, or 12th grade next year will enroll in courses based upon the student's mathematics teacher's recommendation and mathematics achievement.

Note: Students enrolled in the following courses are required to have a graphing calculator. The Texas Instruments TI 83+ or TI 84 is strongly recommended.

- Algebra 2
- Honors Algebra 2
- Technical Mathematics
- Precalculus
- Honors Precalculus
- College Algebra, Probability + Stats (CAPS)
- Advanced Placement Statistics
- Advanced Placement Calculus AB
- Advanced Placement Calculus BC
- Geometry and Honors Geometry (recommended, but not required)

Characteristics of a Student Well-Suited for Honors Math Courses

1. Has experienced high achievement in past courses without undue stress. Has not depended on rote learning or tutoring.
2. Is creative. Can think of things to try, or use original methods, when faced with a problem situation.
3. Readily applies learned principles to new situations. Can solve novel problems. Responds well to guided discovery.
4. Responds positively to challenging situations. Shows persistence in searching for solutions. Finds satisfaction in independently solving a problem rather than accepting another person's solution or help.
5. Likes to analyze, generalize, derive, prove, abstract; to investigate relationships and alternative solutions.
6. Has a strong intuitive sense for the subject matter. Sorts out key relationships quickly.
7. Shows a high degree of interest and motivation. Is intellectually curious and a critical thinker.
8. Works well independently. Seeks help only when necessary. Does not require detailed or repeated directions from teacher in order to proceed.
9. Shows above average ability in oral and written expressions

Advanced Placement CalculusAB F-3591/W-3592/S-3593
Grade: 12
Prerequisite: Honors Precalculus with a B- or higher or Precalculus with teacher approval only
In this course, students will study rates of change, along with limits of functions. Formal differentiation and its application to real-world problems will be included. Students will study integration to find the area under a curve and its applications. The calculus of trigonometric, exponential and logarithmic functions will also be studied. Many majors in postsecondary education require some mathematics and the AB exam credit would satisfy the requirement. A graphing calculator is required for the course. The TI 83 or TI 84 is recommended. *This is a year-long course. Students should register for all three courses and are expected to take the Advanced Placement exam at the end of the year.

Advanced Placement CalculusBC F-3608/W-3609/S-3610
Grade: 12
Prerequisite: Honors Precalculus only with a B or higher
Students pursuing careers in engineering or the physical sciences would benefit from the BC level course. Topics include those in CalculusAB in addition to parametric, polar and vector functions, polynomial approximations and series. A graphing calculator is required for the course. The TI 83 or TI 84 is recommended. *This is a year-long course. Students should register for all three courses and are expected to take the Advanced Placement exam at the end of the year.

Advanced Placement Statistics F-3611/W-3612/S-3613
Grades: 10-11-12
Prerequisite: Completed Honors Algebra 2 or dual enrollment with Honors Algebra 2 or Completed Algebra 2 with B or higher and teacher approval.

This course is an introduction to the practice of statistics. This advanced placement class covers data collection, analysis and displaying procedures, simulations, probability, distributions as well as surveys and census taking methods. A graphing calculator is required for the course. The TI 83 or TI 84 is recommended. *This is a year-long course. Students should register for all three courses and are expected to take the advanced placement exam at the end of the year.

Advanced Placement Statistics F-3611/W-3612/S-3613
Grades: 10-11-12
Prerequisite: Completed Honors Algebra 2 or dual enrollment with Honors Algebra 2 or Completed Algebra 2 with B or higher and teacher approval.

This course is an introduction to the practice of statistics. This advanced placement class covers data collection, analysis and displaying procedures, simulations, probability, distributions as well as surveys and census taking methods. A graphing calculator is required for the course. The TI 83 or TI 84 is recommended. *This is a year-long course. Students should register for all three courses and are expected to take the advanced placement exam at the end of the year.

Advanced Placement Statistics F-3611/W-3612/S-3613
Grades: 10-11-12
Prerequisite: Completed Honors Algebra 2 or dual enrollment with Honors Algebra 2 or Completed Algebra 2 with B or higher and teacher approval.

This course is an introduction to the practice of statistics. This advanced placement class covers data collection, analysis and displaying procedures, simulations, probability, distributions as well as surveys and census taking methods. A graphing calculator is required for the course. The TI 83 or TI 84 is recommended. *This is a year-long course. Students should register for all three courses and are expected to take the advanced placement exam at the end of the year.

Algebra 2 F-3529/W-3530/S-3531
Grades: 11-12
Prerequisite: Intermediate Algebra and Geometry with a C or higher
This second year of algebra will emphasize reading, problem solving and real-world applications. Topics include: linear, exponential, quadratic, logarithmic and trigonometric functions and matrices. Technology will be integrated throughout the course. A graphing calculator is required for the course. The TI 83+ or TI 84 is recommended. *This is a year-long course. Students should register for all three courses.

Note: Any student who fails Algebra II fall trimester will remain in the class winter trimester, however, an elective class (or study hall) will be dropped and the student will be placed in a supplemental math class. The supplemental math class will be an elective credit, it will not count as a required math credit. This scenario will repeat itself spring trimester for those who fail the winter trimester Algebra II class. Students in the supplemental class T2 who earn a "C-" grade or higher in the mainstream math class, can opt out of the supplemental class in the spring.

College Algebra, Probability, and Statistics (CAPS) F-3617/W-3618/S-3619
Grades: 10-11-12
Prerequisite: Algebra 2 with a C or higher or Algebra 2 Concepts with teacher approval only
College Algebra, Probability, and Statistics (CAPS) have been designed to meet the needs of seniors who have 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. A graphing calculator is required for the course. The T.I.83+ or T.I.84 is recommended. *This is a year long course. Students should register for all three courses.

Geometry F-3521/W-3522/S-3523
Grades: 9-10-11-12
Prerequisite: Intermediate Algebra with a C or higher
Geometry integrates standard approaches, coordinates, transformations and real-world applications making use throughout of the algebra students know. Other topics include: measurement, formulas, similarity, logic, and trigonometry. Students should have at least a scientific calculator. (Graphing calculators are not required for this course, but are strongly encouraged.) *This is a year-long course. Students should register for all three courses.

Honors Algebra 2 F-3539/W-3540/S-3541
Grades: 10-11
Prerequisite: Intermediate Algebra and Geometry with an A- or higher
This second year of algebra will emphasize reading, problem solving and real-world applications. Topics include: linear, exponential, quadratic, logarithmic and trigonometric functions and matrices. Technology will be integrated throughout the course. This course moves a little faster than the Algebra 2 course. A graphing calculator is required for the course. The TI 83+ or TI 84 is recommended. *This is a year-long course. Students should register for all three courses.

Honors Geometry F-3525/W-3526/S-3527
Grades: 9-10
Prerequisite: A- or higher in Intermediate Algebra
Geometry integrates standard approaches, coordinates, transformations and real-world applications making use throughout of the algebra students know. Other topics include: measurement, formulas, similarity, logic, and trigonometry. This course moves a little faster than the geometry course. Students should have at least a scientific calculator. (Graphing calculators are not required for this course, but are strongly encouraged.) *This is a year-long course. Students should register for

all three courses. Graphing calculators are not required for this course.

Honors Precalculus F-3583/W-3584/S-3585
Grades: 11-12
Prerequisite: Honors Algebra 2 with a B- or higher
Precalculus topics include a review of the elementary functions, advanced properties of functions, polar coordinates, complex numbers and introductions to the derivative and integral. Vectors are also included. This course moves a little faster than the Precalculus course.
A graphing calculator is required for the course. The TI 83 or TI 84 is recommended. *This is a year-long course. Students should register for all three courses.

Intermediate Algebra F-3505/W-3506/S-3507
Grades: 9-10
Prerequisite: Algebra 1
Intermediate Algebra is a study beyond the linear topics found in Algebra 1. Topics include systems of equations, quadratic equations, polynomials, data and statistics, probability and simulation, transformations and connections to geometry. Students should have a scientific calculator.**Graphing calculators are NOT needed.** *This is a year-long course. Students should register for all three courses.

Note: Any student who fails Intermediate Algebra fall trimester will remain in the class winter trimester, however, an elective class (or study hall) will be dropped and the student will be placed in a supplemental math class. The supplemental math class will be an elective credit, it will not count as a required math credit. This scenario will repeat itself spring trimester for those who fail the winter Intermediate Algebra course. Students in the supplemental class T2 who earn a “C-” grade or higher in the mainstream math class, can opt out of the supplemental class in the spring. If two or more trimesters of Intermediate Algebra (regular or concepts) result in “F” grades, then Intermediate Algebra will be taken over in grade 10, along with Geometry. To take Algebra II in grade 11, every student must have passed at least two trimesters of Intermediate Algebra in either 9th or 10th grade.

Multivariable Calculus

Grade: 12 - This is an Eastview High School course offering

Successful completion of A.P.Calculus BC class and exam and/or instructor's permission.

This course is designed for the gifted math student. It covers the same material as a college-level Multivariable Calculus class, including the same rigor, expectations, and special technological skills found in many 2nd and 3rd year college courses. Topics covered include a brief review of infinite series and parametric and polar coordinates, vector geometry and 3-dimensional graphing techniques, vector-valued functions, differentiation of several variables, multiple integration, line and surface integrals, and fundamental theorems of vector analysis. Students will also learn to use the mathematical software package Maple to aid in their understanding of the material and to complete assignments and projects. We will use graphing calculators extensively. The TI-83 or TI-84 series is strongly recommended. The TI-89 may be used in this class. Students pursuing careers in engineering and the physical sciences would benefit from selecting this course. This is a year-long course.

Precalculus F-3587/W-3588/S-3589
Grades: 11-12
Prerequisite: Algebra 2 with a C or higher
Precalculus topics include a review of the elementary functions, advanced properties of functions, polar coordinates, complex numbers and introductions to the derivative and integral. Recursion, combinatorics and vectors are also included. A graphing calculator is required for the course. The TI 83 or TI 84 is recommended.
*This is a year-long course. Students should register for all three courses.

Technical Mathematics F-3601/W-3602/S-3603
Grades: 12 (Not NCAA approved)
Prerequisite: Algebra 2 or Algebra 2 Concepts A
Technical Mathematics will begin by building estimation and problem solving skills. The course will cover topics of number theory, algebra, geometry, consumer mathematics, financial management, measurement, probability, statistics, and trigonometry. This is a year-long course. Students should register for A, B, C. A graphing calculator is required for this course. The TI 83+ or TI 84 is recommended.

Mentor Program

"College. Career. Leadership."

The Mentor Program provides motivated, college bound students with the opportunity to explore their potential careers of interest, their aptitude for those careers, and eventually be mentored by a professional in a selected field of interest. The program is divided into two phases: Mentor Seminar and Field Experience. A student may choose to only take Seminar as an opportunity to explore their best college and career options. However, Seminar must be successfully completed in order for a student to advance to Field Experience. A partial listing of the many potential fields is listed below:

Accounting	Computer science	Geology	Meteorology	Public Relations
Advertising	Economics	Journalism	Performing Arts	Social Work
Architecture	Education	Law	Photography	Veterinary Medicine
Biotechnology	Engineering	Law Enforcement	Physical Therapy	
Business management	Fine Arts	Marketing		
Communications	Genetics	Medicine		

Mentor Seminar F-8001/W-8002/S-8003
Grades: 11-12
Prerequisite: Application and Mentor Program Coordinator Approval
Length: One Period, uOne Trimesteru Fall, Winter, Spring*
Credits: 1*
Access to professionals is critical for students to determine the career that best suites them. This course is designed to meet that need. With the instructor, you will formulate a personalized college and career plan. You will gain exposure to personality and career strength inventories. College selection and planning strategies are explored. Students design a project based on their field of interest. This course is a great "stand alone course" to help you make important decisions regarding college and careers. It is also designed to prepare students for **Field Experience** where you are placed with an individual career mentor in your field of choice. This course promotes independent learning skills and is designed for the college bound student.

Mentor Field Experience F-8005/W-8006/S-8007
Grades: 11-12
Prerequisite: Mentor Seminar and Mentor Program Coordinator Approval
Length: Two Periods, uOne Trimesteru Fall, Winter, Spring*
Credits: 2*
On-site Mentorship with a career professional is a blueprint for high performance. This course is experience based. You go beyond the "traditional" classroom experience into the professional's world and gain exposure to the procedures and equipment associated with your field of choice. In addition to a weekly class session with your instructor 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. Under special, pre-approved circumstances, the course may be taken for one period instead of the two hour block.** Students generally select the trimester with the fewest co-curricular conflicts to allow greater scheduling and travel flexibility with their mentorship. Discuss options with your guidance counselor and/or with Mrs. Wycoff. ****Prerequisite – Mentor Seminar and instructor approval.*

Performing Arts

The department of PERFORMING ARTS offers a wide variety of courses in music theory, dance, choir, band and theatre. These courses are offered for elective credit. All performing arts courses fulfill the Minnesota Arts Standards requirement.

INSTRUMENTAL MUSIC

Instrumental Music at AVHS is a full-year activity. Students must register for all three trimesters.

Advanced Dance Company F-4287/W-4288/S-4289
Grades: 10-11-12
Prerequisite: Choreography a & Media/Placement by instructor
Advanced Dance class is by instructor audition/permission only and Choreography & Media is a prerequisite for entrance to this course. It is a year-long course designed for students who are very serious about dance and in pursuing dance post-high school. Students will explore and experience dance techniques, choreography, company touring and administration, teaching, performing, computer generated composition and video editing. Dancers will perform in several venues throughout the year, including the Spring Danceworks show. This course focuses on community outreach.

Choreography & Media F-4241/W-4242/S-4243**(full-year)**
Grades: 10-11-12
Prerequisite: Audition/Placement by instructor
Choreography & Media is a class that distinguishes the AVHS dance department from all other programs in the state! It is a course that expands upon the elements of Creative Modern Dance through choreography, improvisation and media. Students will use a variety of techniques and creative skills with props, sets, video projections and slide projections to assess their own choreography. Group work, improvisation, performance and self motivation are crucial for this class as it is a prerequisite for Advanced Dance Company. Creative writing, video creation and other computer applications will be introduced as well. Students have the opportunity to present their work in the Spring Danceworks show.

Concert Band F-4054**, W-4055, S-4056**
Grade: 9
Prerequisite: Previous enrollment in band, new students by audition.
All ninth grade students in the AVHS band program are required to participate in the first trimester band. Students will study a variety of band literature in the concert band setting culminating in a fall concert. All members also receive individual lessons during the trimester. Other instrumental activities and events that class members may elect to participate throughout the year include: Jazz Ensemble, Athletic Band, Percussion Ensemble, Flute Ensemble, Clarinet Ensemble and Saxophone Ensemble

Dance Tech 1 F-4301/W-4302/S-4303 (full year)
Grades: 9-10-11-12
Prerequisite: None
Students will be introduced to Modern, Jazz, and Ballet techniques along with other popular dance styles (African, Hip-hop, Street Dance). This course is a movement class on a daily basis and no prior experience is necessary. Dance history, written work, and performance criticism are also part of this course. The elements of dance are introduced and the Fall Dance Show is part of the class. Students are expected to sign up for all three trimesters.

Dance Tech 2 F-4304/W-4305/S-4306 (full year)
Grades: 10-11-12
Prerequisite: Dance Tech 1 or audition
Students will continue Modern, Jazz, and Ballet techniques along with other popular dance styles (African, Hip-hop, Street Dance). This course is a movement class on a daily basis and follows Dance Tech 1. A more in-depth exploration of dance history and performance criticism is expected. The elements of dance become a stronger focus and the Spring Danceworks show is a part of the class.

Marching/Sym Band Ensemble F-4050
Grades: 10-11-12
Prerequisite: Previous enrollment in band, new students by audition
All students in the AVHS band program are required to participate in the fall trimester band. During the first portion of the trimester, students perform at all home football games, including tournament games and special events. The second portion of the trimester will be devoted to the concert band setting for all students. All members also receive individual lessons during the trimester. Other instrumental activities and events that class members may elect to participate in this trimester include: Jazz Ensemble, Percussion Ensemble, Flute Ensemble, Clarinet Ensemble and Saxophone Ensemble.

Ragazze Cantanti (women's chorus) F-4171, W-4172, S-4173
Grade: 10-12
Prerequisite: Audition/placement by director
This choir is designed for select voices who wish to develop or continue developing their singing skills on the high school level. Advanced singing technique, music sight-reading, plus literature from classical, seasonal, Broadway, and popular music sources will be studied and performed at four public concerts each year. Choir festivals and exchange programs with other schools and Region Solo-Ensemble Contest participation will also be scheduled. Students will be expected to purchase a uniform for performances. Full time enrollment in a curricular choir class is a pre-requisite for auditioned co-curricular ensemble membership.

Ragazzo Cantanti (men's chorus) F-4175, W-4176, S-4177
Grade: 10-12
Prerequisite: Audition/placement by director
This choir is designed for select voices who wish to develop or continue developing their singing skills on the high school level. Advanced singing technique, music sight-reading, plus literature from classical, seasonal, Broadway, and popular music sources will be studied and performed at four public concerts each year. Choir festivals and exchange programs with other schools and Region Solo-Ensemble Contest participation will also be scheduled. Students will be expected to purchase a uniform for performances. Full time enrollment in a curricular choir class is a pre-requisite for auditioned co-curricular ensemble membership.

Symphonic Band B W-4061, S-4062
Grades: 9-10-11-12
Prerequisite: Previous enrollment in Marching/Sym Band - Wind Ensemble or by audition
A wide variety of music is performed from popular to classical. All members also receive individual lessons. Other instrumental activities and events that class members may elect to participate in include: Jazz Ensemble, Athletic Band, and Percussion Ensemble.

Valley Select Chorale F-4191, W-4192, S-4193
Grades: 11-12

Prerequisite: Audition/placement by director
Students in this mixed voice ensemble are selected for their advanced vocal ability and musical skills. Students will be expected to strive for perfection in choral music performance and continue to increase their singing technique and musical skills. A wide variety of acapella and accompanied choral literature is studied and performed. Choir members participate in four public concerts, fall choral festival, Lake Conference Choir Festival, and other statewide choral festival experiences. Enrolled students will be expected to commit themselves to an annual spring performance tour each year. Students will be expected to purchase a uniform for performances. Full time enrollment in a curricular choir class is a prerequisite for auditioned co-curricular ensemble membership.

Wind Ensemble B W-4065, S-4066
Grades: 9-10-11-12
Prerequisite: Previous enrollment in Marching/Sym Band - Wind Ensemble or by audition
The Wind Ensemble performs a wide range of advanced difficulty literature. All members also receive individual lessons. Other instrumental activities and events that class members may elect to participate in include: Jazz Ensemble, Athletic Band, and Percussion Ensemble.

Physical Education

The following courses are required to graduate:

1. Fitness for Life
2. Safety Education
3. Wellness 1
4. Wellness 2
5. 3 - Physical Education Electives

9th GRADE REGISTRATION
Students in ninth grade will either take:

• Fitness for Life, Wellness 1 and Safety Education (includes driver's education)
OR
• Fitness for Life, Wellness 1 and one of physical education electives listed:
Pilates (4730)
Aerobics (4731)
Basic Self Defense (4732)
Strength and Speed Training for Men (4733)
Strength Training and Conditioning for Women (4734)

Note: The above courses can be scheduled in any order.

10th GRADE REGISTRATION
Students in tenth grade usually take:

• Wellness 2 and two physical education electives or
• Wellness 2, Safety Education and one physical education elective

Note: Students must have permission from their counselor to delay courses until their junior. or senior year

9th and 10th GRADE
Safety Education and Behind the Wheel

Students must be 15 or older to take Safety Education. Students registering for Safety Education will register for the course number that represents their birthday month. Ninth grade students will register for ONE of the following:

4710 15th birthday August or earlier
4711 15 in September
4712 15 in October
4713 15 in November
4714 15 in December
4715 15 in January
4716 15 in February
4717 15 in March
4718 15 in April
4719 15 in May
4720 15 in June

Behind The Wheel

Students have the option to sign up for Behind the Wheel for $302. Further information is available from Mr. Chuck Scanlon or Mr. Mike McManus.
The physical education program is designed to offer the student a variety of physical activities. These offerings include: team sports, individual sports, physical fitness, and leisure time activities. In a given elective class, a student will study an activity's history and strategy and practice drills necessary to perform the activity. Courses with fees are electives.**There will not be any scholarships for fees.**

Badminton, Softball 1 4619
Grades: 10-12 Prerequisite: Fitness for Life Donation: $15 for racquet This course will cover the lifetime sport of badminton. The rules and strategies will be studied. The execution of techniques and skills will be stressed. Singles and doubles tournaments will be played. Students should furnish their own racquet or can buy one from AVHS for $15.00. Softball, in the second half of the trimester, will cover fast pitch softball, slow pitch softball, and competition softball. Knowledge of rules and strategy, development of playing skills and team play will be stressed in this course.

Basic Self Defense and Kick Boxing 4597
Grades: 9-10-11-12
Prerequisite: None
This course will provide basic instruction in personal defense and its legal aspects, body control, coordination, defense maneuvers and self confidence. Self-defense punches and kicks will be implemented into a kickboxing cardiovascular unit.

Fall Racquet Sports 1 4534
Grades: 10-12

Prerequisite: Fitness for Life Donation: $15 Units: Tennis, Badminton, Pickle Ball, Table Tennis

The course will include fundamental strokes, rules, and game strategy for each activity. There will be single and double tournaments in each class. Students must furnish their own tennis racquets. Students may purchase a badminton racquet from AVHS for $15.00. Table tennis paddles will be supplied.

Fall Team Sports 4531 Grades: 10-12 Prerequisite: Fitness for Life Units: Touch/Flag Football, Soccer, Lacrosse, Broomball, Disc Golf These activities will cover rules, strategies, and fundamentals of each game. Advanced skills and strategies of team play are emphasized. **Fitness for Life** 4521 (one trimester class) Grade: 9 Prerequisite: None **(This class is a prerequisite for all other P.E. Classes)** This course will include the development of fundamental skills, team playing techniques, and basic game strategies for sport activities. Fall Unit: Soccer, Touch Football, Lacrosse, Weight Training Winter Unit: Basketball, Floor Hockey, Volleyball and Team Handball Spring Units: Floor Hockey, Softball, Lacrosse, Track and Field **Note:** In addition, students will participate in a three-week Fitness Unit during the fall and spring trimesters. Students will be taught Fitness Center etiquette, safety and shown lifting techniques for basic strength training exercises.

Fitness for Life F-4521/W-4522/S-4523 (one trimester class)
Grade: 9
Prerequisite: None (This class is a prerequisite for all other P.E. Classes)

Hockey/Broomball 1 4608

Grades: 10-12
Prerequisite: HocNone

Students must furnish their own hockey sticks, skates and broomball sticks. This class will deal with more advanced broomball and hockey skills. The rules, skills, and strategies will be covered.

Lacrosse, Soccer 4625 Grades: 10-12 Prerequisite: Fitness for Life This course will provide students with an opportunity to experience Lacrosse and Soccer at a level which any student enrolled will have success. Lacrosse is a game played with a netted stick and a ball which involves stick handling using the upper body. Soccer, on the other hand, involves ball handling skills with the legs. The combination of the two activities will provide an excellent means of attaining a high level of physical fitness while enjoying great activities.

Online Wellness II 4501 Grades: 10-12 Prerequisite: Wellness I Wellness II incorporates knowledge into goal setting, decision-making, and refusal skills in the areas of mental health; stress and stress management; tobacco, alcohol and other chemicals. This is an online hybrid course in which most of the work is done on-line. This class meets Wednesdays throughout the trimester at 6:30 a.m.

Pilates 1 4627

Grades: 9-12 Prerequisite: None This course will concentrate on increasing muscular conditioning and overall body fitness through a variety of exercising techniques. Walking, circuit training and isolated muscle conditioning will be involved in the course.

Prevention and Care of Athletic Injuries 4554

Grades: 10-12
Prerequisite: Fitness for Life
This course provides instruction, demonstration and hands-on-training in the basic principles of first aid and athletic training. It also provides instruction in anatomy and physiology of the human body. The course includes developing the ability to deal with common medical problems, common injuries occurring in sports activities, and athletic taping techniques. Time is also devoted to research of sports medicine careers. Students who are interested in becoming student athletic trainers are provided with the background to perform this role.

Safety Education 4511 Grades: 9-10 Prerequisite: None In Safety Education the first nine weeks will be in Driver Education. After approximately four weeks of preparation, the students will receive their blue cards to take the permit test at the Eagan Exam Station. The last three weeks of this course will involve CPR (Cardio Pulmonary Resuscitation) with each student being trained and certified in CPR. Students will have an opportunity for behind-the-wheel instruction during the trimester and is separate from this class. Cost for the Behind the Wheel is $302.00, is separate from this class and is NOT required for school credit.

Safety Education F-4511/W-4512/S-4513
Grades: 9-10 Fall, Winter or Spring
Prerequisite: None
In Safety Education the first nine weeks will be in Driver Education. After approximately four weeks of preparation, the students will receive their blue cards to take the permit test at the Eagan Exam Station. The last three weeks of this course will involve CPR (Cardio Pulmonary Resuscitation) with each student being trained and certified in CPR. Students will have an opportunity for behind-the-wheel instruction during the trimester and is separate from this class. Cost for the Behind the Wheel is $275.00, is separate from this class and is NOT required for school credit.

Spring Racquet Sports 1 4623

Grades: 10-12 Prerequisite: Fitness For Life Units: Badminton, Table Tennis, Pickle Ball and Tennis Donation: $15 for Badminton Racquet

This course will include game strategies for each activity. There will be single and double tournaments in each class. Students must furnish their own tennis racquets. Students may purchase a badminton racquet from AVHS for $15.00.

Step Aerobics 1 4591

Grades: 9-12 Prerequisite: None This course will focus on increased fitness through depth stepping and muscular resistance training. Components of instruction will include intermediate cardiovascular and muscle conditioning and the effects of exercise on the circulatory system.

Wellness 1 4647
Grade: 9
Prerequisite: None
Wellness I incorporates goal setting, decision-making, and refusal skills in the areas of fitness/nutrition, human sexuality, communicable disease; cardiovascular wellness; and cancer education. This course includes HIV/AIDS and human sexuality curriculum.

Wellness 1 F-4647/W-4648/S-4649
Grade: 9
Prerequisite: None
Wellness I incorporates goal setting, decision-making, and refusal skills in the areas of fitness/nutrition, human sexuality, communicable disease; cardiovascular wellness; and cancer education. This course includes HIV/AIDS and human sexuality curriculum.

Wellness 2 4507

Grades: 10-12
Prerequisite: Wellness I
Wellness II incorporates knowledge into goal setting, decision-making, and refusal skills in the areas
of mental health, stress and stress management, tobacco, alcohol and other chemicals.

Winter Team Sports 1 4601
Basketball, Floor Hockey, Volleyball, Team Handball Grades: 10-12 Prerequisite: Fitness for Life This course will include the development of fundamental skills, team playing techniques, and basic game strategies of basketball, volleyball and dodgeball. The students will also assist in officiating games and participate in round robin tournaments.

Wt Tr 1, 2, 3 Strength and Speed Training for Men 4562-4563-4564

Grades: 9-12 and New Students
Prerequisite: Fitness for Life
Note: This class is a prerequisite for Advanced Speed and Strength Training and should only be taken once.
This course will use a variety of techniques and skills for enhancing physical fitness levels for men. Students will participate in a supervised program of basic weight training activities based on an individual's needs. Muscular Strength, Muscular Endurance, Speed Development, Flexibility Exercises, and Conditioning Drills will be incorporated into the class activities.
Unit 1: Week 1-2 Safety Issues, Selecting Lifts, Sets/Reps and Workout Weights.
Unit 2: Week 3-4 Dynamic Warm-Up Exercises, Individual Contract Design and Pre-Fitness Test
Unit 3: Week 5-6 Ladder Drills (Speed Development) and Personalized Workouts
Unit 4: Week 7-8 Rope Jumping (Agility/Speed Development) and Personalized Workouts
Unit 5: Week 9-10 Personalized Workouts and Dot Matrix Warm-up Routine
Unit 6: Week 11-12 Personalized Workouts and Post-Fitness Test

Strength Training and Conditioning for Women F-4584/W-4585/S-4586
Grades: 10-12
Prerequisite: Fitness for Life
This course will use a variety of techniques and skills for enhancing physical fitness levels for women. In this course students will use proper stretching techniques, free weights, weight machines, plyometrics, cardio training and speed development as effective training methods. Emphasis will be on overall fitness.

Wt. Training 1-2-3 Strength and Speed Training for Men 4562-4563-4564

Grades: 9-12 and New Students
Prerequisite: Fitness for Life
Note: This class is a prerequisite for Advanced Speed and Strength Training and should only be taken once.
This course will use a variety of techniques and skills for enhancing physical fitness levels for men. Students will participate in a supervised program of basic weight training activities based on an individual's needs. Muscular Strength, Muscular Endurance, Speed Development, Flexibility Exercises, and Conditioning Drills will be incorporated into the class activities.
Unit 1: Week 1-2 Safety Issues, Selecting Lifts, Sets/Reps and Workout Weights.
Unit 2: Week 3-4 Dynamic Warm-Up Exercises, Individual Contract Design and Pre-Fitness Test
Unit 3: Week 5-6 Ladder Drills (Speed Development) and Personalized Workouts
Unit 4: Week 7-8 Rope Jumping (Agility/Speed Development) and Personalized Workouts
Unit 5: Week 9-10 Personalized Workouts and Dot Matrix Warm-up Routine
Unit 6: Week 11-12 Personalized Workouts and Post-Fitness **Test**

Science

Students are required to take 3 years of science with one year in a biology course (Fundamentals, Regular or Honors). Apple Valley High School science staff recommend that students intending to enroll in college consider taking four years of science, preferably earth science, biology, chemistry and physics.

In addition, electives such as Honors Biology, Advanced Placement Chemistry and Honors Physics are designed to broaden the background of students who are interested in science or who might be planning on a career in science. Upon completion of these classes, students will be eligible to take the Advanced Placement Tests in biology, chemistry and/or physics. Additional study outside of the course work will be needed for AP Physics test and the AP Biology test..

Other electives designed to enrich or enhance the interest of particular students include several classes in Ecology. These classes are generally one trimester long and are open to all students of the appropriate grade level.

Advanced Placement Chemistry F-5081, W-5082, S-5083
Grades: 11-12
Prerequisite:
Prerequisite: Chemistry or Honors Chemistry with an average of B- or above
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. Upon completion, students may elect to take the Advanced Placement Test administered by the College Entrance Examination Board. Performance on this exam may make the student eligible for waiver of college course work. Students investigate the structure of matter and chemical bonding theory in the first trimester. During trimester two, students study reactions in detail: acid-base, precipitation, oxidation reduction. They also study electrochemistry, equilibrium, kinetics, and thermodynamics. Third trimester students will study complete study of reactions, study organic chemistry and prepare for AP exams.

Aquatic Ecology 5055
Grades: 10-11-12
Prerequisite: None
This course is designed to study aquatic ecosystems including ponds, lakes, streams, and salt water. Topics include physical and chemical properties of water, collection and identification of aquatic organisms, aquatic food chains, and human effect on aquatic ecosystems. Field trips will be taken to the AVHS pond, a lake and a stream where students will be wading, collecting, observing and handling organisms, and to the Minnesota Zoo to observe the ocean ecosystem.

Biological Fundamentals F-5048, W-5049, S-5050
Not NCAA Approved
Grades: 10-11-12
Prerequisite: Need to have Science teacher approval to register for this course.
The goal of this activity-centered course is to introduce students to the concepts of life science. Topics addressed are: scientific method, cells, heredity, evolution, genetics, populations, ecology, and survey of kingdoms of life.

Biology A F-5051, W-5052, S-5053
Grades 10-11-12
Prerequisite: None
The goal of the Biology course is to have students develop an understanding of living organisms. This class is recommended by the Science Department for most 10th grade students. Laboratory activities are an integral part of each topic studied. The state standards for Biological Science will be covered in this course. Those students wishing to take an accelerated version of this course should consider Honors Biology. Topics covered during first trimester include: scientific method, chemistry of life, cells, cells and energy, mitosis, and meiosis.
Winter Trimester: Topics include: genetics, protein synthesis, evolution, classification, and ecology.
Spring Trimester: Topics include: ecology, homeostasis, immune system, nervous system, respiratory system, circulatory system, and plant/animal kingdom.

College in the Schools (CIS) - Anatomy and Physiology F-5064/W-5065/S-5066
Grades: 11, 12
Prerequisite: Minimum B+ in Biology and Chemistry (chemistry is recommended but not required) This course uses a college text.
Human Anatomy and Physiology is the study of the organization, structure, function, and interrelationships of the major systems of the human body and their response to disease. This course is a lab and activity based course that requires memorization, reading, and note taking skills. Students should be prepared to dissect preserved specimens. This course is recommended for students with an interest in pursuing a medically oriented or health career. The fall trimester will cover body orientation and nomenclature, histology, the integumentary system, bones, the skeletal system and joints. The winter trimester will cover muscle anatomy and physiology, and the muscle system. The spring trimester covers the nervous system and nerve physiology, blood, and the cardiovascular system.

College in the Schools (CIS) - Anatomy and Physiology F-5064/W-5065/S-5066
Grades: 11, 12
Prerequisite: Minimum B+ in Biology and Chemistry (chemistry is recommended but not required) This course uses a college text.
Human Anatomy and Physiology is the study of the organization, structure, function, and interrelationships of the major systems of the human body and their response to disease. This course is a lab and activity based course that requires memorization, reading, and note taking skills. Students should be prepared to dissect preserved specimens. This course is recommended for students with an interest in pursuing a medically oriented or health career. The fall trimester will cover body orientation and nomenclature, histology, the integumentary system, bones, the skeletal system and joints. The winter trimester will cover muscle anatomy and physiology, and the muscle system. The spring trimester covers the nervous system and nerve physiology, blood, and the cardiovascular system.

College in the Schools (CIS) - Anatomy and Physiology F-5064/W-5065/S-5066
Grades: 11, 12
Prerequisite: Minimum B+ in Biology and Chemistry (chemistry is recommended but not required) This course uses a college text.
Human Anatomy and Physiology is the study of the organization, structure, function, and interrelationships of the major systems of the human body and their response to disease. This course is a lab and activity based course that requires memorization, reading, and note taking skills. Students should be prepared to dissect preserved specimens. This course is recommended for students with an interest in pursuing a medically oriented or health career. The fall trimester will cover body orientation and nomenclature, histology, the integumentary system, bones, the skeletal system and joints. The winter trimester will cover muscle anatomy and physiology, and the muscle system. The spring trimester covers the nervous system and nerve physiology, blood, and the cardiovascular system.

Chemistry F-5071,W-5072,S-5073
Grades: 11-12
Prerequisite: A strong background in Algebra is recommended
This class is a year long course and is an appropriate chemistry course for college bound students. Chemistry is a sequential course investigating the composition of matter, the properties and reactions of elements and compounds, the structure of the atom and the arrangement of the Periodic Table. Lab work is an integral part of the course including an extensive qualitative analysis laboratory.

Earth Science F-5010/W-5011/S-5012
Grade: 9
Prerequisite: None
This class is a year-long course required of all ninth grade students. The course is an activity-centered approach to the study of the earth and space. It includes hands-on activities, cooperative learning groups, lectures, videos and a variety of other methods to help students learn about the earth that we live on and the objects in space around us. The topics for the year include: astronomy, geology, meteorology, water resources, physical science and engineering.

Earth Science F-5010/W-5011/S-5012
Grade: 9
Prerequisite: None
This class is a year-long course required of all ninth grade students. The course is an activity-centered approach to the study of the earth and space. It includes hands-on activities, cooperative learning groups, lectures, videos and a variety of other methods to help students learn about the earth that we live on and the objects in space around us. The topics for the year include: astronomy, geology, meteorology, water resources, physical science and engineering.

Earth Science F-5010/W-5011/S-5012
Grade: 9
Prerequisite: None
This class is a year-long course required of all ninth grade students. The course is an activity-centered approach to the study of the earth and space. It includes hands-on activities, cooperative learning groups, lectures, videos and a variety of other methods to help students learn about the earth that we live on and the objects in space around us. The topics for the year include: astronomy, geology, meteorology, water resources, physical science and engineering.

Environmental Studies 5057
Grades: 10-11-12
Prerequisite: None
This course is designed to introduce the student to the problems humans have created on earth as a result of technical development and ever increasing population growth. Sources, types and effects of pollutants, as well as climate change will be examined. Classroom discussions, problem solving techniques, critical thinking, classroom projects will be utilized to analyze possible causes and solutions to these environmental problems.

General Science of Earth F-5031, W-5032, S-5033
Not NCAA Approved
Grades: 9-12
Prerequisite: Earth Science teacher recommendation only. Students may not self-enroll
General Science of Earth is a year-long class designed to help certain 10th through 12th grade students meet the second year of their science requirement. Students will be exposed to the major concepts in biology, chemistry and physics in an integrated manner. Student learning experiences will be at a practical level with a minimum of mathematics. Topics in the first trimester deal with the scientific method, phenology, and basic concepts in environmental science. Topics also include the concepts of chemistry, chemistry in the environment, environmental issues and phenology.

General Physics F-5087, W-5088, S-5089
Grades: 11-12
Prerequisite: 11th or 12th grade

General Physics F-5087, W-5088, S-5089
Grades: 11-12
Prerequisite: 11th or 12th grade

The main topics of the fall trimester will be the study of sound and light waves. Further, we will learn about properties of waves including reflection, refraction, diffraction, interference, and resonance. We finish the fall trimester discussing properties of matter including density, temperature, pressure, and buoyancy. Our final activity will be creating and launching a miniature hot air balloon.

During the winter trimester, the course will focus on energy and engineering. We will discuss the advantages behind different methods for the generation of electricity. We will construct miniature wind turbines and test them for maximum power output. This trimester we will also learn about static electricity and circuits. We will be doing fun and hands on lab activities. During the spring trimester, we analyze the physical world by studying forces, gravity, and the interactions of objects using Newton's laws of motion. We will also study energy and momentum by building and launching rockets. General physics is a hands on course that focuses on learning physics concepts. There is minimal math including only skills learned in basic algebra.

General Physics F-5087, W-5088, S-5089
Grades: 11-12
Prerequisite: 11th or 12th grade

The main topics of the fall trimester will be the study of sound and light waves. Further, we will learn about properties of waves including reflection, refraction, diffraction, interference, and resonance. We finish the fall trimester discussing properties of matter including density, temperature, pressure, and buoyancy. Our final activity will be creating and launching a miniature hot air balloon.

During the winter trimester, the course will focus on energy and engineering. We will discuss the advantages behind different methods for the generation of electricity. We will construct miniature wind turbines and test them for maximum power output. This trimester we will also learn about static electricity and circuits. We will be doing fun and hands on lab activities. During the spring trimester, we analyze the physical world by studying forces, gravity, and the interactions of objects using Newton's laws of motion. We will also study energy and momentum by building and launching rockets. General physics is a hands on course that focuses on learning physics concepts. There is minimal math including only skills learned in basic algebra.

Honors Biology F-5061, W-5062, S-5063
Grade: 10
Prerequisite: It is highly recommended that the student earned an A all 3 trimesters of Earth Science or Honors Earth Science.
This course will focus on an in-depth study of biology. This course provides students with an advanced understanding of the fundamental processes of all living things. Topics include biological molecules, enzymes, respiration, photosynthesis, and the molecular basis of inheritance and human systems. Students are expected to take active roles in class discussions as well as demonstrate creative thinking in conducting their own investigations. With additional study, students may choose to take the Advanced Placement Biology Examination. Students are expected to participate in the fetal pig dissection lab.

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Honors Biology F-5061, W-5062, S-5063
Grade: 10
Prerequisite: It is highly recommended that the student earned an A all 3 trimesters of Earth Science or Honors Earth Science.
This course will focus on an in-depth study of biology. This course provides students with an advanced understanding of the fundamental processes of all living things. Topics include biological molecules, enzymes, respiration, photosynthesis, and the molecular basis of inheritance and human systems. Students are expected to take active roles in class discussions as well as demonstrate creative thinking in conducting their own investigations. With additional study, students may choose to take the Advanced Placement Biology Examination. Students are expected to participate in the fetal pig dissection lab.

Honors Biology F-5061, W-5062, S-5063
Grade: 10
Prerequisite: It is highly recommended that the student earned an A all 3 trimesters of Earth Science or Honors Earth Science.
This course will focus on an in-depth study of biology. This course provides students with an advanced understanding of the fundamental processes of all living things. Topics include biological molecules, enzymes, respiration, photosynthesis, and the molecular basis of inheritance and human systems. Students are expected to take active roles in class discussions as well as demonstrate creative thinking in conducting their own investigations. With additional study, students may choose to take the Advanced Placement Biology Examination. Students are expected to participate in the fetal pig dissection lab.

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Honors Chemistry F-5077, W-5078, S-5079
Grades: 11-12
Prerequisite: A or B average in science and math is highly recommended.
Students with a high interest and ability in science and mathematics who are planning on a science major in college should consider taking this course in place of chemistry. Topics covered are similar to those covered in chemistry. The approach, however, is math intensive, and the topics are discussed in more detail. In the fall trimester, the introductory principals of chemistry are presented in lab work and follow-up discussions. Topics include formula writing, the development and use of the Periodic Table, a study of chemical reactions, and stoichiometry. The winter trimester includes the study of the composition of the atom, chemical bonding, nuclear chemistry and the states of matter. The spring topics include chemical equilibrium, acids and bases, electrochemistry, solution chemistry. A three-week qualitative analysis laboratory unit is also included.

Honors Earth Science F-5013/W-5014/S-5015
Prerequisite: "A" or "A-" grades in M.S. Science

The Honors Earth Science 9 course is a year-long course that will examine the same content areas as the regular earth science 9 course but will study the content areas with more depth and breadth. This advanced program is for the science motivated student and will be more challenging than the regular earth science course.

Honors Physics F-5097, W-5098, S-5099
Grades: 11-12
Prerequisite: Should be enrolled in Pre-Calculus or Calculus
This course will cover the same general topics as Physics A, B, C, but in a much more intensive manner. Honors Physics will offer a more extensive mathematical approach to physics for the students with a strong math background. Students will have the option of taking the advanced placement test for college credit in general physics, however, extra studying would be required. This course is highly recommended for students planning on enrolling in an engineering program in college. Topics covered: light, waves, vectors, static electricity, electricity and Magnetism, straight-line motion, force, energy, momentum, gravity, rotational motion and relativity.

Meteorology 5041
Grades: 10-11-12
Prerequisite: Must have passed Earth Science
In this class the student will gain a better understanding of the components that make up weather and climate. They will study the atmosphere, weather phenomena, how weather forms climate, and how climates are classified. This class is a good choice for students interested in weather or aviation, or those planning to go into the field of meteorology.

Physics F-5091, W-5092, S-5093
Grades: 11-12
Prerequisite: None
Strongly recommend: Geometry, Algebra II
Physics A, B and C is a sequence of courses in which the students investigate everyday phenomena in an attempt to explain and describe these phenomena. We will investigate such topics as freefall (sky diving), living in space, electricity (you'll get a charge out of this!), rainbows, optics, and how Einstein changed our perceptions of our universe. It is recommended that you take all three trimesters to gain the greatest understanding of the world you live in. Scientific methods and models will be used. The fall trimester topics include waves, sound, light, color, reflection, refraction and optics. Winter semester the topics are electricity, magnetism and straight line motion. Topics for the third trimester include motion, forces, gravity, energy, momentum, and relativity.

Solar System 5045
Grades: 10-11-12
Prerequisite: Must have passed Earth Science
As a student in this class you will study our solar system in greater detail than you did in Earth Science. You will learn how telescopes work, study about early astronomy, the moon, planets, sun, and we will examine the NASA manned space program in detail. Some writing will be required.

Stellar Astronomy 5047
Grades: 10-11-12
Prerequisite: Must have passed Earth Science
This course will study the universe. You will find out how astronomers use light to learn about stars and galaxies, learn to tell star time, and study deep space objects. In addition, we will discuss ideas about the nature and origin of the universe and extraterrestrial life. Some writing will be required.

Terrestrial Ecology 5059
Grades: 10-11-12
Prerequisite: None
Basic ecological concepts are studied using lab exercises, one field trip, population studies and class discussions. Food webs, food chains, biomes, and energy cycles are included. Topics of ecological change and the evolution of populations are also studied.

Social Studies

9TH GRADE

Required Courses: Civics & Citizenship 9
OR
Honors Civics & Citizenship
Studies 9

Advanced Placement Psychology F-6142, W-6143, S-6144
Grade: 12
Prerequsite: None
This year long course is an in-depth investigation into the scientific study of the behavior and mental processes of the mind. Students will conduct experiments, study psychological principles, phenomena, ethics, and methods within this field as a way of better understanding, amongst other things, behavior, perception, and the mind. The course will also focus on preparing the students to take the AP Psychology exam in the Spring which may allow them to earn college credit.

Advanced Placement American History F-6047, W-6048, S-6049
Grade: 10, 11, 12 (Grade 11 and 12 elective credits only)
Prerequisite: It is highly recommended that the student earned an A or B in his/her 9th grade Social Studies class.
Advanced Placement American History is a course designed for eligible college-bound sophomores who have special skills in historical study. It may be taken in lieu of the regular 10th grade American History curriculum. It is also open to interested juniors and seniors, who wish to take this course in addition to the regular junior and senior curriculum. Students will do intensive note taking, essay writing, reading in a college-level text. This course will help students prepare to take an optional Advanced Placement exam by which they could earn college credit.

Advanced Placement European History F-6071, W-6072, S-6073
Grades: 11-12 (12 grade elective credit only)
Prerequisite: none
Advanced Placement European History is a course designed for eligible college-bound juniors who have special skills in historical study. It may be taken in lieu of the regular 11th grade World History curriculum. It is also open to interested seniors, who wish to take this course in addition to regular senior curriculum. Students will do extensive note taking, essay writing, reading in a college-level text. This course will help students prepare to take an optional Advanced Placement Exam by which they could earn college credit.

Advanced Placement Macroeconomics W-6118, S-6119
Grade: 12
Prerequisite: None
This course is aimed at helping you understand the workings of the larger U.S. and global economy. Topics include basic economic concepts, measuring economic growth and recession, inflation, international trade, currency exchange, the Federal Reserve, and money. This class also prepares students for the optional AP Macroeconomics exam where post-secondary credit may be earned. This class fulfills the social studies requirement for both the winter and spring and should not be taken in conjunction with regular economics.

Advanced Placement Psychology F-6142, W-6143, S-6144
Grade: 12
Prerequsite: None
This year long course is an in-depth investigation into the scientific study of the behavior and mental processes of the mind. Students will conduct experiments, study psychological principles, phenomena, ethics, and methods within this field as a way of better understanding, amongst other things, behavior, perception, and the mind. The course will also focus on preparing the students to take the AP Psychology exam in the Spring which may allow them to earn college credit.

Advanced Placement Psychology F-6142, W-6143, S-6144
Grade: 12
Prerequsite: None
This year long course is an in-depth investigation into the scientific study of the behavior and mental processes of the mind. Students will conduct experiments, study psychological principles, phenomena, ethics, and methods within this field as a way of better understanding, amongst other things, behavior, perception, and the mind. The course will also focus on preparing the students to take the AP Psychology exam in the Spring which may allow them to earn college credit.

American Economics 6116
Grade: 12
Prerequisite: None (one trimester course)
This activity course introduces students to the economic process. The roles of the consumer, labor, industry, and government in the economy of the United States are explored. Specific attention is given to sound consumer decision making. Students should not register for this course. Students will be placed in this course if warranted.

Civics and Citizenship 9 F-6010, W-6011, S-6012
Grade: 9
Prerequisite: None
This course is a general survey course that studies the three levels of government: local (including city, village, township), state, and federal. Emphasis is placed on the practical aspects so as to enable students to better understand the demographic system. Students will also understand their rights, duties and privileges that citizenship in such a system provides.
This course also is designed to give students a better understanding of themselves by evaluating their interests, aptitudes and scholastic ability. With this information we will explore the world of work and develop a technique to research occupations and their varying qualifications, requirements, and economic impact.

Civics and Citizenship 9 F-6010, W-6011, S-6012
Grade: 9
Prerequisite: None

This course is a general survey course that studies the three levels of government: local (including city, village, township), state, and federal. Emphasis is placed on the practical aspects so as to enable students to better understand the demographic system. Students will also understand their rights, duties and privileges that citizenship in such a system provides.
This course also is designed to give students a better understanding of themselves by evaluating their interests, aptitudes and scholastic ability. With this information we will explore the world of work and develop a technique to research occupations and their varying qualifications, requirements, and economic impact.

Criminology 6103
Grade: 12
Prerequisite: None
A study of the aspects of deviant behavior and the role of the government. Topics will include crime, juvenile delinquency, correctional institutions, police enforcement, FBI, court system and the prevention of deviant behavior.

Developmental Psychology F-6121, W-6131, S - 6141
Grade: 12
Prerequisite: instructor approval
This is a unique class that involves a very high level of commitment and responsibility, and offers a wide variety of benefits. The course concentrates on the following areas:

Learning about the psychology of growth and development (this is done by studying various approaches to understanding growth, and by applying these approaches to your own personal life).

Learning about the process of group growth, and working within this group process to create an atmosphere of openness, trust, and commitment that will help group members grow and learn about themselves and others.

Learning about the systems of the human body and the effects of drugs on the body.

Using all this knowledge to teach one day a week in the drug education program in the sixth grade students in our district.

If you're interested in taking Developmental Psychology, keep in mind when arranging your schedule that this class is a two (2) hour blocked class. Enrollment is limited.

Economics 6113
Grade: 12
Prerequisite: None (one trimester course)
This course introduces students to the basic concepts in the economic process. The roles of the consumer, labor, industry, and government in the economy of the United States are explored. Specific attention is given to sound consumer decision making.

Honors Civics & Citizenship 9 F-6013, W-6014, S-6015
Prerequisite: B Average in M.S. Social Studies
Honors Civics and Citizenship is a yearlong course that will examine the same content areas as the regular Civics and Citizenship course sequence but will study the content areas with more depth and breadth. This advanced program is for the motivated student and will be more challenging than the regular Civics and Citizenship course with its increased amount of independent work and use of a college level textbook in addition to the regular text. In addition, students in Honors Civics and Citizenship will be asked to complete supplemental readings over the summer months.

Psychology 6111
Grade: 12
Prerequisite: None
This introductory course in Psychology will attempt to help you to be better able to understand yourself and others. Personality development, mental health and how we learn will be emphasized topics. Students will be involved in activities and experiments to further the learning process.

Sociology 6106
Grade: 12
Prerequisite: None
A course of study to gain an understanding of the human person and his/her relationship to others. Emphasis will be placed upon human relations, institutions, in particular the family, and groups in our society.

Survey of US History F-6024, W-6025, S-6026
Need teacher permission.

US History F-6027, W-6028, S-6029
Grade: 10
Prerequisite: None
This course examines, in a chronological sequence, selected time periods and events in American history by examining the social, cultural, political and international aspects of each topic. The course is designed to give students a historical background as they develop their skills and shape their values as they prepare to become active participants in the affairs of their country and the world.

US History F-6027, W-6028, S-6029
Grade: 10
Prerequisite: None
This course examines, in a chronological sequence, selected time periods and events in American history by examining the social, cultural, political and international aspects of each topic. The course is designed to give students a historical background as they develop their skills and shape their values as they prepare to become active participants in the affairs of their country and the world.

World Civilizations F-6054, W-6055, S-6056
Need teacher permission.

World History F-6064, W-6065, S-6066
Grade: 11
Prerequisite: None
This class enlightens us on the events that shaped us as global citizens in our modern world. In this course we will explore a history of early ideas and cultures.

Trimester 1 involves an overview of the world from prehistory to 1500. Notable topics include Greece, Rome, the Middle Ages, and Byzantium. Trimester 2 will explore the period from the Renaissance through the Revolutions in Latin America. Notable topics include the Renaissance, the Reformation, East Asia, the Enlightenment, the French Revolution, and Latin American Revolutions. Finally, Trimester 3 will cover the period from 1800 to the present. Notable items include European Nationalism, Imperialism, and Fascism. The class finishes with a look at the major regions and influences in the world and how they will affect us as global citizens.

Support Services

SUPPORT SERVICES
Support Courses NOT NCAA Approved
These courses are available to students who need support in their educational program above and beyond what might be available to them in the regular curriculum. It is important to note these programs are Special Education programs and require recommendation by a Child Study Team. Admission to these classes would be based on the determination of a disabling condition in which the student's educational needs would best be served in this manner. If you have questions concerning these programs, contact your son's or daughter's counselor or case manager.

D/APE
Grades: 9-12
Prerequisite: Child Study Team Recommendation

Physical Education: F-0880/W-0881/S-0882

CID Center Based
Grades: 9-12
Prerequisite: Child Study Team Recommendation

Functional Life Skills: F-0910/W-0911/S-0912

CIP Center Based
Grades: 9-12
Prerequisite: Child Study Team Recommendation

English: F-0992/W-0993/S-0994
Math: F-0983/W-0984/S-0985
Social Studies: F-0989/W-0990/S-0991
Communications Skills: F-0980/W-0981/S-0982
Academic Prep: F-0977/W-0978/S-0979
Transition Life Skills: F-0995/W-0996/S-0997

DCD Center Based
Grades: 9-12
Prerequisite: Child Study Team Recommendation

Basic English: F-0804/W-0805/S-0806
Basic Math: F-0801/W-0802/S-0803
Work Training: F-0810/W-0811/S-0812
Electives: F-0816/W-0817/S-0818
Life Skills: F-0813/W-0814/S-0815
Basic Social Studies: F-0819/W-0820/S-0821
Basic Science: F-0822/W-0823/S-0824
Art/Music/Dance: F-0950/W-0951/S-0952

NBA Center Based
Grades: 9-12
Prerequisite: Child Study Team Recommendation

English: F-0941/W-0942/S-0943
Math: F-0947/W-0948/S-0949
Social: F-0944/W-0945/S-0946
Academic Prep: F-0957/W-0958/S-0959
Basic Science: F-0822/W-0823/S-0824

DCD
Grades: 9-12
Prerequisite: Child Study Team Recommendation

English Essentials: F-0830/W-0831/S-0832
Social Studies Essentials: F-0834/W-0835/S-0836
Math Essentials: F-0838/W-0839/S-0840
Academic Prep I: F-0851/W-0852/S-0853

EBD/PACE
Grades: 9-12
Prerequisite: Child Study Team Recommendation

English: F-0860/W-0861/S-0862
Math: F-0868/W-0869/S-0870
Social Studies: F-0864/W-0865/S-0866
Academic Prep II: F-0872/W-0873/S-0874

SLD
Grades: 9-12
Prerequisite: Child Study Team Recommendation

Math Essentials: F-0971/W-0972/S-0973
Academic Prep I: F- 0961/W-0962/S-0963
Reading Academy I: F- 0901/W-0902/S-0903
Reading Academy II: F- 0904/W-0905/S-0906
Math Fundamentals: F- 0953/W-0954/S-0955

DHOH
Grades: 9-12
Prerequisite: Child Study Team Recommendation

English: F-0895/W-0896/S-0897
Academic Prep I: F-0883/W-0884/S-0885

Speech and Language Therapy
Grades: 9-12
Prerequisite: Child Study Team Recommendation

Communications: F-0886/W-0887/S-0888
Communication Skills: F-0980/W-0981/S-0982
Academic Prep III: F-0889/W-0890/S-0891

Technology Education

Architecture 1 3082
Grades: 10-11-12
Prerequisite: None
An introduction to architecture, covering types and styles of Architecture and the basic concepts of house design. Concepts learned will involve creating hard drawn floor plans, foundation and elevation drawings of a predetermined house design.

Architecture 2 3086
Grades: 10-11-12
Prerequisite: Architecture 1
This course encompasses the advances study of residential interior and exterior architectural design standards. The perspective style of drawing will be explored with one and two point perspective drawings. This course will also introduce the latest version of AutoDesk Revit, a Computer Aided Design CAD application.

Architecture 3 3090
Grades: 10-11-12
Prerequisite: Architecture 2
This course presents methods of implementing architectural design through the use of pictorial drawings generated by CAD software. Students will create a one story house design of their own choice by making a complete set of working drawings. This course will utilize the latest version of Autodesk Revit in order to create the working drawings.

Basic Woodworking 3034
Grades: 9-10-11-12
Prerequisite: None
Fee: based on project chosen
This woodworking course will provide students with the opportunity to construct sports equipment using the Technology Education facilities. Equipment may include baseball bats, canoe paddle, boomerang, ping pong paddle, lacrosse stick shaft or other sports related projects. This course is aimed towards students who wish to construct sports-centered, non-traditional, Technology Education projects. A materials fee will be charged for the student project.

Computer Generated Imagery I 3152
Grades: 11-12
Prerequisite: None
This is a hands on introduction to 3-D Studio Max a 3-D modeling, rendering and animation program. (3-D Studio Max is used professionally to produce graphics for most video games and introductions to sports programs such as Monday Night Football and the World Series) Topics include basic geometry construction, materials, mapping, extended primitives, patch grids, model editing, and compound objects.

Drafting 1 3070
Grades: 9-10-11-12
Prerequisite: None
This is a survey course in drafting and shows the integrated relationship of drafting and the world of graphic communications and human every day life. An introduction of drafting instruments, dimensioning, sketching, orthographic projection, isometric, pattern development, architecture, drafting, Computer Aided Drafting (CAD) systems.

Drafting 2 3074
Grades: 9-10-11-12
Prerequisite: Communication Technology or Drafting 1
This course will concentrate on the study of orthographic drawing of machine parts, sheet metal layout, screws, bolts, and threads.

Drafting 3 3078
Grades: 9-10-11-12
Prerequisite: Drafting 2
A directed independent study of a graphic communication problem. A student will learn to use the Computer Aided Drafting (CAD) System to develop drawings. The students will use AutoCAD 2010 to develop their drawings.

Introduction to Engineering Design (IED) F-3013/W-3014/S-3015

Grades: 9-12

Length: Full Year

Designed for 9th -12th grade students, the major focus of IED is the design process and its application. Through hands-on projects, students apply engineering standards and document their work. Students use industry standard 3D modeling software to help them design solutions to solve proposed problems, document their work using an engineer's notebook, and communicate solutions to peers and members of the professional community. This course will follow The Project Lead the Way (PLTW) curriculum from the Introduction to Engineering Design (IED) course which is a STEM (Science-Technology-Engineering-Math) courses. It is a pre-college engineering level course and a strong background in science and math is recommended, College credit is available through the University of Minnesota for this course.

Introduction to Engineering Design (IED) F-3013/W-3014/S-3015

Grades: 9-12

Length: Full Year

Designed for 9th -12th grade students, the major focus of IED is the design process and its application. Through hands-on projects, students apply engineering standards and document their work. Students use industry standard 3D modeling software to help them design solutions to solve proposed problems, document their work using an engineer's notebook, and communicate solutions to peers and members of the professional community. This course will follow The Project Lead the Way (PLTW) curriculum from the Introduction to Engineering Design (IED) course which is a STEM (Science-Technology-Engineering-Math) courses.%26nbsp; It is a pre-college engineering level course and a strong background in science and math is recommended.%26nbsp; College credit is available through the University of Minnesota for this course.

Introduction to Engineering Design (IED) F-3013/W-3014/S-3015

Grades: 9-12

Length: Full Year

Designed for 9th -12th grade students, the major focus of IED is the design process and its application. Through hands-on projects, students apply engineering standards and document their work. Students use industry standard 3D modeling software to help them design solutions to solve proposed problems, document their work using an engineer's notebook, and communicate solutions to peers and members of the professional community. This course will follow The Project Lead the Way (PLTW) curriculum from the Introduction to Engineering Design (IED) course which is a STEM (Science-Technology-Engineering-Math) courses.%26nbsp; It is a pre-college engineering level course and a strong background in science and math is recommended.%26nbsp; College credit is available through the University of Minnesota for this course.

Metals/Manufacturing Technology 1 3044
Grades: 9-10-11-12
Prerequisite: None
Introduction and orientation to the field of metals, manufacturing and fabrication. Time will be spent in hands on exploratory experiences in the operations of metal machining on the lathe, milling machine and drill press. Oxygen/acetylene welding, electric arc welding, and wire feed welding experiences will also be explored. Students will also participate in the study of related technical information in manufacturing and fabrication. Emphasis in this class will be on exercises and development of fundamental skills and knowledge. When this course becomes overloaded, preferences will be given to students registered for a full year of metal course

Metals/Manufacturing Technology 2 3046
Grades: 9-10-11-12
Prerequisite: Metals/Man. Technology 1
Continuation of the learning systems used in Metals/Manufacturing Technology 1. Further development of individual skills will be emphasized with participation in individual and/or class project.

Metals/Manufacturing Technology 3 3048
Grades: 9-10-11-12
Prerequisite: Metals/Man. Technology 2
Extensive personal development of fundamental skills in metal machining areas and in welding. Student will be expected to select, design, plan, and complete manufacturing/fabrication project, or work on assigned tasks selected by the instructor. A material fee will be charged for the student project(s) selected.

Woodworking Technology 1 3024
Grades: 9-10-11-12
Prerequisite: None
Donation: $60
The course covers the safe operation of both hand and machine woodworking tools in the wood shop. Students who have little or no experience in woodworking are encouraged to register for this class. Specific areas to be covered in the class include buying lumber, furniture construction, gluing and finishing techniques. Each student will construct an oak chest lined with cedar to bring home at the end of the course. A material charge of $60.00 will be required for the cedar chest. When this class becomes overloaded, preferences will be given to students registered for a full year of woodworking courses.

Woodworking Technology 2 3028
Grades: 9-10-11-12
Prerequisite: Woodworking 1
Donation: $70
Woodworking 2 is designed to allow the student an opportunity for in-depth study in the woods area. Expanding on the woodworking skills learning in Woodworking Technology 1, students will construct a night stand while learning the techniques and processes that enables the woodworker to successfully combine oak plywood with solid oak. Processes and procedures will be supplied by the instructor to match the direction of the student. A materials charge of $70.00 will be required for the nightstand.

Woodworking Technology 3 3043

Grades: 10-11-12

Prerequisite: Woodworking Technology 1 and 2

Students will further develop and challenge their skills and knowledge of woodworking. Advanced techniques for wood joinery and design will be incorporated. Projects will include a wall cabinet, coffee table and wooden stool. Students who wish to further develop and challenge their skills and knowledge of woodworking will want to pursue this course. A material fee will be charged for the student project selected.

Work Experience

Work Experience offers special support to students while promoting the goals of increasing employability skills, developing vocational training and awareness, and promoting student success at Apple Valley High School. The goal of the program is to teach and support positive attitudes and behaviors towards school and work. This includes developing communication, personal awareness, self-advocacy and leadership skills needed for successful school experiences and entry-level employment.

Work Experience Seminar - F-0668, W-0669, S-0670
Grades: 11, 12 (10 with administrative approval)
Prerequisites:

- Completion of the Work Experience Application
- Recommendation of Counselor or Child Study Team
- Permission of Work Experience Coordinator

The Work Experience Seminar is classroom-based instruction focusing on the issues surrounding employment and occupational awareness. (Maximum of 1 credit per trimester/ 3 credits per year)

Work-Based Learning
6th HourF-0646, W-0656, S-0666
7th Hour F-0674, W-0657, S-0670

Grades: 11, 12 (10 with administrative approval)
Prerequisites:

- Completion of the Work Experience Application
- Recommendation of Counselor or Child Study Team
- Permission of Work Experience Coordinator

Work-Based Learning is community-based employment in which the student evaluation is based on their work performance as reported by their employer and coordinator. **Students must be enrolled is WES to be in WBL**. (Maximum of 2 credits per trimester/6 credits per year)

Work Experience Career Exploration Program (WE/CEP)
Grade 9 - F-0674, W-0675, S-0676
Grade 10 - F-0677, W-0678, S-0679

Prerequisites:

- Recommendation of Counselor
- Permission of Work Experience Coordinator

The Work Experience Career Exploration Program (WCEP) is a one or two-year program designed to help 9th and 10th grade students develop positive attitudes towards school and work, develop leadership skills, improve self-esteem and gain skills needed for entry-level employment and life long careers.

Students participating in this seminar will be responsible for maintaining a daily planner and use the supervised study time to complete and turn in daily academic assignments. reading and writing strategies along with self-management skills of self-respect, responsibility, resourcefulness and initiative will be emphasized.

Work Experience Seminar (WES)
Grades: 11-12
Prerequisite: Selection by Referral Committee and written permission or child study team recommendation.

WE/CEP 10 F- 0677, W-0678, S-0679
The goal of the Work Experience/Career Exploration Program (WE/CEP) for tenth graders is to teach and support positive attitudes and behaviors towards school and work. This includes developing communication, personal awareness, self-advocacy and leadership skills needed for successful school experiences and entry-level employment.
Students participating in this seminar will be responsible for maintaining a daily planner and use the supervised study time to complete and turn in daily academic assignments. Reading, writing and study strategies along with self-management skills of self-respect, responsibility, resourcefulness and initiative will be emphasized.

WE/CEP 9 F- 0674, W-0675, S-0676
The goal of the Work Experience/Career Exploration Program (WE/CEP) for ninth graders is to teach and support positive attitudes and behaviors towards school and work. This includes developing communication, personal awareness, self-advocacy and leadership skills needed for successful school experiences and entry-level employment.
Students participating in this seminar will be responsible for maintaining a daily planner and use the supervised study time to complete and turn in daily academic assignments. Reading, writing and study strategies along with self-management skills of self-respect, responsibility, resourcefulness and initiative will be emphasized.

WES SE Seminar 0671, 0672, 0673
Prerequisite: Child Study Team Recommendation

Work Experience Seminar (WES) A, B, C F-0668/W-0669/S-0670
Grades: 11-12
Prerequisite: Selection by Referral Committee and written permission or child study team recommendation.

World Language

College in the Schools German 4 F-7033/W-7034/S-7035

Grade: 12 Prerequisite: Successful completion of German 3C is required in order to sign up for this class. CIS German is a year-long, five-credit course offered through the University of Minnesota. Students who take the course will receive credit for 1003 at UMN. Students must register for the full year in order to receive credit. Students will improve their reading, writing, speaking and listening skills, as well as expanding their knowledge of German culture. We will be building on skills developed in German 1-3 and focusing on improving fluency and comfort in German. This course is governed by the rules and expectations of the University of Minnesota.

College in the Schools German 4 F-7033/W-7034/S-7035

Grade: 12 Prerequisite: Successful completion of German 3C is required in order to sign up for this class. CIS German is a year-long, five-credit course offered through the University of Minnesota. Students who take the course will receive credit for 1003 at UMN. Students must register for the full year in order to receive credit. Students will improve their reading, writing, speaking and listening skills, as well as expanding their knowledge of German culture. We will be building on skills developed in German 1-3 and focusing on improving fluency and comfort in German. This course is governed by the rules and expectations of the University of Minnesota.

College in the Schools German 4 F-7033/W-7034/S-7035

Grade: 12 Prerequisite: Successful completion of German 3C is required in order to sign up for this class. CIS German is a year-long, five-credit course offered through the University of Minnesota. Students who take the course will receive credit for 1003 at UMN. Students must register for the full year in order to receive credit. Students will improve their reading, writing, speaking and listening skills, as well as expanding their knowledge of German culture. We will be building on skills developed in German 1-3 and focusing on improving fluency and comfort in German. This course is governed by the rules and expectations of the University of Minnesota.

College in the Schools (CIS) Spanish 5 F-7113, W-7114, S-7115
Grade: 12
Prerequisite: This course is open to students in the top 30% of their class with a minimum B average in Spanish 4, and with instructor approval.
This course is equivalent to Spanish 1003 and 1004 at the University of Minnesota and students may earn 10 semester credits through the University of Minnesota. The focus of the course is communicative, working with all four modalities: reading, writing, speaking, and listening.

French 1 F-7001, 7002, 7003
Grades: 9-10-11-12
Beginning French. The first year of French emphasizes the basics of speaking, listening, reading and writing in French. Whenever possible, attention will be given to French culture, geography and history. At the end of their first year of French, students should be able to provide basic information about themselves, their friends and family, talk about their interests and count fluently.

French 2 F-7005, W-7006, S-7007
Grades: 10-11-12
Prerequisite: French 1
This course will build on the reading, speaking, listening and writing skills developed in French 1. The past tense is introduced, as well as new topics such as clothing, travel, home, shopping, entertainments and health. An optional summer trip to France is offered.

French 3 F-7009, W-7010, S-7011
Grades: 10-11-12
Prerequisite: French 2
This course will focus heavily on written and oral expression. Students learn a few new advanced tenses to further their knowledge of grammar. French history and art are explored. Reading skills are developed through authentic materials. Students participate in a presentation at the Minnesota Zoo during French Language Day.

French 4 F-7013, W-7014, S-7015
Grades: 11-12
Prerequisite: French 3
The fall trimester is dedicated to an in-depth study of advanced grammar concepts. Winter trimester focuses on literature, with the reading of short stories; written compositions and oral expression are strongly emphasized. In the spring trimester, we study French history and contemporary social issues are discussed through various authentic materials.

German 1 F-7021, W-7022, S-7023
Grades: 9-10-11-12
Prerequisite: None
Beginning German. We will work on the basics of speaking, listening, reading and writing in German. Some attention will also be given to German culture and history. By the end of the year, you should be able to talk about your interests, your family, and provide basic information about yourself and your friends.

German 1 F-7021, W-7022, S-7023
Grades: 9-10-11-12
Prerequisite: None
Beginning German. We will work on the basics of speaking, listening, reading and writing in German. Some attention will also be given to German culture and history. By the end of the year, you should be able to talk about your interests, your family, and provide basic information about yourself and your friends.

German 2 F-7025, W-7026, S-7027
Grades: 10-11-12
Prerequisite: German 1
In German 2 we will build on the speaking, listening, reading and writing skills developed in level one. The past tense will be introduced, as well as new topics including travel, animals, clothing, houses and celebrations. We will continue to use group and partner work to improve speaking and listening skills, with an additional focus on German culture and geography. GAPP trip to Germany is available!

German 3 F-7029**,** W-7030, S-7031
Grades: 10-11-12
Prerequisite: German 2
German 3 students will continue to work on their skills using authentic German materials, including songs, short stories and magazine articles. Further study of grammar will allow students to be more expressive in their speaking and writing. Students will be able to carry on longer conversations in German. A major project is

an oral presentation for German Language Day at the Minnesota Zoo. A GAPP trip to Germany is available!

Honors Spanish 2 F-7089, W-7090, S-7091
Grades: 9-10-11-12
Prerequisite: Teacher recommendation and superior performance in Spanish 1
Teacher recommendation and superior performance in Spanish 1 Honors Spanish 2 will study the same general topics as Spanish 2, but at an accelerated pace with additional readings and course material. Major emphasis is on oral participation.

Honors Spanish 3 F-7097**,** W-7098, S-7099
Grades: 10-11-12
Prerequisite: Honors Spanish 2 and instructor approval
Honors Spanish 3 will study the same general topics as Spanish 3, but at an accelerated pace with additional corresponding authentic materials.

Honors Spanish 4 F-7105/W-7106/S-7107
Grades: 11-12
Prerequisite: Honors Spanish 3 or instructor approval
Honors Spanish 4 will study the same topics as Spanish 4, but at an accelerated pace with additional corresponding authentic material.

Honors Spanish 4 F-7105/W-7106/S-7107
Grades: 11-12
Prerequisite: Honors Spanish 3 or instructor approval
Honors Spanish 4 will study the same topics as Spanish 4, but at an accelerated pace with additional corresponding authentic material.

Japanese 1 F-7041, W-7042, S-7043
Grades: 9-10-11-12
Prerequisite: None
Students begin by learning to respond appropriately to questions and directions and to pronounce basic greetings and expressions correctly. They also learn the Hiragana, or Japanese, alphabet as well as Katakana, the second syllabary script. They will also be introduced to Kanji, or Chinese characters. As they strengthen their reading and writing skills, their spoken language will expand to include topics about themselves and their friends and family, free-time activities, school and travel.

Japanese 2 F-7045, W-7046, S-7047
Grades: 10-11-12
Prerequisite: Successful completion of Japanese 1
Students study and use Japanese within its cultural context. Lessons deal with learning how to function adequately within a circle of Japanese friends. Verbs are given close attention, and students strengthen their language skills by learning more complicated sentence patterns, vocabulary, and kanji (Chinese characters) which help them to perform ordinary functions while visiting Japan. Lessons deal with expressions, sentence structures and vocabulary that center around shopping for food and clothes, working a part-time job, talking about pastimes, hobbies and personal skills. Emphasis is placed on all four aspects of language learning—listening, speaking, reading and writing. Reading and writing exercises become more extensive.

Japanese 3 F-7049, W-7050, S-7051
Grades: 11-12
Prerequisite: Successful completion of Japanese 2
Students study and use Japanese within its cultural context. Emphasis is placed on speaking skills and on narrative skills in writing. New verb forms are introduced. Plain speech is introduced and practiced extensively as students learn vocabulary and expressions centered around the topics of self, family and friends, school, driving in Japan, Japanese food and restaurants, personal health, using the telephone, household chores, and New Years in Japan. Students continue to add Kanji (Chinese characters) to their reading and writing vocabulary. Speaking and listening skills are strengthened by participation in class discussions.

College in the Schools Japanese F-7053/W-7054/S-7955

Grade: 12 Prerequisite: Students must have a B or better in Japanese 3C in order to register for the college portion of this course. Please contact the instructor for approval prior to registration. CIS Japanese 4 is a year-long six credit college course offered through the University of Minnesota. This course focuses on the advancement of students' proficiency in the four language areas: reading, writing, listening and speaking. Successful completion ensures a smooth transition to college. The course is governed by the rules and expectations of the University of Minnesota. Special note: students are reminded that a yearlong commitment is required and students must register for all three trimesters. The course will be conducted in Japanese.

College in the Schools Japanese F-7053/W-7054/S-7955

Grade: 12 Prerequisite: Students must have a B or better in Japanese 3C in order to register for the college portion of this course. Please contact the instructor for approval prior to registration. CIS Japanese 4 is a year-long six credit college course offered through the University of Minnesota. This course focuses on the advancement of students' proficiency in the four language areas: reading, writing, listening and speaking. Successful completion ensures a smooth transition to college. The course is governed by the rules and expectations of the University of Minnesota. Special note: students are reminded that a yearlong commitment is required and students must register for all three trimesters. The course will be conducted in Japanese.

Spanish 1 F-7081, W-7082, S-7083
Grades: 9-10-11-12
Prerequisite: None
The student begins to learn the four skills of listening, reading, writing and speaking Spanish. The basic grammatical structure of the language is introduced. There is a concentration in areas of listening, speaking and memorization of basic sentence structure, phrases, and vocabulary. Students learn about the geography and diversity of Hispanic culture. This course is for beginners.

Spanish 2 F-7085, W-7086, S-7087
Grades: 9-10-11-12
Prerequisite: Successful completion of Spanish 1
In Spanish 2, the student increases his/her ability to speak, read and write Spanish. Emphasis is placed on mastery of communicative skills in present and past tenses. Students will expand their knowledge of culture and geography.

Spanish 3 F-7093, W-7094, S-7095
Grades: 10-11-12
Prerequisite: Successful completion of Spanish 2
There is a greater emphasis on creative verbal and written expression. This class is taught predominately in Spanish

Spanish 4 F-7101, W-7102, S-7103

Grades: 11-12
Prerequisite: Success in Spanish 3
Fourth level students will continue to study the complexities of the language and expand their vocabulary through real-life situations. Oral presentations and written compositions will be required. Class is conducted in Spanish. Travel opportunities will be available. This class will prepare the student for CIS Spanish 5.

Spanish 4 F-7101, W-7102, S-7103
Grades: 11-12
Prerequisite: Success in Spanish 3
Fourth level students will continue to study the complexities of the language and expand their vocabulary through real-life situations. Oral presentations and written compositions will be required. Class is conducted in Spanish. Travel opportunities will be available. This class will prepare the student for CIS Spanish 5.

Spanish 4 F-7101, W-7102, S-7103
Grades: 11-12
Prerequisite: Success in Spanish 3
Fourth level students will continue to study the complexities of the language and expand their vocabulary through real-life situations. Oral presentations and written compositions will be required. Class is conducted in Spanish. Travel opportunities will be available. This class will prepare the student for CIS Spanish 5.