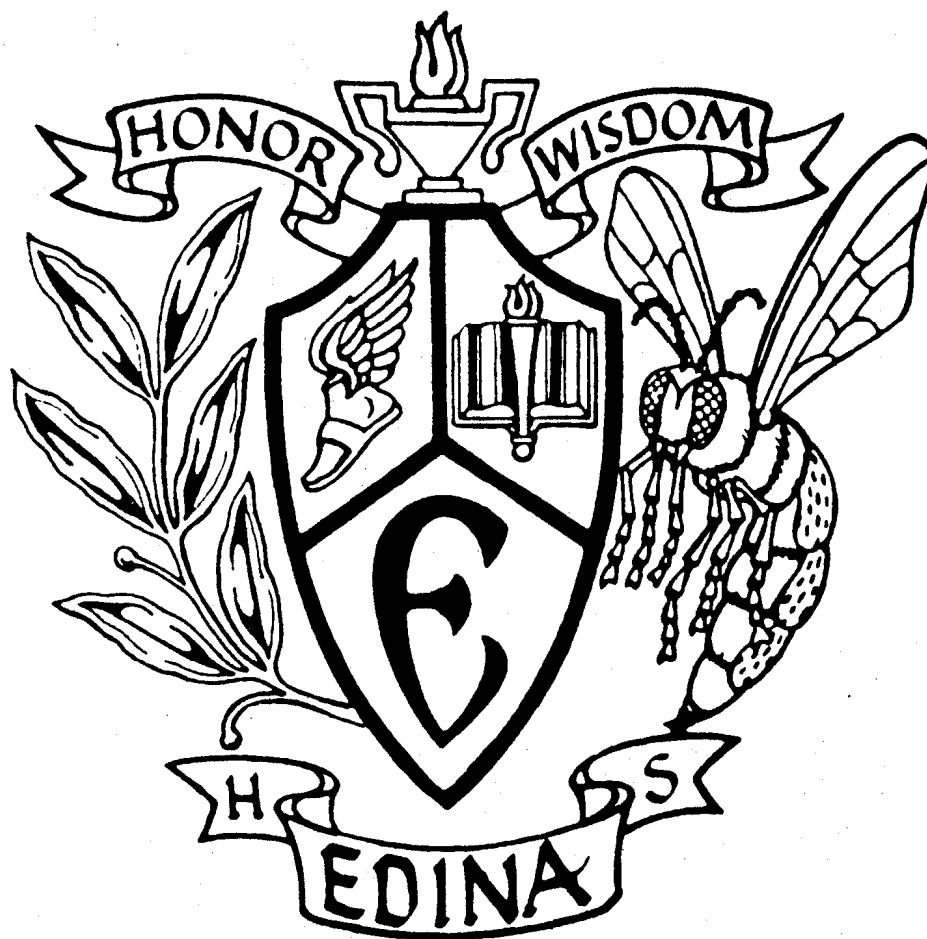


EDINA SENIOR HIGH SCHOOL



REGISTRATION CATALOG

2010-2011

*6754 Valley View Road
Edina, MN 55439
(952) 848-3800*

February, 2010

Dear Edina Students and Parents:

As you are aware, the world we live in is quickly changing economically. Many of the jobs that exist today will not be the same jobs that you will be competing for upon your graduation from college or the completion of training programs. Therefore, it is imperative that we, as a school, begin to equip you with the necessary skills to be successful at your next level, regardless of what that may be, in terms of college, vocational training or work. This process of equipping you for the next level starts with the registration process. Our registration catalog serves as a guide to the many academic programs offered at Edina High School. It contains course descriptions, specific information about graduation requirements, and general information for the planning of post-high school options. We recommend that you read this booklet carefully. It will prove helpful in answering many of your registration questions.

The personal contacts you make with faculty members and counselors at Edina High School will prove beneficial. Program planning is truly a team effort that involves parents, students and staff. The academic program at Edina High School is extensive and offers a wide range of opportunities. It is important for you to include the Edina staff in your decision making process. They will be happy to assist you in your efforts. Planning carefully now will continue to serve you well in your future years at Edina High School and beyond.

Consider the information in this catalog carefully. Making good academic decisions during your time at Edina High School will help you be successful as you render decisions that will impact your future. We want you to experience a fulfilling high school career. If you are uncertain about the planning resources available to you, please visit with your counselor.

We look forward to working with you during the 2010-2011 school year. Best wishes for a continued successful 2009-2010 school year!



Sincerely,
Dr. W. Bruce Locklear
Principal

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EDINA HIGH SCHOOL

**6754 Valley View Road
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(952) 848-3800 (phone)
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Ms. Janet Schmiel	Counselor (A-Bro)
Ms. Jeanne Brown	Counselor (Bru-Fo)
Mr. Mike Holbach	Counselor (Fr-J)
Ms. Lisa Burnham	Counselor (K-Mi)
Ms. Sandy Schmidt	Counselor (Mo-Sa)
Mr. Bill Hicks	Counselor (Sc-Z)
Mr. Doug Eischens	Social Worker
Ofcr. Kenna Dick	Police Liaison
Mr. Paul Lee	School Psychologist

EDINA PUBLIC SCHOOLS DISTRICT ADMINISTRATION

**District Office
5701 Normandale Road
Edina, MN 55424
(952) 848-3900**

Dr. Ric Dressen	Superintendent of Schools
Mr. Jay Willemsen	Director of Business Services
Ms. Penny Kodrich	Director of Special Services
Dr. Darlene Bell	Assistant Director of Special Services
Mr. Doug Johnson	Director of Community Education Services and Community Relations
Dr. Gwen Jackson	Director of Administrative Planning and Services
Dr. Jenni Norlin-Weaver	Director of Teaching and Learning
Mr. Steve Buettner	Director of Media and Technology Services
Dr. Chad Schmidt	Director of Research and Evaluation

EDINA BOARD OF EDUCATION

Ms. Idith Almog
Ms. Cathy Cella
Ms. Bert Ledder
Mr. Randy Meyer
Ms. Regina Neville
Mr. Peyton Robb
Ms. Lonni Skrentner

INTRODUCTION

The Edina High School curriculum has been planned to offer a wide range of courses and alternative learning experiences. It is our goal to meet each student's needs by offering many educational options. Courses of study offered at Edina High School and many off-campus programs are highlighted in this catalog. The conventional courses of study and alternative options of study are highlighted below.

CONVENTIONAL COURSES

Conventional courses are arranged in this catalog in the traditional subject areas listed below:

French Immersion (VVMS)	Science	Business
Mathematics	Social Studies	English
World Languages	Family & Consumer Sciences	Physical Education
Science, Tech, Engineering and Math	Performing and Fine Arts	Health

ALTERNATIVE LEARNING EXPERIENCES

Alternative learning experiences are courses and programs of study that differ in content or in other ways from conventional courses. Some of the experiences occur away from the school campus, some involve part-time employment and some are opportunities to provide service to others. More complete descriptions are located near the end of this registration guide. Alternative learning experiences include:

Options at Edina High School	Independent Study	Student Council
Community Education Services	Mentor Connection	Gifted Education
Hennepin Technical College	Northernstar Online	Guided Study Phys. Ed.
Post-Secondary Option Program	Zephyrus	Student Assistant
Special Education Services	English as a Second Language	Windigo
West Metro Education Program	College Partnerships	

COURSE CREDIT FOR LEARNING

The school district will provide students in grades 9-12 with the opportunity to receive course credit by assessment in extracurricular activities, activities outside of school, previous learning, and community and work experiences, provided such experiences meet approved academic standards. Application form and additional information are available at http://www.edina.k12.mn.us/edinahigh/counseling/pdfs/credit_learning.pdf. When a student requests recognition of work completed but for which no academic transcript exists, the student shall make application to the principal's office.

Not more than thirty (30) days after the application is filed, the principal shall inform the student and the student's parents of the committee's response and what evidence must be presented to certify the completion of the course. Evidence of completion might include letters of support and explanation from individuals or organizations who have actually witnessed the student's demonstration of the standards, oral or written tests or interviews, actual performances or demonstrations assessed by district staff or others knowledgeable in the specifications of the standards, and/or other as appropriate for the individual situation. A required high school course for graduation will require successfully completing and passing the Edina High School cumulative course assessment at a 'B' or better level, for which a 'passing' notation will be recorded on the transcript of work.

A student may attempt to earn credit by assessment only once for each course and may not earn credit by assessment for a course in which he/she previously received a grade or an incomplete. Courses that are sequential must be addressed in the same sequence. If a course requires a prerequisite, the student must have received credit for the prerequisite before attempting the assessment for the course. The student must continue to maintain full-time status during the process.

Assessment will encompass all applicable subject matter, including state and local standards. It can be in one or more format, including the following: a formal written test covering all or a portion of the course content, performance-based assessment, demonstration of skills, interview, development of a portfolio, presentation, exhibition, and/or written composition. A student must produce high-quality work and achieve at or above a 'B' level in order to receive credit by assessment. If the student does not achieve at this level, the credit is not awarded and the student must take the course in order to earn the credit.

The following procedure will be used to determine credit by assessment:

1. The student submits a completed application outlining the specifics as to how the course's academic standards and content will be accomplished and a proposal for assessment.

2. The principal or principal’s designee, area leader, and a teacher for the course will confirm the assessment or set of assessments, and the criteria for awarding credit. Once an assessment(s) has been established for a course, subsequent applicants will be evaluated using the same assessment(s) and criteria. However, adjustments can be made in order to reflect any changes to the course. The assessment(s) will be aligned with the content of the entire course and will include state and local standards.
3. In the event the student applies for a credit by assessment for a course not offered by the school district, the principal shall recruit a well-qualified and recognized authority in the content area of the course.
4. The student will complete all portions of the assessment(s) and submit it for evaluation within one semester. During the assessment(s), a student may request an explanation or clarification of an item or project from the teacher. If the student fails to complete the entire assessment process during the designated time period, the credit will be denied.
5. The team identified in step 2 will evaluate the assessment(s) and then consult with the student, informing him/her of the results of the assessment. The decision of the team is final.
6. If the student demonstrates high quality work and achieves at or above a ‘B’ level, he/she will be awarded credit for the course. A course grade of “passing” will be put on the student’s transcript.

If the student completes the assessment process in a satisfactory manner, the student’s transcript will show the credit earned and a course grade of “passing.”

GRADUATION REQUIREMENTS

Students must earn 42 semester credits in grades 9-12, including at least 30 in grades 10-12, in order to qualify for graduation. Students in grade 9 must register for eight credits each semester. Students in grade 10 must register for six credits each semester. Students in grades 11 and 12 must register for at least five credits each semester. A student registering for only five courses must also register for a study hall, student assistant or another alternative option for one period each day. Students must complete six semesters of study or the equivalent in grades 10-12 to graduate from Edina High School.

The following is a brief description of requirements; please refer to the individual subject sections of this guide and the *Graduation Requirements Worksheet*, available from the guidance office, for additional clarification.

Required Subjects	Credits	Minimal Required Courses
Mathematics	6	Algebra, Geometry, and coursework in probability and statistics (see page 7).
Science	6	Physics, Biology, and two additional semester credits.
Language Arts / English	8	Language Arts 9, English 10, American Literature, and two additional semester credits.
Physical Education	2	Physical Education 9, and one additional semester credit in grades 10-12.
Social Studies	7	Geography, U.S. Government, U.S. History, World History or European History, and Economics.
Arts	2	Coursework in visual arts, music, theater, dance, or media (see page 7).
Health	1	Health
Required Credits	32	
Elective Credits	10	
Total Credits Needed for Graduation	42	A minimum of 30 credits must be completed in grades 10-12.

BASIC SKILLS TESTS / GRAD (MCA-II)

Students in the Class of 2010 and beyond must pass the GRAD component of the MCA-II in the areas of Writing, Reading, and Mathematics. Students will be tested in Writing in grade 9, in Reading in grade 10, and in Mathematics in grade 11. Students who do not achieve a passing score on a test will have multiple opportunities to retest prior to scheduled graduation.

MINNESOTA ARTS AND MATHEMATICS-PROBABILITY AND STATISTICS REQUIREMENTS

The following courses satisfy the Minnesota Graduation requirements in the areas of Art and Mathematics-Probability and Statistics.

Courses that satisfy (or partially satisfy) the two credit Art requirement			
Department	Course	Credits	Grade(s)
Art	Art- Two Dimensional	1	9
Art	Art- Three Dimensional	1	9
Music	Band 9	2	9
Music	Choir 9	2	9
Music	Orchestra 9	2	9
Music	Exploring Music: Composition and Keyboard	1	9 (SV)
Lang Arts	Intro to Dramatics	1	9
Music	Varsity Choir	2	10,11,12
Music	Concert Choir	2	11,12
Music	Bel Canto Choir	2	11,12
Music	Mixed Choir	2	11,12
Music	Symphonic Band	2	10,11,12
Music	Varsity Band	2	10,11,12
Music	Concert Band	2	10,11,12
Music	Symphony Orchestra	2	11,12
Music	Philharmonic Orchestra	2	10
Theater	Introduction to Theater	1	10,11,12
Theater	Theater Production: Playwright / Director	1	10,11,12
Theater	Theater Production: Stagecraft	1	10,11,12
Art	Dance	1	10,11,12
Theater	Acting I	1	10,11,12
Theater	Acting II	1	10,11,12
FACS	Interior Design	1	10,11,12
Art	Ceramics I	1	10,11,12
Art	Ceramics II	1	10,11,12
Art	Ceramics III	1	11,12
Art	Ceramics IV	1	11,12
Art	Photography I	1	10,11,12
Art	Photography II	1	10,11,12
Art	Photography III	1	10,11,12
Art	Photography IV	1	11,12
Art	Drawing and Painting I	1	10,11,12
Art	Drawing and Painting II	1	10,11,12
Art	Drawing and Painting III	1	11,12
Art	Drawing and Painting IV	1	11,12
Courses that satisfy the Mathematics- Probability and Statistics requirement			
Department	Course	Credits	Grade(s)
Math	Geometry	2	10,11,12
Math	Functions, Statistics and Trigonometry	2	9,10,11,12
Math	AP Statistics and Trigonometry	2	10,11,12
Math	Standards Statistics	1	11,12

REGISTRATION

When planning for next year's school program each student must consider his/her needs, interests, abilities and tentative post-high school plans. It is recommended that each student seek information and advice from family members, teachers and counselors in addition to giving careful consideration to the course descriptions in this catalog. Special registration worksheets will be distributed to students in school. Students must be very careful to use the correct course title and course number when completing these worksheets. The courses that are listed with S1 and S2 are courses that meet during both semesters. This means that students must register for both semesters using both semester numbers. All course numbers are shown directly under the semester designations.

ENRICHED LEARNING AND COLLEGE CREDIT

Students have many enriched course offerings from which to choose. Such options include the possibility of earning college credit through the Advanced Placement Examination (AP) Program or College Level Examination Programs (CLEP). Additional information about enriched learning opportunities is included in this catalog, in the Career Center and/or from a counselor. Advanced Placement Examinations require payment of a fee. They are administered on campus each May in Art, U.S. History, Psychology, Biology, Environmental Science, Calculus, Chemistry, Computer Science, Economics, English, European History, French, German, Human Geography, U.S. Government, Latin, Physics, Music Theory, Statistics, and Spanish. College Level Examination Programs are administered at many colleges and universities upon the student's entry. Any student interested in this option should consult the catalog of the college or university to which he/she is applying. Specific courses that are designed to provide an enriched approach and/or to provide preparation for Advanced Placement examinations are as follows:

AP American Literature	AP Biology	AP Calculus (AB & BC)
AP Chemistry	AP Computer Science	AP Economics (Micro/Macro)
AP Environmental Science	AP European History	AP French V
AP German V	AP Human Geography	AP Latin V
AP Literature 12	AP Physics	AP Psychology
AP Spanish V	AP Spanish VI: Literature	AP Statistics and Trigonometry
AP U.S. Government	AP U.S. History	AP World History
Enriched Biology	Enriched English 10	Enriched Chemistry
Enriched French IV	Enriched Language Arts 9	Enriched Physics 9
Enriched Sociology	Enriched Spanish IV	

Advanced Placement (AP) courses are weighted at 1.2 in the student's GPA as compared to other courses offered in this registration guide. Courses identified as "Enriched" carry greater rigor but do not carry additional weighting over other courses.

COURSE CHANGES

COURSE ADDITIONS

Students may add a course during the first week of the semester, but only if there is available space in the desired section. Students are expected to complete all of the work that was assigned in the new course prior to their enrollment.

COURSE DROPS

Students may drop a course prior to the Friday after the first mid-quarter of each semester without penalty, provided the student maintains his/her minimum course load of five classes/credits. Course drop forms are available in the counseling office.

COURSE LEVEL CHANGES

Students may change levels of a course prior to the Friday after the first mid-quarter of each semester. Course level change forms are available in the counseling office.

POST HIGH SCHOOL PLANNING

COLLEGE AND CAREER CENTER

The College and Career Center contains college catalogs, various software programs, brochures and information sheets on all levels of job opportunities and requirements. Counselors are available to assist in providing available information or in obtaining additional printed information. The most common post high school possibilities are briefly described in the following paragraphs:

TYPICAL FOUR YEAR COLLEGES AND UNIVERSITIES

In general, being academically prepared for college means adequate preparation in English, history/social studies, mathematics and science. Many colleges and college programs require the study of a foreign language. Also, study in these fields may enable students to score higher on college entrance tests. Nearly all colleges expect students to have taken at least 18 semester credits in these college preparatory, academic areas while in grades 10-12. The more selective the college, the more preparation they expect in core academic disciplines.

To learn about specific admission requirements, students should consult websites, catalogs, and other informational materials, of the colleges and universities in which they are interested in possibly attending. In particular, please note their requirements for English credits. While Edina High School accepts courses such as Broadcast Journalism for English credit, some schools, such as the University of Wisconsin–Stout, may not accept them as part of a four-year admissions requirement in English. In addition, *Windigo* and *Zephyrus* will not meet the English requirement for either Edina High School or four-year colleges or universities. A very few universities, such as Arizona State University, may not accept courses such as Art of Film or Mass Media. As always, if a student has any questions about admission requirements, he/she should talk with their respective counselor.

Entrance requirements for more selective colleges and for several of the colleges of the University of Minnesota follow:

MORE SELECTIVE FOUR YEAR COLLEGES AND UNIVERSITIES

Most colleges require as a minimum the following courses/credits in Grades 9-12:

1. 8 credits in English (emphasis on writing, speaking and literature) (Grades 9-12)
2. 8 credits in math (2 years of algebra, 1 year of geometry, and 1 year of FST)
3. 6 credits in laboratory sciences (Grades 9-12)
4. 6 credits in social sciences (Grades 9-12)
5. 8 credits in a single world language*, strongly recommended (Grades 8-12)

* American Sign Language is accepted as a second language at most, but not all schools.

The expectations at competitive colleges are significantly higher. These colleges would expect prospective students to have challenged themselves by taking at least some Advanced Placement or enriched courses

UNIVERSITY OF MINNESOTA

Students planning to attend the University of Minnesota (Duluth, Morris or the Twin Cities) as freshmen should complete, at a minimum, the following in Grades 9-12:

1. 8 credits in English (emphasis on writing, speaking and literature)
2. 6-8 credits in mathematics (1 year each of algebra, geometry, advanced algebra, and FST or college algebra prep)
3. 6 credits in laboratory sciences (1 year each of a biological and a physical science)
4. 4 credits in a single world language (Grades 8-12)
5. 6 credits in social studies (United States history)

In addition, the University of Minnesota-Twin Cities requires one year (or 2 credits) in visual and performing arts, including instruction in the history and interpretation of the art form (e.g., theater arts, music, band, chorus, orchestra, drawing, painting, photography, graphic design, etc.)

We strongly encourage students to take courses beyond these minimum requirements. Additional coursework beyond these minimums increases a student's chances for admission. Indeed, while not requiring more courses, almost all, successful applicants present additional classes.

UNIVERSITY OF MINNESOTA: COLLEGE OF BIOLOGICAL SCIENCES, CARLSON SCHOOL OF MANAGEMENT, AND THE INSTITUTE OF TECHNOLOGY

Students planning to enter the Carlson School of Management, College of Biological Sciences or the Institute of Technology at the University of Minnesota are required to complete the following courses in grades 9-12:

1. 8 credits in English (emphasis on writing, speaking, and literature)
2. 8 credits in science (1 year each of chemistry, physics, and biology)
3. 8 credits in mathematics (1 year each of algebra, geometry, advanced algebra and FST)
4. 4-6 credits in a single world language (Grades 8-12)
5. 6 credits in social studies

UNIVERSITY OF MINNESOTA: ACCESS TO SUCCESS PROGRAM @ TWIN CITIES CAMPUS

No particular plan of high school courses is required. The primary mission of General Studies is to offer opportunities to students who have strong academic potential, but whose high school record suggests that they would benefit from additional support during their first year of college. Students must transfer to a degree-granting college within the University after successful completion of one year.

COMMUNITY COLLEGES

Community colleges offer some vocationally oriented programs involving one or two years of study to prepare for full-time employment. They also offer the first two years of a traditional four-year college program. Most community colleges admit any student who has graduated from high school. However, some programs have special admissions requirements. Interested students should check catalogs and/or speak directly with an admissions representative.

TRADE, BUSINESS AND TECHNICAL SCHOOLS AND COLLEGES

A wide variety of programs are offered in these schools, both public and private. Some involve prior training in high school. Interested students should check the catalogs of these schools in the Career Center or phone the school directly for suggested high school preparation.

JOB ENTRY AFTER HIGH SCHOOL

Students who plan to enter employment directly after high school graduation may want to consider courses to improve their skills in mathematics, communications, and technical fields. Students considering moving into employment directly out of high school should also consider that they may want to pursue post-secondary training at a later time.

MILITARY SERVICE

Many training opportunities are offered in the military services. Some of these involve special preparation in high school. Military information is readily available from the recruiters and in the Career Center. Recruiters from the various branches visit once each quarter.

ATHLETIC ELIGIBILITY COLLEGE-BOUND STUDENT-ATHLETE FOR DIVISION I OR II

If you intend to participate in Division I or II athletics as a college freshman, you must register and be certified by the NCAA Initial Eligibility Clearinghouse. The Clearinghouse is the agency that handles all eligibility for Division I and II athletics.

REGISTRATION PROCESS

Clearinghouse Registration Materials are available on the website www.eligibilitycenter.org that maintains and processes all of the initial-eligibility certifications.

Complete the online form at the website listed above or call the NCAA publications hotline at 800-638-3731 for a free copy of the Guide for the College-Bound Student-Athlete which contains the registration forms and a Clearinghouse brochure. This guide can also be viewed online in the Student-Athlete Eligibility and recruiting section of the web site.

TEST SCORES

To be certified, you must submit your ACT or SAT scores to the NCAA Clearinghouse. Your scores must be sent directly from the testing agency to the Clearinghouse.

CORE COURSE GUIDELINES/NCAA INITIAL-ELIGIBILITY CLEARINGHOUSE

Students inquiring about approved core courses should consult with the NCAA Clearinghouse website at https://web1.ncaa.org/eligibilitycenter/general/index_general.html. The EHS school code for all NCAA documents is 240708. Students should see their counselor if they have questions about anything related to the NCAA or athletic eligibility.

GRADE 9 COURSE SELECTIONS SOUTH VIEW/VALLEY VIEW MIDDLE SCHOOLS

ART

ELECTIVE ART COURSES

Course Offering: **ART 2D (Two-dimensional)**

Course Offered: **Semester 1 or 2**

Course Number: **091104**

This course partially satisfies the Arts requirement.

This course is designed for students to explore and work in a variety of two-dimensional materials and concepts. Projects include sketching, drawing, painting and printmaking, with an emphasis on developing individual style. Students will focus on art from historical perspectives.

Course Offering: **ART 3D (Three-dimensional)**

Course Offered: **Semester 1 or 2**

Course Number: **091105**

This course partially satisfies the Arts requirement.

This class is designed for students to explore and work in a variety of three-dimensional materials and concepts. Students will explore sculptures, assemblage, figure sculptures and pottery, with an emphasis on developing individual style.

Course Offering: **INTRODUCTION TO DRAMATICS (Offered at SV as an Art elective)**

Course Offered: **Semester 1 or 2**

Course Number: **091509**

This course partially satisfies the Arts requirement.

This semester elective course is a performance-based workshop open to all 9th graders interested in theatre background and performance skills. As a performance arts class, students are welcome to take this class to continue to improve their performance skills. Activities include movement, improvisation and scene work from plays. Students will learn about the history of theatre and about theatre-related jobs. They will also learn some stagecraft techniques, such as designing and creating masks, costumes and/or sets. The class includes a field trip to a theatrical production and a final Drama Workshop in which all of the drama students will perform in front of an audience.

LANGUAGE ARTS

REQUIRED LANGUAGE ARTS COURSE

Course Offering: **LANGUAGE ARTS**

Course Offered: **Full Year**

Course Number: **091505**

This course will develop increasingly complex skills in reading and analyzing literature and composition. Students will continue to read high quality literature in all genres. In addition, students will read a Shakespeare play, poetry and complex non-fiction. They will conduct research and utilize their findings. The high standard of read, view and listen is placed in this course. Credit achieved for this course meets state graduation requirements. Enriched sections will also be offered. Placement in these sections will be determined by student interest and achievement, standardized test scores and teacher recommendation. Summer reading will be required of enriched students.

ELECTIVE LANGUAGE ARTS COURSES

Course Offering: **CREATIVE WRITING**

Course Offered: **Semester 1 or 2**

Course Number: **091507**

This course is organized as a writing workshop. In class pre-writing, revising and finalizing papers will be followed by reading aloud. Assignments include descriptive, narrative and expository writing, as well as poetry. Major projects may include a short story, children's book or a memoir. Students are encouraged to submit offerings for publications. Open to all grade 9 students interested in writing.

Course Offering: INTRODUCTION TO DRAMATICS
Course Offered: Semester 1 or 2
Course Number: 091509

This semester elective course is a performance-based workshop open to all grade 9 students interested in theatre background and performance skills. As a performance arts class, students are welcome to take this class to continue to improve their performance skills. Activities include movement, improvisation and scene work from plays. Students will learn about the history of theatre and about theatre-related jobs. They will also learn some stagecraft techniques, such as designing and creating masks, costumes and/or sets. The class includes a field trip to a theatrical production and a final Drama Workshop in which all of the drama students will perform in front of an audience. Credit achieved for this course meets state graduation requirements.

Course Offering: THEATRE PRODUCTION 9 (VV ONLY)
Course Offered: Semester 1 or 2
Course Number: 091511

This course partially satisfies the Arts requirement.

This advanced course offers to serious students of drama a hands-on experience in bringing a play from “the page to the stage”. A significant work of dramatic literature is chosen for production each semester. This class becomes a course in collaborating and problem solving as the students assist in all aspects of the production process, from casting to design to business considerations. Students in this class will be involved in the actual production of a play.

FAMILY & CONSUMER SCIENCES

ELECTIVE FACS COURSES

Course Offering: FOOD & PERSONAL NUTRITION
Course Offered: Semester 1 or 2
Course Number: 091305

This is a lab-oriented semester course focused on basic food preparation and nutrition. Food preparation techniques, nutrition principles, and food safety are reinforced through many lab experiences. A variety of learning situations offer students alternative ways to learn about healthy lifestyles. Students will have the opportunity to locate recipes and prepare the food of their choice, considering several planning factors. Current nutrition trends and concerns in the news are incorporated into learning and many nutrition topics related to teens are explored.

Course Offering: FABRICS (SV ONLY)
Course Offered: Semester 1 or 2
Course Number: 091306

This is a semester course designed to provide a background in fabrics and related topics such as clothing selection, managing personal resources, individuality, clothing care and practical application. Construction techniques which include technical reading will be used to create an individualized project based upon the student's readiness and previous experience. Emphasis is given to projects created from polar fleece, such as jackets and accessories. There is no pre-requisite, but prior sewing experience (such as grade 7 FACS) is helpful.

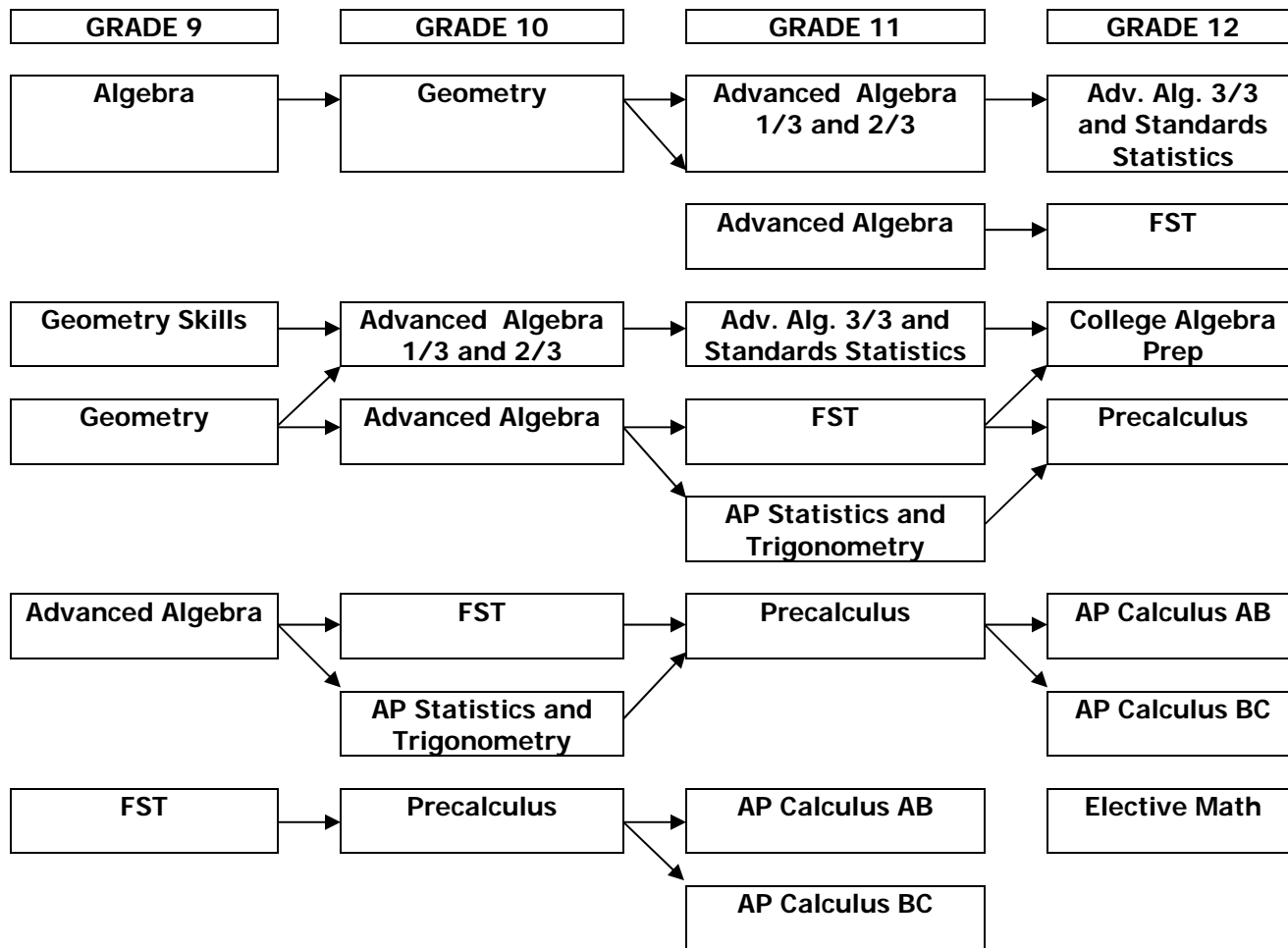
Course Offering: TEEN TOPICS
Course Offered: Semester 1 or 2
Course Number: 091312

This is a semester course where students have the opportunity to explore and focus on the teen years with special emphasis on friends and family, school, individual activities & abilities, and issues that have an impact on teens. Decision-making skills, communication skills, problem solving skills, and conflict management are utilized.

MATHEMATICS

Students are required to take a full year of mathematics in grades 6, 7, 8 and 9. Each student will be placed in the most appropriate mathematics path based on teacher recommendation and test results. Recommendations for placement in the accelerated path are made at the end of the student's grade 5 year. Test scores, as well as teacher recommendation and parental input, are used in making this placement. All students are exposed to the same mathematics, but at different pacing and levels of enrichment. Appropriate placement in mathematics classes is regularly monitored and reviewed for each student. University of Chicago math materials are used in all math courses.

MATHEMATICS CURRICULUM SEQUENCE



Course Offering: GEOMETRY
Course Offered: Full Year
Course Number: 161610

The principal emphasis of this course is the study of geometric concepts and applications. Coordinates, measurement ideas (including the ideas of area and volume), congruence and similarity are studied. Geometric constructions are described as algorithms. Prior study of algebra, through linear systems and the quadratic formula, is required. Students in this course will be assessed on the high school standard for math applications on the concepts of shape, space and measurement. Credit achieved for this course meets state graduation requirements.

Course Offering: GEOMETRY SKILLS (SV ONLY)
Course Offered: Full Year
Course Number: 091609

The principal emphasis of this course is the study of geometric concepts and applications. Coordinates, measurement ideas (including the ideas of area and volume), congruence and similarity are studied. Geometric constructions are described as algorithms. Prior study of algebra, through linear systems and the quadratic formula, is required. Students in this course will be assessed on the high school standard for math applications on the concepts of shape, space and measurement. Geometry Skills is formed for students who need additional review of algebraic concepts and additional time and teacher support to meet the standards of this course. Credit achieved for this course meets state graduation requirements.

Course Offering: ADVANCED ALGEBRA
Course Offered: Full Year
Course Number: 161679

Students in this course will demonstrate the ability to analyze mathematical patterns, relationships and functions to model and solve problems. In particular, the course promotes students' use of algebraic forms, power and roots,

and functions based on these concepts. Logarithmic, trigonometric, polynomial and other special functions are also studied through the use of University of Chicago-designed materials.

Course Offering: FUNCTIONS, STATISTICS AND TRIGONOMETRY

Course Offered: Full Year

Course Number: 091642

This course satisfies the Mathematics-Probability and Statistics requirement.

The course enables the students to display, describe, transform, and interpret numerical information represented as data, graphs, or equations. Using a graphing calculator, the students visualize functions, explore relations between equations and their graphs, simulate experiments, generate and analyze data, and develop limit concepts.

Prerequisite: Advanced Algebra

MUSIC

ELECTIVE MUSIC COURSES

Course Offering: EXPLORING MUSIC: COMPOSITION & KEYBOARD (SV ONLY)

Course Offered: Semester 1 or 2

Course Number: 091713

This is an elective class for those students wishing to expand their musical interests in a non-performance keyboard laboratory class. Individualized activities, including music composition, music theory and various forms of multimedia, will be explored through synthesizers, technology and student-generated projects. Electronic keyboards, plus current music software programs, will be used to foster the individual creativity of each student. Credit achieved for this course meets state graduation requirements.

Course Offering: CHOIR 9

Course Offered: Full Year

Course Number: 091714

Completion of both semesters of this course fully satisfies the Arts requirement.

Choir 9 is a full-year, alternating-day course that is designed for the rehearsal and performance of both serious choral literature and modern pop arrangements. Fundamentals of music theory continue to be studied. All Choir 9 members are required to perform in the December Holiday Concert, the Masterworks Concert and in the annual Spring Concert. These concerts are evening performances. In addition, ensemble groups will be added during the year based on the interests and abilities of choir members.

Course Offering: BAND

Course Offered: Full Year

Course Number: 091715

Completion of both semesters of this course fully satisfies the Arts requirement.

This full-year, alternating-day course is designed to offer band students further opportunities to improve and expand their performance skills. Instruction will include beginning marching experience, as well as advanced materials that will aid the student in preparing to bridge the gap to high school performances. Sectionals are offered on a rotating basis. Concerts are scheduled throughout the school year. Solo Festival participation is required as further preparation for high school performance requirements. *Prerequisite:* Band 8 or director's approval. Ensemble groups, such as Jazz Band or other small groups, will be formed during the course of the school year based upon student interest and abilities.

Course Offering: ORCHESTRA

Course Offered: Full Year

Course Number: 091716

Completion of both semesters of this course fully satisfies the Arts requirement.

This full-year, alternating-day course is designed to provide instrumental students an opportunity to perform in a large orchestral group. Students have the opportunity to perform as soloists and in small ensembles. In-school and public performances are scheduled throughout the year. Commitment to out-of-class individual practice time on a daily basis should be a strong consideration. Orchestra students are required to perform in three evening concerts per year. Ensemble groups will be formed during the course of the school year based upon student interest and ability.

PHYSICAL EDUCATION & HEALTH

REQUIRED PHYSICAL EDUCATION

Course Offering: PHYSICAL EDUCATION

Course Offered: Semester 1 or 2

Course Number: 091805

In this semester course, students will participate in the team sports of basketball, broomball, flag football, floor hockey, lacrosse, soccer, softball, speedball, volleyball, and ultimate Frisbee. Individual activities that promote lifetime fitness and personal wellness include aerobics, badminton, bowling, dance, golf, physical fitness, swimming, track and field, tennis, and weight training. Safety concepts, rules, and etiquette are emphasized in all activities. Credit achieved for this course meets state graduation requirements.

ELECTIVE PHYSICAL EDUCATION COURSE

Course Offering: PHYSICAL EDUCATION—COMPETITIVE GAMES (SV ONLY)

Course Offered: Semester 1 or 2

Course Number: 091806

This semester course is designed for students who desire an activity class that is highly competitive. Each class period consists of highly competitive games and tournaments in which winning teams/individuals are awarded points. Numerous individual and team activities are offered, including badminton, basketball, bowling, golf, football, floor hockey, soccer, speedball, swimming, tennis, team handball, ultimate frisbee, and volleyball. Safety concepts, rules and etiquette are emphasized in all activities.

Course Offering: HEALTH

Course Offered: Semester 1 or 2

Course Number: 161402

Grade Levels Offered: 9, 10, 11, 12

This course is designed for students to gain knowledge and attitudes to make informed decisions that enhance individual, family, and community health. Community Resource speakers, projects, simulations, and small group work will be used to augment the verbal and written work. Students will study areas of contemporary health issues. Course units include: Safety and First Aid; Nutrition and Fitness; Diseases and Disorders; Mental Health and Stress Management; Drug Use; and Healthy Relationships. Specific topics include: eating disorders, all sexually transmitted infections including HIV and means of transmission, abstinence and contraception, breast and testicular cancer, and drug use. Specific topics may determine the most appropriate grade level for a student to take Health. This is the same required course available to students in grades 10, 11, and 12 at Edina High School.

SCIENCE

REQUIRED SCIENCE COURSE

Course Offering: PHYSICS

Course Offered: Full Year

Course Number: 091904

This full year Physics course emphasizes a conceptual understanding of the fundamental principles governing the universe. This solid foundation in Physics will prepare students for success in all other areas of science. This course will cover motion, forces, waves, sound and light, heat, electricity, magnetism, and nuclear physics. Problem solving and laboratory skills will also be emphasized. Credit achieved for this course meets state graduation requirements. Enriched sections will also be offered. To be considered for an enriched section, students must have a high interest in doing in-depth, advanced work in science; be placed in advanced algebra (strongly recommended); have the ability and willingness to express organized ideas, thoughts and concepts orally and in writing; be responsible and have highly-developed study skills. Teacher recommendations and standardized test scores will also be taken into consideration.

SCIENCE, TECHNOLOGY, ENGINEERING AND MATH (STEM)

Course Offering: PROJECT LEAD THE WAY: INTRODUCTION TO ENGINEERING DESIGN
Course Offered: Semester 1 and 2
Course Number: 092306 292306

This course introduces students to engineering design. Students will learn about and apply the design process to solve real engineering problems. Students will learn to effectively document the solution to an engineering problem through sketching, modeling in three-dimensional CAD software, the creation of working drawings, and the use of a three-dimensional printer to create rapid prototypes. As students learn to solve engineering problems, they will learn to apply many different elements of design (visual, functional and structural) to their solution, to work in teams to solve problems (including a virtual teaming activity with another school), and to analyze the effects of engineered products on society from an environmental and ethical standpoint. This course serves as the foundational class for the high school series and is one of four that will be available within the Project Lead The Way Engineering Program for the 2011/2012 school year. Soon to be available will be Principles of Engineering (POE), Civil Engineering and Architecture (CEA), and Digital Electronics (DE). This course will be eligible for up to 3 college credits with successful course completion and mastery of the college credit end-of-the-year exam.

SOCIAL STUDIES

REQUIRED SOCIAL STUDIES COURSES

Course Offering: U.S. GOVERNMENT
Course Offered: Full Year
Course Number: 092004

This course is designed to provide students with a comprehensive analysis of the authority, structure and procedure of American government. Major topics include the constitutional foundation, the politics of democracy and the roles of the executive, legislative and judicial branches in the federal system. Emphasis is placed on the rights and responsibilities of citizenship in a democracy. In addition, students should develop the skills of inquiry and research necessary to interpret and make judgments regarding government actions in a complex society and world. Contemporary events, as they relate to course topics, are discussed through the year. Credit achieved for this course meets state graduation requirements.

Course Offering: ECONOMIC PRINCIPLES
Course Offered: Full Year
Course Number: 092010

In this year-long grade 9 economics course, students will analyze the systematic ways in which people address the problem of allocating scarce resources to satisfy unlimited wants with an emphasis on the American market system. Students will be introduced to the basic principles of micro- and macroeconomics through role-plays, manipulatives, simulations, both in class and on the computer as well as using field trips and guest speakers. Students will be expected to apply these principles to problems concerning individuals and businesses, and in making the bridge between government policy and the economy. There will also be an exploration of globalization and its impact on the United States and international economies. This course will also feature a hands-on approach to personal investment and finance. This will include taxes and taxation, budgets, debt, credit cards, banking systems and economic decision making. Credit achieved for this course meets state graduation requirements.

WORLD LANGUAGES

All grade 9 students are required to enroll in a world language class.

Course Offering: FRENCH IIB
Course Offered: Full Year
Course Number: 162204

This course is a continuation of the grade 8 French curriculum. The class is taught primarily in French to promote oral and listening proficiency. Communication skills are emphasized and students are expected to speak French in class. In addition to deepening students' understanding of grammar, the units studied also promote students' cultural understanding as well as language development. *Prerequisite:* Successful completion of French II-A or teacher approval.

Course Offering: GERMAN IIB
Course Offered: Full Year
Course Number: 162214

This course is a continuation of the grade 8 German curriculum. The class is taught primarily in German to promote oral and listening proficiency. Communication skills are emphasized and students are expected to speak German in class. In addition to deepening students' understanding of grammar, the units studied also promote students' cultural understanding as well as language development. *Prerequisite:* Successful completion of German II-A or teacher approval.

Course Offering: LATIN IIB
Course Offered: Full Year
Course Number: 162224

This class is a continuation of the grade 8 Latin curriculum. In order to increase understanding of the basic forms, structures and cultures of Latin, students learn grammar and vocabulary through reading the ongoing storyline. Topics studied include history and daily life, as well as Roman Egypt. Vocabulary building, both in Latin and English, is a major goal of this class. *Prerequisite:* Successful completion of Latin II-A or teacher approval.

Course Offering: SPANISH I
Course Offered: Full Year
Course Numbers: 092232

This course is designed for students who have no previous experience in Spanish. Students learn basic Spanish expressions, vocabulary and structural forms. The emphasis of the class is on communication in the present tense in all four modalities (speaking, reading, writing and listening). Students will make cultural comparisons and connections with the Spanish-speaking world.

Course Offering: SPANISH IIA
Course Offered: Full Year
Course Number: 162233

This course is designed for students who have taken some Spanish prior to grade 9, but who need additional time to master the objectives of that course. 9th graders signing up for Spanish IIA will be placed with other students, most likely 8th graders, who are also at the Spanish IIA level. Students will continue to develop communication skills while learning structural forms that are necessary in order to proceed on to Spanish II at Edina High School in grade 10. Students use video, tapes, dialogues, and other activities to perform and progress to the second level of oral and written proficiency. Spanish culture study continues at this level. *Prerequisite:* Instructor recommendation.

Course Offering: SPANISH IIB
Course Offered: Full Year
Course Number: 162234

This course is a continuation of the grade 8 Spanish II-A curriculum. The class is taught primarily in Spanish to promote oral and listening proficiency. Communication skills are emphasized and students are expected to speak Spanish in class. In addition to deepening students' understanding of grammar, the units studied also promote students' cultural understanding as well as language development. *Prerequisite:* Successful completion of Spanish II-A or instructor approval.

EXTENDED FRENCH COURSES (VALLEY VIEW ONLY)

Course Offering: FRENCH LANGUAGE ARTS 9 (taught in French)
Course Offered: Full Year
Course Number: 092294

In this class students will study communication, listening, writing mechanics, thinking skills and reading in the French language. These language arts skills will also be emphasized and reinforced in the other French and English subject areas. Students will also have the opportunity to develop the cultural awareness necessary for international communication and understanding of attitudes and values of target cultures. A special emphasis is placed on French media and news in order to complete the middle level graduation standard in the traditional program's comparable Inquiry Arts class. The whole language instructional approach will utilize novels, various stories, magazines and videos.

Course Offering: ENRICHED FRENCH IV - IMMERSION (taught in French)
Course Offered: Full Year
Course Number: 092295

This course prepares students for AP French V. It includes a review of French grammar designed to meet the needs and learning styles of continuing immersion students as well as the history of France from its beginning to the Renaissance. Students also analyze current events in order to increase their vocabulary and cultural knowledge. This course is offered at Valley View Middle School for students who need a challenging enriched course in grade 9. *Prerequisites:* French Language Arts 8 AND successful placement test along with grade 8 teacher recommendation.

Course Offering: FRENCH CULTURE 9 (taught in French)
Course Offered: Full Year
Course Number: 092792

Building on the French Culture grade 8 course, students will continue to learn about French culture through its art, music, and traditions. The students will compare the French media to their own (television, advertising, and comic strips). Students will also study transportation systems (planes, trains, subway, cars) and what they would need to know in order to travel within Paris and utilize hotels, restaurants, museums, and banks, etc. This class is intended to assist students in the transition from elementary school to the middle school. They will be presented with a curriculum that includes organizational, study, test-taking and interpersonal skills. It also provides individual or group study time, assistance from teachers and an opportunity for service activities. Band and orchestra students participate in this also, every other day.

GRADES 10-12 COURSE SELECTIONS EDINA HIGH SCHOOL

PERFORMING AND FINE ARTS

DANCE

All courses in dance are elective.

Course Offering: INTRODUCTION TO DANCE
Course Offered: Semester 1 or Semester 2
Course Numbers: 171751 271751
Grade Levels Offered: 10, 11, 12

This course partially satisfies the Arts requirement.

This introductory course to movement is designed to teach students the basics of contemporary, cultural, and classical dance styles. Students will learn the rudimentary steps that all dance genres are based upon and how to properly execute these movements. Students will then build upon these basic movements to learn the basic steps of several dance genres. These genres will include, but not be limited to, Ballet, Jazz and Tap. Besides dancing in class each day, students will learn about dance styles and genres by attending at least two professional dance performances. After surveying the basic movements of each genre, students will be required to complete choreography and performance projects that demonstrate their understanding of the dance genre.

MUSIC PERFORMANCE

All courses in music are elective.

Course Offering: CHOIR
Course Offered: Semester 1 and 2
Course Numbers: 171722 271722
Grade Levels Offered: 10, 11, 12

Completion of both semesters of this course fully satisfies the Arts requirement.

All students who intend to participate in choir must register with the course numbers above. All sophomores will be enrolled in Varsity Choir. All other students will audition in the spring of 2008.

Varsity Choir (10,11,12)–Varsity Choir is a two-semester, non-auditioned, course that seeks to develop good vocal techniques through rehearsal and performance experience. Vocal technique and sight-reading skills are a part of each rehearsal. Repertoire for Varsity Choir ranges from serious choral literature to contemporary pop arrangements. Attendance is required at the Holiday Concert, Masterworks Concert and the Happenin’ show in spring.

Concert Choir (11,12)–Concert Choir is a two-semester course that focuses primarily on the rehearsal and performance of quality standard choral literature from the Renaissance through the Twentieth Century. Auditions with the director are required prior to registration. When applicable and appropriate, fundamentals of music theory and music history are reviewed. Vocal technique and sight-reading are stressed in every rehearsal. Concert Choir appears publicly several times during the year and tours annually in the spring. Attendance is required at each performance, which includes the Holiday Concert, Masterworks Concert and Current Jam.

Bel Canto (11,12)–Bel Canto is a two-semester auditioned choir designed especially for the rehearsal and performance of three-part treble music (Soprano I, Soprano II and Alto). Vocal technique and basic sight-reading skills are part of each rehearsal. All Bel Canto members are required to perform in the Holiday Concert, Masterworks Concert and the Happenin’ show in the spring.

Mixed Choir (11,12)–Mixed Choir is a two-semester course that focuses primarily on improving vocal skills through performance of outstanding choral literature from all historical periods. Auditions with the director are required prior to registration. Vocal technique and sight-reading skills are a part of each rehearsal. Attendance is required at the Holiday Concert, Masterworks Concert and the Happenin’ show in the spring.

Course Offering: **BAND**
Course Offered: **Semester 1 and 2**
Course Numbers: **171733 271733**
Grade Levels Offered: **10, 11, 12**

Completion of both semesters of this course fully satisfies the Arts requirement.

All students who intend to participate in band must register with the course numbers above. Placement in all bands at Edina High School is by audition. Students will be assigned to one of the following bands according to skill level, needs, and interest.

Concert Band—Concert Band is a full-year course with emphasis on the development of good ensemble playing through the performance of the standard literature for band. There are a wide variety of classical, popular and service performance opportunities for full band, small ensembles and soloists. In January and February, during preparations for the annual POPS concerts, two full band rehearsals a week are held outside the school day. During the fall quarter all members of the Concert Band will automatically become members of the Marching Band. Most of the Marching Band preparations will be done during regularly scheduled class hours, but some outside of school rehearsals will be necessary. These will be scheduled at the discretion of the head Marching Band director in relation to the home football schedule and weather conditions. Members who are assigned to Concert Band will perform at concerts, select home winter sports activities, and state and regional competitions.

Varsity Band—Varsity Band is a full-year course with emphasis on the development of good ensemble playing through the performance of the standard literature for band. There are a wide variety of classical, popular and service performance opportunities for full band, small ensembles and soloists. During the fall quarter all members of the Varsity Band will automatically become members of the Marching Band. Most of the Marching Band preparations will be done during the regularly scheduled class hours, but some outside of school rehearsals will be necessary. These will be scheduled at the discretion of the head Marching Band director in relation to the home football schedule and weather conditions. Members who are assigned to Varsity Band will perform at concerts, select home winter sports activities, and state and regional competitions.

Symphonic Band—Symphonic Band is a full-year course with emphasis on the development of good ensemble playing through the performance of the standard literature for band. There are a wide variety of classical, popular and service performance opportunities for full band, small ensembles and soloists. During the fall quarter all members of the Symphonic Band will automatically become members of the Marching Band. Most of the Marching Band preparations will be done during regularly scheduled class hours, but some outside of school rehearsals will be necessary. These will be scheduled at the discretion of the head Marching Band director in relation to the home football schedule and weather conditions. Members who are assigned to Symphonic Band will perform at concerts, select home winter sports activities, and state and regional competitions.

Course Offering: **SYMPHONY ORCHESTRA**
Course Offered: **Semester 1 and 2**
Course Numbers: **171742 271742**
Grade Levels Offered: **11, 12**

Completion of both semesters of this course fully satisfies the Arts requirement.

Membership in the orchestra is open to all string players who have had previous instrumental training. Emphasis is on the development of good ensemble playing through the performance of the standard works of orchestral repertoire. Concerts and recitals will be performed in the community and in school. These include a Cabaret, All City and a Spring Concerto concert. There are also contests and a yearly tour. Some rehearsals are scheduled outside the school day in preparation for major performing events.

Course Offering: **PHILHARMONIC ORCHESTRA**
Course Offered: **Semester 1 and 2**
Course Numbers: **171743 271743**
Grade Levels Offered: **10, 11**

Completion of both semesters of this course fully satisfies the Arts requirement.

This is a full-year course. Membership in the orchestra is open to all string players who have had previous instrumental training. Emphasis is on the development of good ensemble playing through the performance of standard works of orchestral repertoire. Concerts and recitals will be performed in the community and in school. These include a Winter Concert, Cabaret Concert, All-City Concert, and Spring Concerto Concert. There are also contests and a yearly tour. Some rehearsals are scheduled outside the school day in preparation for major performing events.

GENERAL MUSIC

Course Offering: MUSIC IN OUR LIVES
Course Offered: Semester 1 or Semester 2
Course Numbers: 171711 271711
Grade Levels Offered: 10, 11, 12

This course partially satisfies the Arts requirement.

This semester-long course will allow students to experience music and explore its importance throughout world history and cultures. The study of specific historical genres will include rock 'n roll, jazz, western music, world music, protest music and music of the cinema. Students will also examine the history of music finance and the role of the musician. Students will be introduced to music principles and performance through the learning of basic music reading and beginning guitar.

THEATER

All courses in theater are elective.

Course Offering: INTRODUCTION TO THEATER
Course Offered: Semester 1
Course Numbers: 171543
Grade Levels Offered: 10, 11, 12

This course partially satisfies the Arts requirement.

This course is designed to introduce students to the many aspects of the art of theater. The history and literature of theater from Greek origins to the present day are examined. Stage exercises include group relaxation, movement, concentration, and improvisation, as well as intensive scene work from known plays. Students read, perform, and write about dramatic literature as well as create their own material. During the semester, students will experience theater both as a process and a final product, both as performers and audience.

Course Offering: THEATER PRODUCTION: PLAYWRIGHT/DIRECTOR
Course Offered: Semester 2
Course Numbers: 271546
Grade Levels Offered: 10, 11, 12

This course partially satisfies the Arts requirement.

In this semester course, students will study major themes in theater, and write scenes including monologues and dialogues. Students will also participate in a group written production and they will learn to block and direct plays. Students who take this class will write and perform a play that will be produced in The Edina Performing Arts Center. *Prerequisite:* Introduction to Theater taken either at the middle school or high school.

Course Offering: THEATER PRODUCTION: STAGECRAFT
Course Offered: Semester 1
Course Numbers: 171547
Grade Levels Offered: 10, 11, 12

This course partially satisfies the Arts requirement.

This semester course is for designers, artists, and builders. Students will be assigned to research, design, build, and maintain props and sets created for Edina High School theater productions. Students who take this class will be key individuals for all productions at Edina High School including concerts, plays, workshops, and other events as needed. *Prerequisite:* Introduction to Theater taken either at middle school or high school.

Course Offering: ACTING I
Course Offered: Semester 1 or Semester 2
Course Numbers: 171548 271548
Grade Levels Offered: 10, 11, 12

This course partially satisfies the Arts requirement.

This semester course is designed to develop the skills of acting for the theater. Students will learn: 1) healthy vocal production, 2) improvisation, motivation, and exploration to establish character, 3) to evaluate self, each other, and outside mediums, 4) the history and current trends in acting, and 5) audition techniques. Students will receive feedback from and work with professionals in the field and participate in formal and informal performances. *Prerequisite:* Introduction to Theater taken either at the middle school or high school.

Course Offering: **ACTING II**
Course Offered: **Semester 2**
Course Numbers: **271549**
Grade Levels Offered: **10, 11, 12**

This course partially satisfies the Arts requirement.

This second semester course is designed to fine-tune the skills of acting for the theater. Students who take this course will audition for and perform in the student one act plays. The Acting II students will also learn techniques in acting for the camera. Students will learn: 1) healthy vocal production, 2) improvisation, motivation, and exploration to establish character, 3) to evaluate self, each other, and outside mediums, 4) the history and current trends in acting, and 5) audition techniques. Students will receive feedback from and work with professionals in the field and participate in formal and informal performances. *Prerequisite:* Introduction to Theater taken either at the middle school or high school.

VISUAL ARTS

All courses in visual arts are elective.

Course Offering: **CERAMICS I**
Course Offered: **Semester 1 or Semester 2**
Course Numbers: **171111 271111**
Grade Levels Offered: **10, 11, 12**

This course partially satisfies the Arts requirement.

Students will spend the semester learning the basics of creating functional hand built and wheel thrown pottery. The students will explore a variety of decorative techniques. Students will also be introduced to sculpture. \$30.00 fee for materials

Course Offering: **CERAMICS II**
Course Offered: **Semester 1 or Semester 2**
Course Numbers: **171112 271112**
Grade Levels Offered: **10, 11, 12**

This course partially satisfies the Arts requirement.

Students will expand their skills in both hand building and wheel thrown pottery. The students will study both realistic and abstract sculpture. \$30.00 fee for materials. *Prerequisite:* Ceramics I

Course Offering: **CERAMICS III**
Course Offered: **Semester 1 or Semester 2**
Course Numbers: **171113 271113**
Grade Levels Offered: **11, 12**

This course partially satisfies the Arts requirement.

Students will continue to build on their functional and sculptural ceramic skills. The students will begin to develop an individual style and work in series as they refine their skills. \$30.00 fee for materials. *Prerequisite:* Ceramics II

Course Offering: **CERAMICS IV**
Course Offered: **Semester 1 or Semester 2**
Course Numbers: **171114 271114**
Grade Levels Offered: **11, 12**

This course partially satisfies the Arts requirement.

Students will choose an area of interest, either sculptural or functional. A portfolio will be developed in a self-directed manner. Students will also study, analyze, and reflect on the work of artists who have or are creating work of interest to them. \$30.00 fee for materials. *Prerequisite:* Ceramics III

Course Offering: **PHOTOGRAPHY I**
Course Offered: **Semester 1 or Semester 2**
Course Numbers: **171121 271121**
Grade Levels Offered: **10, 11, 12**

This course partially satisfies the Arts requirement.

Students will learn all of the basics of 35mm camera operation and photo creation. They will learn to develop 35 mm film prints. Emphasis will be placed on creating artistic photographs using the elements of art; value, composition, clarity, and presentation will be stressed. Registrants for this course will be expected to provide a 35mm camera with manual light and speed adjustments. \$40.00 fee for materials.

Course Offering: **PHOTOGRAPHY II**
Course Offered: **Semester 1 or Semester 2**
Course Numbers: **171122 271122**
Grade Levels Offered: **10, 11, 12**

This course partially satisfies the Arts requirement.

Students will continue to expand their skills in creating black and white photographs. Emphasis will be placed on the value, clarity, composition, and presentation of each photograph. Students will create a personal theme based portfolio, using photo- altering techniques. Registrants for this course will be expected to provide a 35mm camera with manual light and speed adjustments. \$40.00 fee for materials. *Prerequisite:* Photography I

Course Offering: **PHOTOGRAPHY III**
Course Offered: **Semester 1 or Semester 2**
Course Numbers: **171123 271123**
Grade Levels Offered: **11, 12**

This course partially satisfies the Arts requirement.

Students will build on the information they learned in Photography II. Students will develop a theme-based portfolio and explore various experimental photographic techniques. Registrants for this course will be expected to provide a 35mm camera with manual light and speed adjustments. \$40 fee for materials. *Prerequisite:* Photography II

Course Offering: **DIGITAL PHOTOGRAPHY**
Course Offered: **Semester 1 or Semester 2**
Course Number: **171131 271131**
Grade Levels Offered: **10, 11, 12**

In this course students will create works of art through the manipulation of images obtained through digital photography, the internet and scanning. Projects will range from self-expressive fine art, to graphic design work. Students will utilize Adobe Photoshop and Illustrator software. \$30.00 fee for printing costs. *Prerequisite:* Photography I

Course Offering: **DRAWING & PAINTING I**
Course Offered: **Semester 1 or Semester 2**
Course Numbers: **171141 271141**
Grade Levels Offered: **10, 11, 12**

This course partially satisfies the Arts requirement.

Students will learn the basics of representational drawing and painting from life. Students will draw and paint from still life's, the human figure, and landscapes. Drawing materials will include pencil, charcoal, pastel and pen and ink. Painting materials will include watercolor and acrylic paint. \$20.00 fee for materials.

Course Offering: **DRAWING & PAINTING II**
Course Offered: **Semester 1 or Semester 2**
Course Numbers: **171142 271142**
Grade Levels Offered: **10, 11, 12**

This course partially satisfies the Arts requirement.

Students will continue to expand their knowledge of drawing and painting media and techniques learned in Drawing and Painting I with an emphasis on mixed media. Students will create a portfolio of mixed media theme-based works. Printmaking and sculpture will also be introduced. \$20.00 fee for materials. *Prerequisite:* Drawing & Painting I

Course Offering: **DRAWING & PAINTING III**
Course Offered: **Semester 1 or Semester 2**
Course Numbers: **171143 271143**
Grade Levels Offered: **11, 12**

This course partially satisfies the Arts requirement.

Students will use various art media to creatively solve artistic theme problems. Media combination and experimentation will be encouraged and the works of various artists throughout history will be studied to facilitate the development of individual artistic style. \$20.00 fee for materials. *Prerequisite:* Drawing & Painting II

Course Offering: **DRAWING & PAINTING IV**
Course Offered: **Semester 1 or Semester 2**
Course Numbers: **171144 271144**
Grade Levels Offered: **11, 12**

This course partially satisfies the Arts requirement.

Students will use combined media to create works of art that show individual artistic style. In addition to enhancing their own styles, students will continue their study of artists throughout history. \$20.00 fee for materials.

Prerequisite: Drawing & Painting III

BUSINESS EDUCATION
All courses in Business are elective.

Course Offering: ENTERTAINMENT AND SPORTS MARKETING
Course Offered: Semester 1 or Semester 2
Course Number: 171229 271229
Grade Levels Offered: 10, 11, 12

This introductory leadership course provides a foundation for the preparation of an entertainment or sports business enterprise. This course would enhance the choices to students searching for business electives that are more current with the needs of the global marketplace.

Course Offering: BUSINESS BY DESIGN
Course Offered: Semester 1 or Semester 2
Course Numbers: 171227 271227
Grade Levels Offered: 10, 11, 12

This course will give students the opportunity to explore how businesses are designed—how they are organized, operate and compete in the global marketplace. As part of the course, case studies ranging from young entrepreneurs to established corporations will be used to illustrate a variety of concepts such as business plan development, financing, management styles and principles, use and impact of technology, public relations, and human resource development. Developing employability skills will be a focus of the course during the entire semester. Guest speakers and hands-on projects such as "The Stock Market Game" will be included in the course.

Course Offering: DECA
Course Offered: Semester 1 or Semester 2
Course Numbers: 171217 271217
Grade Levels Offered: 10, 11, 12

DECA is a co-curricular, student-centered organization specifically designed to provide activities that will motivate secondary students to learn marketing, management and entrepreneurial competencies that will prepare them to become skilled employable workers and students in the field of marketing. Students will have the opportunity to compete in competitive events at local, state, and national conferences.

Course Offering: DECA II
Course Offered: Semester 1 or Semester 2
Course Numbers: 171218 271218
Grade Levels Offered: 11, 12

This class is an Advanced Marketing Course that will be offered to students who have successfully completed DECA. Students will integrate their class experiences with the local business community. Students will study advanced marketing topics relating to buyer behavior, products, channels of distribution, promotion, pricing, and social issues. Students will be required to become an active participant with the Chamber of Commerce. Students will demonstrate their leadership skills by managing the school business (DeCafe) and will be the leaders for the DECA chapter.

Course Offering: JUMPSTART TO PERSONAL FINANCE
Course Offered: Semester 1 or Semester 2
Course Numbers: 171241 271241
Grade Levels Offered: 10, 11, 12

This course will teach students to set goals, create budgets to live within your means, compare services of financial resources, research and analyze credit alternatives (credit cards), manage personal resources responsibly, prepare income taxes, and research and compare information regarding major decisions about spending money, including the psychology of investing. The class will include discussion, team projects, computer-aided instruction, simulations, and guest speakers who work with personal financial planning. Students will be invited to participate in the National Financial Literacy Challenge, an opportunity to earn national recognition for your financial knowledge.

ENGLISH

The grades 9-12 graduation requirement in English consists of eight semester courses chosen as follows:

(2 semester credits)	Language Arts 9	
(2 semester credits)	English 10, English 10: Guys, or Enriched English 10	
(2 semester credits)	American Literature (or AP American Literature or American Literature: Genres)	
(2 semester credits)	Select from:	
	World Literature: Senior Seminar I	World Literature: Senior Seminar II
	Advanced Placement World Literature	Mass Media
	Creative Writing	Public Speaking
	Art of Film I: Genre and Theme	Art of Film II: The Director
	Journalism: Print and Broadcast	

While Edina High School accepts Journalism: Print and Broadcast for English credit, some schools may not accept it as part of a four-year admissions requirement in English. In addition, *Windigo* and *Zephyrus* will not meet the English credit requirements for either Edina High School or four-year colleges or universities.

Profile of a Successful Enriched or Advanced Placement Level Student

Students who are successful in enriched and advanced placement language arts are self-directed learners who love to read, do read and choose classics as well as contemporary texts that provide a challenge. They also enjoy writing, do write and enjoy refining and revising their work. In enriched sections students will be asked to read more frequently (including summer reading), read texts that are more complex, and analyze what they read in greater depth, complexity, and independence using tools of literary analysis. Students will write more frequently, be expected to write more skillfully, and do so with more sophistication and independence.

Course Offering: ENGLISH 10
Course Offered: Semester 1 and Semester 2
Course Numbers: 171517 271517
Grade Levels Offered: 10

English 10 refines the language arts skills of reading, literary analysis, writing, vocabulary development, research, critical thinking, speaking, listening, visual literacy, and digital literacy. Each unit includes a classical work and a contemporary text so that students can explore the connections between the past and their world today. Some selections align with the World History sophomore course so that students can make interdisciplinary connections through their study of world cultures. Selections include both Western and non-Western texts that reflect diversity in race, gender, age, economics and geography. Intensive writing instruction will help students develop thinking skills and a personal voice. Students will write formal assessments each semester as well as maintaining a blog to create an authentic audience for other writing assignments.

Course Offering: ENGLISH 10: GUYS
Course Offered: Semester 1 and Semester 2
Course Numbers: 171518 271518
Grade Levels Offered: 10

The focus of this all-boy course is creating a climate which encourages and supports boys' engagement, discussion and writing about literature. The course uses and refines the language arts skills of reading literature, writing and research, and speaking, listening and media literacy by building on the skills taught in the middle schools and introducing new ones. Students will explore literature which reflects struggle and conflict (both personal and societal), ethical consequences/justice, and both historic and contemporary classical cultures. Students will read both Western and non-Western literature including contemporary and classic works, fiction and nonfiction, poetry and drama that reflects diversity in race, gender, age, economics and geography. Students will develop critical thinking and literary analysis skills with increasingly complex literature using Paideia seminars and other discussion strategies. In addition students will read choice texts each quarter. Regular instruction in vocabulary will use both explicit lessons and literature.

Course Offering: ENRICHED ENGLISH 10
Course Offered: Semester 1 and Semester 2
Course Numbers: 171577 271577
Grade Levels Offered: 10

The depth, rigor, and overall pacing and independence are more demanding in enriched language arts courses. Students will use the vocabulary of literary analysis in their discussions and use Paideia seminars and other

discussion strategies to develop critical thinking and literary analysis skills. Students will write more frequently, and their writing will focus on the author's style and techniques. Literature selections will focus on the universal theme of *Searching for Identity* as students will read both Western and non-Western literature including fiction and nonfiction, poetry and drama. In addition students will read choice texts each quarter. Writing instruction and assessment will use the Six Traits of writing, rubrics and exemplars. A portfolio may be used as one assessment component to show students' writing growth. Research skills will be taught throughout the course culminating in an independent research project. *Prerequisite:* Summer reading as assigned.

Course Offering: AMERICAN LITERATURE AND COMPOSITION
Course Offered: Semester 1 and Semester 2
Course Numbers: 171521 271521
Grade Levels Offered: 11

American Literature and Composition fulfills the junior year English requirement. Students will read and analyze representative texts from the American tradition including fiction, drama, poetry, non-fiction and film. By looking at texts through the framework of *The Examined Life*, *The Examined Text*, they understand how to look closely at literature and what its examination reveals about American life and value both historically and in the 21st century. A variety of instructional modes and assessments will be used.

Course Offering: ADVANCED PLACEMENT AMERICAN LITERATURE AND LANGUAGE
Course Offered: Semester 1 and Semester 2
Course Numbers: 171583 271583
Grade Levels Offered: 11

This full-year course is more rigorous in all ways. Works of American authors from before 1700 to the present include Hemingway, Lahiri, Franklin, Paine, Hawthorne, Emerson, Thoreau, Dickinson, Whitman, Twain, Hurston, Fitzgerald, Faulkner, Steinbeck, Frost, Pound, Wilson, O'Brien, Kingston, and others. The study of literature is more academic, abstract, and theoretical, and students will work more independently, often at a faster pace. To further develop their skills in complex analysis, interpretation and evaluation of literature, students will use several analytical tools. AP level expectations in writing emphasize depth and quality of ideas in students' analysis of literature and fluency and grace in their presentation. Research and oral presentations are important components of this course. Rehearsals for the two AP tests occur throughout the year. *Prerequisite:* Summer reading is required as assigned.

Course Offering: AMERICAN LITERATURE: GENRES
Course Offered: Semester 1 and Semester 2
Course Numbers: 171522 271522
Grade Levels Offered: 11

This course fulfills the junior year English requirement. It provides the American Lit and Composition curriculum with a focus on developing the skills students may need to refine or may still need to grasp in regards to reading comprehension, retention, vocabulary skills, and writing. At times students may read selections from a text rather than the entire text. Other times they may read alternative selections. However, the course goals and major units are the same.

Note: Students must choose a minimum of two more semesters of English selected from the following courses.

Course Offering: WORLD LITERATURE I: A SENIOR SEMINAR
Course Offered: Semester 1
Course Numbers: 171528
Grade Levels Offered: 12

In this senior-only course, students analyze contemporary and classical literature, film, music and art from around the world. World Literature I examines the essential question: How do science and technology, religion and philosophy, and the arts (music, poetry and the fine arts) explain what it means to be human? In World Literature students will improve their reading, speaking, listening, writing, studying, viewing, and thinking skills as well as become increasingly autonomous learners through student-led seminars, cooperative literature circles, and student choice book units.

Course Offering: WORLD LITERATURE II: A SENIOR SEMINAR
Course Offered: Semester 2
Course Numbers: 271528
Grade Levels Offered: 12

In this senior-only course, students analyze contemporary and classical literature and film from around the world. World Literature II examines the essential question: How do humans express themselves through their political and personal relationships? In World Literature students will improve their reading, speaking, listening, writing, studying, viewing, and thinking skills as well as become increasingly autonomous learners through student-led seminars, cooperative literature circles, and student choice book units. World Literature I is not a prerequisite to World Literature II, although students will be enriched by taking both semesters.

Course Offering: ADVANCED PLACEMENT WORLD LITERATURE AND LANGUAGE
Course Offered: Semesters 1 and Semester 2
Course Numbers: 171581 271581
Grade Levels Offered: 12

This course is a full-year literature course for seniors at the Advanced Placement level. During the first semester, texts focus on the nature of tragedy and the tragic hero(ine) and the place of fate and destiny from the point of view of the Greeks all the way through our contemporary writers. Key writers include Sophocles, Shakespeare, Stoppard, Achebe, Brecht, and Dostoevsky. Second semester the texts focus on culture, community and isolation looking particularly at the social conflict between society and those who don't fit into society or those who sit in judgment of society. Key writers include Dante, Conrad, Coetzee, Joyce, Kafka, and Woolf. In addition, students will study an extensive range of poetry and non-fiction and prepare for the Advanced Placement tests. Summer reading is required. *Suggested but not required prerequisite:* AP American Literature.

Course Offering: THE ART OF FILM I: GENRE AND THEME
Course Offered: Semester 1 or Semester 2
Course Numbers: 171551 271551
Grade Levels Offered: 10, 11, 12

This course is an opportunity to view, analyze and interpret many films students wouldn't otherwise be exposed to. Students will learn the language and techniques of film so that they may be active participants in the viewing of them, rather than passive observers – critical thinking is a must. Genres studied include the Western, screwball/romantic comedy, and film noir. Thematic units include Style and Social Critique and Films about Filmmakers. Throughout the semester, students will learn about specific films studied and film history through readings, and demonstrate knowledge by writing about films viewed outside of class. The final project allows students to write, film, and edit their own short film or present a study of a genre or theme to the class.

Course Offering: THE ART OF FILM II: THE DIRECTOR
Course Offered: Semester 2
Course Numbers: 271554
Grade Levels Offered: 10, 11, 12

In Art of Film II: The Director, students will build on their knowledge of film technique and sharpen their critical viewing skills, developed in Art of Film I, by studying in depth the films of several important directors past and present, American and international. Students will analyze multiple works from each director, identifying and interpreting common styles and themes throughout the director's work, while learning about their cinematic and cultural significance. Students will illustrate their mastery of key concepts in a variety of ways – discussion, oral presentation and analytical writing are all important components of the course. The final project requires students to study a director of their choice and present their findings to the class. Possible directors to be studied in class during the semester include Alfred Hitchcock, Robert Altman, Akira Kurosawa, the Coen brothers, Mira Nair and Wes Anderson. *Prerequisite:* Art of Film I: Genre and Theme.

Course Offering: CREATIVE WRITING
Course Offered: Semester 1 or Semester 2
Course Numbers: 171515 271515
Grade Levels Offered: 10, 11, 12

This semester-long workshop helps students refine creative writing skills and processes. The workshop structure allows students substantial independent writing time that is guided through mini-lessons and individual conferences with small groups and the teacher. The first quarter focuses on exercises that lead students to complete a collection of short stories and poetry. Play-writing, nonfiction, and revision of earlier work will shape second quarter. Their own pieces will demonstrate new knowledge of writing and reflect on more advanced ideas that include satire and author intent. Students will maintain blogs, complete a Microsoft Photo Story project during the course, and they

will also read literature that will model various techniques and help them expand their imaginative repertoire. At the end of the semester, students will have an extensive writing portfolio.

Course Offering: **JOURNALISM: PRINT AND BROADCAST**

Course Offered: **Semester 1 or Semester 2**

Course Numbers: **171514 271514**

Grade Levels Offered: **10, 11, 12**

In this course students will explore the foundations and future of print, broadcast and digital journalism. Students will complete multiple writing, editing and video exercises. Students will work on the skills of research, reporting, drafting, editing, publication and broadcasting. Students will showcase the refinement of these skills in a final web log project published online. In addition, students will showcase their broadcasting talents in podcasting and a television show. In order to develop critical analysis, students will explore all aspects of print and broadcast journalism including history, law, ethics, standards and the shaping role of technology in the discipline.

Course Offering: **MASS MEDIA**

Course Offered: **Semester 1 or Semester 2**

Course Numbers: **171552 271552**

Grade Levels Offered: **10, 11, 12**

This one semester course introduces students to the various forms of mass media and their effects on society. Students learn how mass media is used to influence what they buy, how they think, and what to believe in. The class learns about persuasion in the media through such units as New Media, Radio/Music Business, Television, Target Audience, Gender Issues and Stereotypes, and Advertising Industry.

Course Offering: **PUBLIC SPEAKING**

Course Offered: **Semester 1 or Semester 2**

Course Numbers: **171542 271542**

Grade Levels Offered: **10, 11, 12**

In this course students will study, practice, and apply the theory and techniques of formal public speaking. Informative, persuasive, and special occasion speeches are included. Students will employ research, organization, reasoning and delivery skills in a variety of speaking situations. Students will learn techniques to increase confidence, methods of adapting to a variety of audiences, and ways to support ideas with sound evidence and logic.

FAMILY AND CONSUMER SCIENCES

All courses in Family and Consumer Sciences are elective.

Course Offering: INTERIOR DESIGN

Course Offered: Semester 1

Course Numbers: 171340

Grade Levels Offered: 10, 11, 12

This course partially satisfies the Arts requirement.

This course is designed to introduce students to interior design. Topics studied include room and home design, reading and drawing floor plans, application of color and design principles, room and furniture arrangement, and careers in the field of interior design. A major project is designing a house and furnishing this house within a specific budget.

Course Offering: CHILD PSYCHOLOGY I

Course Offered: Semester 1

Course Numbers: 171321

Grade Levels Offered: 10, 11, 12

This course is designed to help students recognize and understand the development of young children. Areas studied include: the decision to parent, pregnancy, parenting skills, developmental stages, computer-assisted preschool learning, play materials and activities. Students will work with and observe children in a classroom activity center for a portion of the semester.

Course Offering: CHILD PSYCHOLOGY II

Course Offered: Semester 2

Course Numbers: 271322

Grade Levels Offered: 10, 11, 12

Child Psychology II allows students to explore the development of children focusing on the early childhood, school age and adolescent stages of development. The area of study will include social, emotional, physical and intellectual child development. Students will also study family structures and families in society today. A portion of the semester class will be devoted to students developing and managing a Play School for 5 weeks. Here the students develop and implement activities for children that attend the Play School. Performance expectations for students involve exploration of the development of early childhood, school age and adolescent children. Research to develop further understanding of the functions of families and working within a family unit will include social, emotional, intellectual and physical development.

Course Offering: PSYCHOLOGY OF RELATIONSHIPS I

Course Offered: Semester 1

Course Numbers: 171323

Grade Levels Offered: 10, 11, 12

Did you know you are part of a relationship group? The group could be at home, school, on the job, etc. Units covered in this course will be self-concept, societal groups, communication, grief, and decision-making.

Course Offering: PSYCHOLOGY OF RELATIONSHIPS II

Course Offered: Semester 2

Course Numbers: 271324

Grade Levels Offered: 10, 11, 12

Take a look at yourself. Have you changed over the years? Just as you have changed, so have weddings, marriages, and families. Units covered in this course will be dating, marriage, family relations, and living on your own.

Course Offering: CREATIVE FOODS

Course Offered: Semester 1

Course Numbers: 171331

Grade Levels Offered: 10, 11, 12

This course is designed to increase the student's skills in basic food preparation. Emphasis is on practical experiences of cooking and nutrition. Labs include breads, main dishes, side dishes, cakes, desserts and snacks.

Course Offering: INTERNATIONAL FOODS

Course Offered: Semester 2

Course Numbers: 271332

Grade Levels Offered: 10, 11, 12

This course is designed to introduce students to international cuisine and gourmet cooking. Students can broaden their creative and decorative talents and appreciate new flavors and dishes. This course will focus on international meals, to be planned and prepared by the students. A major emphasis of this course is global awareness and the role of food in different cultures.

Course Offering: ADVANCED FOODS

Course Offered: Semester 2

Course Numbers: 271333

Grade Levels Offered: 12 (10 and 11 only with prerequisite)

This course is an advanced foods class that will include topics of food science, food presentation, garnishes, and herbs and spices. Students will also tour through the regional foods of the United States. We will also have a unit on cooking for one, tailored for those on a budget during the post high school years. *Prerequisite:* Open to seniors or any student that has already taken Creative Foods or International Foods.

Course Offering: FASHION DESIGN

Course Offered: Semester 1 or Semester 2

Course Numbers: 171311 271311

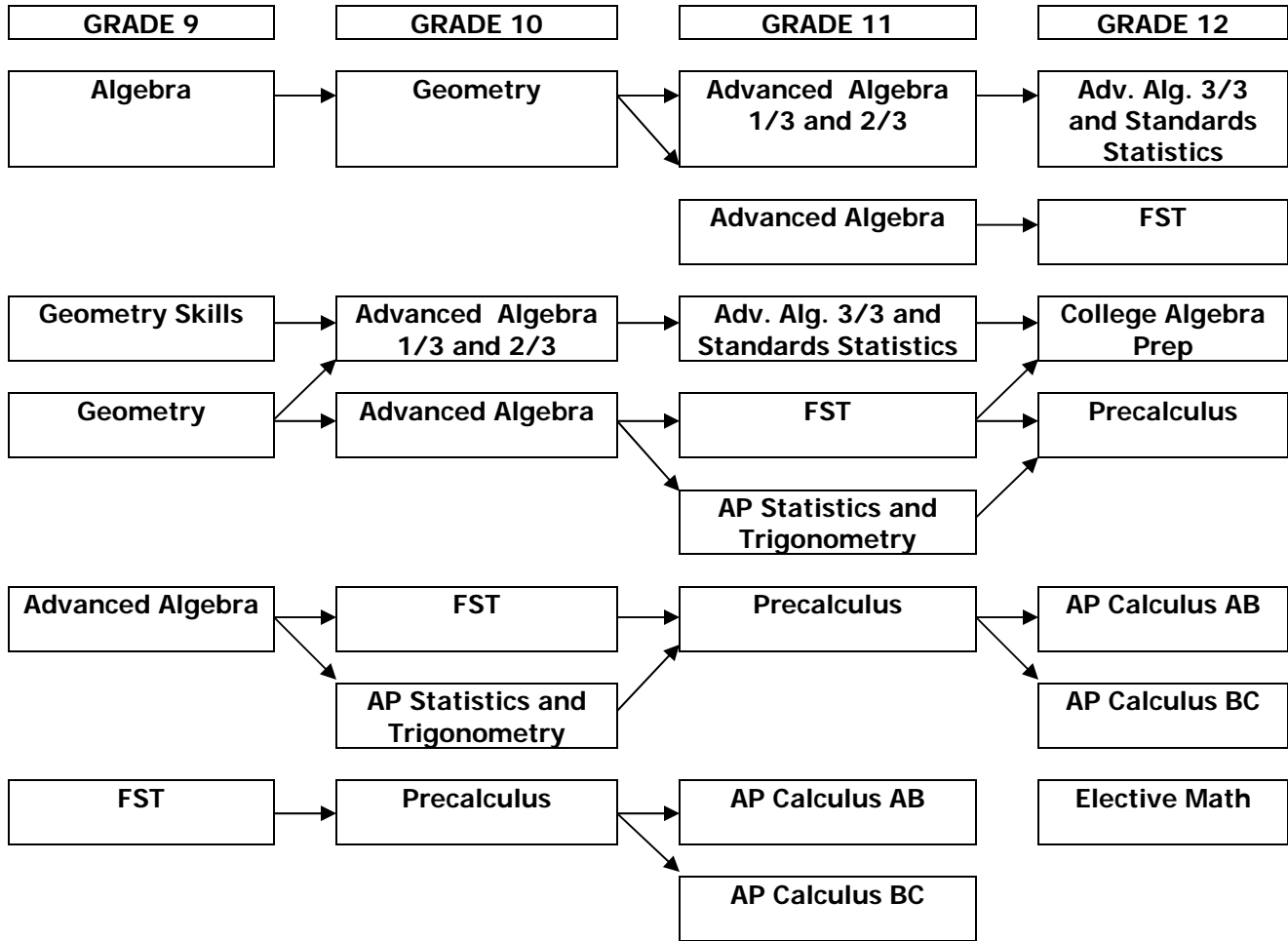
Grade Levels Offered: 10, 11, 12

This course is designed to introduce students to fashion design. Topics include the history of fashion, clothing influences, the elements and principles of design, fashion designers, wardrobe planning and careers in fashion. The course also offers an elective fashion tour in New York City.

MATHEMATICS

Students must complete three years of mathematics in grades 9-12. The coursework used to meet this requirement must include algebra, geometry, and statistics and probability. Students can satisfy the statistics and probability requirement by completing one of the following: *Functions, Statistics and Trigonometry*; *Geometry*; *Standards Statistics*; or *AP Statistics and Trigonometry*. Most colleges expect that students have completed coursework through Advanced Algebra.

MATHEMATICS CURRICULUM SEQUENCE



MATHEMATICS CORE COURSES

Course Offering: EDINA MATH I
Course Offered: Semester 1 & 2
Course Numbers: 171605 271605
Grade Levels Offered: 10, 11, 12

Edina Mathematics I is the first year of a two year sequence designed to personalize learning for students who have completed some but not all of the Grades 9 – 11 Minnesota Mathematics Standards. Students will either have completed or be making progress toward completion of standards in: I. Mathematical Reasoning; II. Number Sense, Computation and Operations; III. Patterns, Functions and Algebra; IV. Data Analysis, Statistics and Probability; and V. Spatial Sense, Geometry and Measurement at the grades 9 – 11 level. Although the standards included in the two year Edina Mathematics sequence are the same as the standards included in an Algebra, Geometry, Algebra 2 sequence, the Edina Mathematics delivery model allows for students to begin their learning in different places and to progress at different paces. When the course is completed, the course title on the student’s transcript will reflect the content mastered by the student. The course title will be selected from the following: Algebra Part I - Edina Math, Algebra Part II - Edina Math, Geometry Part I - Edina Math, Geometry Part II - Edina Math, Advanced Algebra Part I – Edina Math, Advanced Algebra Part II – Edina Math. Students will be assigned to this course based on their performance in previous mathematics courses and standardized test scores.

Course Offering: EDINA MATH II
Course Offered: Semester 1 & 2
Course Numbers: 171605 271605
Grade Levels Offered: 10, 11, 12

Edina Mathematics II is the second year of a two year sequence designed to personalize learning for students who have completed some but not all of the Grades 9 – 11 Minnesota Mathematics Standards. Students will either have completed or be making progress toward completion of standards in: I. Mathematical Reasoning; II. Number Sense, Computation and Operations; III. Patterns, Functions and Algebra; IV. Data Analysis, Statistics and Probability; and V. Spatial Sense, Geometry and Measurement at the grades 9 – 11 level. Although the standards included in the two year Edina Mathematics sequence are the same as the standards included in an Algebra, Geometry, Algebra 2 sequence, the Edina Mathematics delivery model allows for students to begin their learning in different places and to progress at different paces. When the course is completed, the course title on the students' transcript will reflect the content mastered by the student. The course title will be selected from the following: Algebra Part I - Edina Math, Algebra Part II - Edina Math, Geometry Part I - Edina Math, Geometry Part II - Edina Math, Advanced Algebra Part I – Edina Math, Advanced Algebra Part II - Edina Math. Students will be assigned to this course based on their performance in previous mathematics courses and standardized test scores.

Course Offering: EDINA MATH III
Course Offered: Semester 1 & 2
Course Numbers: 171605 271605
Grade Levels Offered: 12

Edina Mathematics III is for seniors and is designed to personalize learning for students who have completed some but not all of the Grades 9 – 11 Minnesota Mathematics Standards. Students will either have completed or be making progress toward completion of standards in: I. Mathematical Reasoning; II. Number Sense, Computation and Operations; III. Patterns, Functions and Algebra; IV. Data Analysis, Statistics and Probability; and V. Spatial Sense, Geometry and Measurement at the grades 9 – 11 level. The Edina Mathematics delivery model allows for students to begin their learning in different places and to progress at different paces. When the course is completed, the course title on the student's transcript will reflect the content mastered by the student. The course title will be selected from the following: Algebra Part I - Edina Math, Algebra Part II - Edina Math, Geometry Part I - Edina Math, Geometry Part II - Edina Math, Advanced Algebra Part I – Edina Math, Advanced Algebra Part II - Edina Math. Students will be assigned to this course based on their performance in previous mathematics courses and standardized test scores.

Course Offering: GEOMETRY
Course Offered: Semester 1 & 2
Course Numbers: 171605 271605
Grade Levels Offered: 10, 11, 12

This course satisfies the Mathematics-Geometry and Mathematics-Probability and Statistics requirements.

The principal emphasis of this course is the study of geometric concepts and applications. Coordinates, measurement ideas (including area and volume), congruence and similarity are studied. Geometric constructions are described as algorithms. Prior study of algebra, through the linear systems and the quadratic formula, is required. Students in this course will be assessed on the high school standard for math applications on the concepts of shape, space and measurement. *Prerequisite:* Algebra. Students will be assigned to this course based on their performance in previous mathematics courses and standardized test scores.

Course Offering: ADVANCED ALGEBRA
Course Offered: Semester 1 & 2
Course Numbers: 171631 271631
Grade Levels Offered: 10, 11, 12

This course is the study of real life applications and problem solving using algebra and geometry. *Prerequisite:* Geometry

Course Offering: ADVANCED ALGEBRA (Part 1 of 3)
Course Offered: Semester 1
Course Numbers: 171632
Grade Levels Offered: 10, 11, 12

This course is the first third of the standard advanced algebra course. It is designed for students who have had difficulty in math and who wish to study advanced algebra at a modified pace. Students will normally enroll in Part 2 in second semester and Part 3 during the following year. *Prerequisite:* Geometry

Course Offering: ADVANCED ALGEBRA (Part 2 of 3)
Course Offered: **Semester 2**
Course Numbers: **271633**
Grade Levels Offered: **10, 11, 12**

This course is the second third of the standard advanced algebra course. It is designed for students who have had difficulty in math and who wish to study advanced algebra at a modified pace. Students will normally enroll in Part 3 of 3 during the following year. *Prerequisite:* Advanced Algebra (Part 1 of 3)

Course Offering: ADVANCED ALGEBRA (Part 3 of 3)
Course Offered: **Semester 1**
Course Numbers: **171634**
Grade Levels Offered: **11, 12**

This course is the last third of the standard advanced algebra course. It is designed for students who have had difficulty in math and who wish to study advanced algebra at a modified pace. Students will normally enroll in Standards Statistics for the second semester after completing this course. *Prerequisite:* Adv. Algebra (2 of 3).

Course Offering: STANDARDS STATISTICS
Course Offered: **Semester 2**
Course Numbers: **271643**
Grade Levels Offered: **11, 12**

This course satisfies the Mathematics-Probability and Statistics requirement.

This course will focus on the Minnesota statistics and probability standards. It is designed for students who have had difficulty in math and who would benefit from a modified pace. Students will typically take Standards Statistics after they have completed Advanced Algebra 3/3. If time allows, additional topics will include functions, algebra, and trigonometry. Students will typically take College Algebra Prep the following year. *Prerequisite:* Advanced Algebra or Advanced Algebra 3/3.

Course Offering: FUNCTIONS, STATISTICS AND TRIGONOMETRY
Course Offered: **Semester 1 and 2**
Course Numbers: **171642 271642**
Grade Levels Offered: **10, 11, 12**

This course satisfies the Mathematics-Probability and Statistics requirement.

The course enables the students to display, describe, transform, and interpret numerical information represented as data, graphs, or equations. Using a graphing calculator, the students visualize functions, explore relations between equations and their graphs, simulate experiments, generate and analyze data, and develop limit concepts. *Prerequisite:* Advanced Algebra.

Course Offering: AP STATISTICS AND TRIGONOMETRY
Course Offered: **Semester 1 and 2**
Course Numbers: **171686 271686**
Grade Levels Offered: **10, 11, 12**

This course satisfies the Mathematics-Probability and Statistics requirement.

This course is designed for students who have been in the accelerated math program in the past and plan to enroll in Calculus in Grade 12. Many chapters will overlap with the text from the FST class. For the probability and statistics chapters, a separate book will be used to prepare students to take, if they choose, the AP Statistics exam in May. *Prerequisite:* Geometry and Advanced Algebra

Course Offering: COLLEGE ALGEBRA PREP
Course Offered: **Semester 1 and 2**
Course Numbers: **171661 271661**
Grade Levels Offered: **12**

This course is designed for students who have completed the coursework required for graduation but who would benefit from additional coursework in algebra, geometry, trigonometry, statistics and discrete mathematics topics. Additional work in these topics helps prepare students for a first year college math class commonly called College Algebra. The algebra, geometry, trigonometry, and statistics topics will be chosen from the grades 9-11 MN Mathematics Standards based on the needs of the students, and the discrete mathematics topics will be chosen from voting and apportionment, circuits, and networks. This course does not provide remediation for the MCAII GRAD retake. *Prerequisite:* Standards Statistics

Course Offering: PRECALCULUS
Course Numbers: 171651 271651
Grade Levels Offered: 10, 11, 12

Precalculus topics include the properties and graphs of the following functions: polynomial, rational, power, exponential, logistic, logarithmic, and trigonometric. Additional topics include complex numbers, polar coordinates and graphs, basic combinatorics, sequences, series, mathematical induction, and an introduction to limits and derivatives. Applications are included throughout. This class prepares students for AP Calculus AB or BC as well as a first year college calculus course. *Prerequisite:* Functions, Statistics and Trigonometry or AP Statistics and Trigonometry

Course Offering: AP CALCULUS (AB)
Course Offered: Semester 1 and 2
Course Numbers: 171682 271682
Grade Levels Offered: 10, 11, 12

This course is intended for students who have a thorough knowledge of college preparatory mathematics, including algebra, geometry, trigonometry, analytic geometry and an in-depth understanding of elementary functions. Topics studied will include limits, continuity, the derivative and applications of the derivative, the definite integral and applications of the definite integral and the Fundamental Theorem of Calculus. This course will cover approximately 60% of the content of the AP Calculus (BC) course. It is expected that students who take this course will take the AP Calculus exam (Form AB) and seek college credit or placement on the basis of that exam. *Prerequisite:* Precalculus or teacher recommendation

Course Offering: AP CALCULUS (BC)
Course Offered: Semester 1 and 2
Course Numbers: 171681 271681
Grade Levels Offered: 10, 11, 12

This course is intended for students who have a thorough knowledge of college preparatory mathematics, including algebra, geometry, trigonometry, analytic geometry, and an in-depth understanding of elementary functions. It is expected that students have good retention in these areas, as the syllabus leaves no room for extensive review of previous course work. AP Calculus (BC) is considerably more extensive than AP Calculus (AB). All of the calculus topics in AP Calculus (AB) are included plus advanced integration techniques, extensive work with infinite series and tests for convergence and calculus applications to parametric and vector defined functions. It is expected that students who take this course will take the AP Calculus exam (Form BC) and seek college credit or placement on the basis of that exam. Most colleges/universities will grant credit and placement one semester beyond that granted for AP Calculus (AB). *Prerequisite:* Precalculus and or teacher recommendation

Course Offering: AP STATISTICS
Course Offered: Semester 1 and 2
Course Numbers: 171685 271685
Grade Levels Offered: 11, 12

It is the intention of the mathematics department that this course be an “add on” to our mainstream mathematics courses. Taking this course in place of PDM as a senior will negatively impact a student’s preparation for Calculus. The College Board’s Advanced Placement Statistics syllabus will provide the framework for this course. Students will become acquainted with the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will frequently work on projects involving the hands-on gathering and analysis of real world data. Ideas and computation presented in this course have immediate links and connections with actual events. Computer statistical software (Minitab) and graphing statistics calculators (TI-83) will allow students to concentrate on the concepts involved in statistics. College credit may be awarded to students who successfully pass the AP Exam in May. *Prerequisite:* Functions, Statistics & Trigonometry or teacher recommendation.

Course Offering: AP COMPUTER SCIENCE
Course Offered: Semester 1 and 2
Course Numbers: 171684 271684
Grade Levels Offered: 10, 11, 12

The College Board’s Advanced Placement Computer Science syllabus will provide the framework for the course. Students will learn to write logically, structured computer programs based on an object oriented design. The Java programming language will be studied at a level comparable to a first-year college course. College credit may be awarded to students who complete the full year course and who successfully pass the AP exam in May. *Prerequisite:* Advanced Algebra

PHYSICAL EDUCATION AND HEALTH

Students are required to complete one semester of physical education in grade 9, and one additional semester of physical education in grades 10, 11 or 12. Any of the following courses satisfy the one semester high school requirement for physical education: Recreation Sports and Fitness, Competitive Sports and Fitness, Individual Fitness/Dual Sport Activities, Strength and Conditioning I, Girls-Only Physical Education (GOPE), Personal Fitness/Wellness, and Fitness For Life: Guided Fitness Study.

Students may elect to complete their one semester Health requirement in grade 9.

HEALTH

Course Offering: HEALTH
Course Offered: Semester 1 or 2
Course Numbers: 171400 271400
Grade Levels Offered: 10, 11, 12

This course satisfies the Health requirement.

This course is designed for students to gain knowledge and develop attitudes to make responsible decisions that enhance individual, family, and community health. Students will evaluate selected areas of contemporary health issues. Community speakers, projects, simulations, and small group work will be used to augment the oral and written work.

Course Offering: CHEMICAL AWARENESS
Course Offered: Semester 1 or 2
Course Numbers: 171405 271405
Grade Levels Offered: 11 and 12

This elective semester course is designed to explore the impact of drugs on our society. Areas of study include: drugs and the law, the effect of drugs on the human body, analysis of chemical prevention efforts, chemical recovery and rehabilitation efforts, and current event developments. Community speakers and possible field trips will be experienced to support the course work.

Course Offering: CHEMICAL HEALTH PEER ADVISORS
Course Offered: Semester 1 or 2
Course Numbers: 171411 271411
Grade Levels Offered: 11 and 12

This course is designed to develop student leadership skills to promote teen sobriety. Course topics include social influences and substance abuse prevention. Students will also plan lessons and teach the benefits of non-use and chemical free choices to a variety of audiences. Application materials are available in the Edina High School Counseling Office. Enrollment requires instructor approval and the completion of a non-use contract. *Prerequisite:* prior Sober Squad involvement.

PHYSICAL EDUCATION

Course Offering: RECREATION SPORTS AND FITNESS
Course Offered: Semester 1 or 2
Course Numbers: 171811 271811
Grade Levels Offered: 10, 11, 12

This course is designed for the person who enjoys sports such as soccer, tennis, speedball, archery, volleyball, bowling, badminton, basketball, and cross-country skiing. Basic skills will be stressed and students will also participate in an organized fitness program that includes a weight training and cardiovascular component.

Course Offering: COMPETITIVE SPORTS AND FITNESS
Course Offered: Semester 1 or 2
Course Numbers: 171812 271812
Grade Levels Offered: 10, 11, 12

This course is designed for students who wish to enhance their skills in such sports as soccer, speedball, bowling, tennis, conditioning, volleyball, basketball, and cross-country skiing. Basic and advanced skills will be stressed and students will also participate in an organized fitness program that includes weight and cardiovascular training.

Course Offering: PERSONAL FITNESS/WELLNESS

Course Offered: Semester 1 or 2

Course Numbers: 171813 271813

Grade Levels Offered: 10, 11, 12

This course is designed to provide a fitness program for all students. A cardiovascular and weight training program will be the foundation of this course. Other activities will include general fitness, with an emphasis on abdominal development, flexibility and body composition. The topics of nutrition and weight control will also be discussed.

Course Offering: INDIVIDUAL FITNESS/DUAL SPORT ACTIVITIES

Course Offered: Semester 1 or 2

Course Number: 171814 271814

Grade Levels Offered: 10, 11, 12

This is a semester course designed to give students the opportunity to gain proficiency in lifetime leisure activities. Activities stressed will be tennis, badminton, pickle ball, archery, golf, bowling, aerobics, cross country skiing, and other individual and dual activities in a non-competitive setting. This course will have students design and implement a fitness plan using weight training and aerobic activities.

Course Offering: GIRLS-ONLY PHYSICAL EDUCATION

Course Offered: Semester 1 or 2

Course Number: 171810 271810

Grade Levels Offered: 10, 11, 12

This course is designed to empower girls in activity and promote healthy, positive behaviors. Through this course girls will not only participate in a fitness program, they will also address current issues through weekly readings and journal writing. The class will participate in team and dual sports as well as current fitness activities such as yoga, pilates, and aerobics.

Course Offering: STRENGTH AND CONDITIONING I

Course Offered: Semester 1 or 2

Course Numbers: 171815 271815

Grade Levels Offered: 10, 11, 12

This is a course designed for students who have a sincere desire to improve their physical fitness through strength training and cardiovascular conditioning. This will be accomplished primarily through weight training and cardiovascular conditioning. An individual program will be developed for each student.

Course Offering: STRENGTH AND CONDITIONING II

Course Offered: Semester 1 or 2

Course Numbers: 171815 271815

Grade Levels Offered: 10, 11, 12

This is an elective course designed for students who wish to continue the individual fitness programs that were started in Beginning Strength & Fitness Training. A variety of training styles for students will be presented including High Intensity Training (H.I.T.). An individual program will be developed for each student. *Prerequisite:* Strength and Conditioning I.

Course Offering: STRENGTH AND CONDITIONING III

Course Offered: Semester 1 or 2

Course Numbers: 171815 271815

Grade Levels Offered: 11, 12

This semester long program of strength training and conditioning is for students interested in developing strength, endurance, agility, flexibility and speed. Each student is individually assessed and an individual program is then developed for him or her.

Course Offering: STRENGTH AND CONDITIONING IV

Course Offered: Semester 1 or 2

Course Numbers: 171815 271815

Grade Levels Offered: 11, 12

This semester long program of strength training and conditioning is for students interested in developing strength, endurance, agility, flexibility and speed. Each student is individually assessed and an individual program is then developed for him or her.

Course Offering: POWER SPORTS
Course Offered: Semester 1 or 2
Course Numbers: 171819 271819
Grade Levels Offered: 10, 11, 12

This course is designed to give students an opportunity to continue to participate in a health and fitness program through organized recreational activities. Traditional adult recreation activities will be stressed. This includes touch football, floor hockey, volleyball, bowling, softball, badminton, tennis, and outside winter sports. Student evaluation will be based primarily on the level of participation as well as the measured improvement in selected areas of fitness.

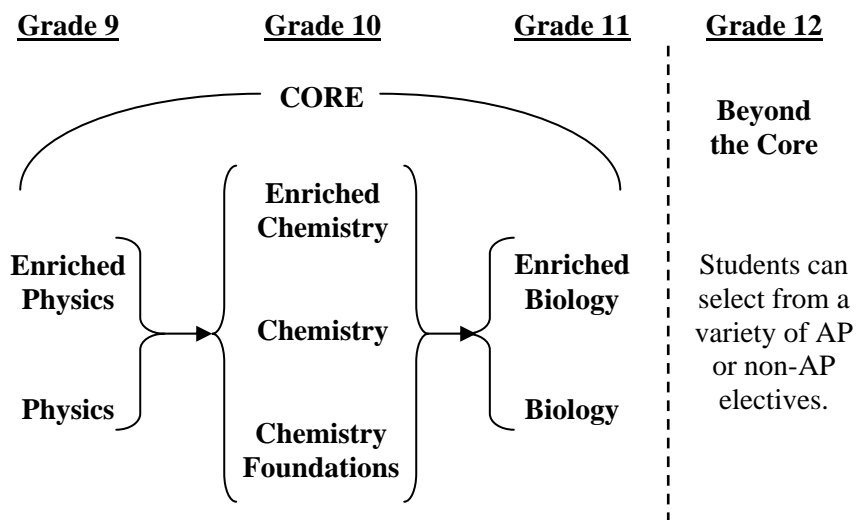
Course Offering: AMERICAN RED CROSS LIFEGUARD TRAINING
Course Offered: Semester 1 or 2
Course Numbers: 171805 271805
Grade Levels Offered: 10, 11, 12

This semester course is designed for students who wish to become an American Red Cross certified lifeguard. The student will demonstrate the ability to recognize and respond to emergencies and prevent drowning and other accidents. The student will learn the skills necessary to provide lifesaving and CPR assistance. A workbook and licensing fee will be charged to students.

SCIENCE

As many parents and students already know, the Edina High School science program follows a sequence commonly referred to as “Physics First.” In the physics first sequence, students will begin their high school science with physics in grade 9, chemistry in grade 10, and biology in grade 11. In grade 12, students will be able to take advanced elective courses in science.

Students are required to obtain a minimum of 6 credits in science. For most students these six credits are obtained through the “core” courses. The “Physics First” sequence is diagrammed below, along with the course titles for the core courses.



Why Physics First?

The traditional science sequence – biology, chemistry, physics – was developed a century ago when biology consisted mostly of memorization and physics was always treated with extensive mathematics. The sequence was perceived as building in difficulty, and student participation in science typically decreased at higher levels. The “Physics First” sequence, on the other hand, recognizes that today’s biology consists of extensive chemistry – from the Krebs Cycle to DNA and genetic engineering – and that *all* students deserve a good foundation in the basic laws of science encountered in physics and chemistry.

Students begin the “Physics First” sequence studying the fundamental physical principles guiding our universe. The movement of physics to grade 9 dictates that the course becomes less mathematical and more conceptual, thus making the material accessible to all students. Students who want a highly mathematical treatment of physics will still have that option available as a senior elective.

As sophomores, students will see how the fundamental laws of physics govern chemical processes. Finally, as juniors they will apply their chemistry to sophisticated biological processes. In short, the courses build on each other as part of a logical progression.

How do we choose among the three chemistry offerings?

The majority of students (about 80%) should be registering for Chemistry. A smaller percentage of students may wish to register for Enriched Chemistry or Chemistry Foundations as described in the following paragraphs.

Students who are highly motivated, have a strong interest in science and wish to challenge themselves with an enriched science course in the sophomore year should register for Enriched Chemistry. We strongly recommend you ask your current grade 9 teacher for his or her opinion as to whether enriched is an appropriate placement.

Students who have struggled in current math or physics classes should register for Chemistry Foundations. This course is designed to provide the same conceptual framework for understanding chemistry and preparing for junior-year biology as the other chemistry offerings, but the course is considerably less math-intensive.

We are new to Edina Public Schools. How do we jump into the Physics First sequence?

Although each student's situation is unique, most students will probably schedule chemistry and biology in their grade 10 and 11 years. If you have already taken one of these courses, you should consider registering for the other, regardless of whether you have had physics. If you have taken both biology and chemistry, you can consider the higher-level physics courses offered at the high school or any other science electives. For students who have not had physics but do not feel ready for the rigors of AP Physics, we would recommend the course entitled The Physical Universe. This course is designed to introduce students to the most fundamental principles of physics in the context of the solar system, galaxy and universe as a whole.

How rigid is the sequence outlined above?

The vast majority of students will follow the sequence outlined above. Occasionally, students may make specific changes in the sequence. For example, some highly motivated students might want to take AP Biology in their grade 11 year, thus skipping over our first-year biology courses. This may be permitted but will require some independent study over the summer. Students interested in making this jump should speak with the current AP Biology teacher about the requirements. We have also had students double up in science classes, thus allowing them to take elective courses earlier than grade 12.

Course Offering: CHEMISTRY (1st Year Course)
Course Offered: Semester 1 and 2
Course Numbers: 171912 271912
Grade Levels Offered: 10, 11, 12

This year-long course is designed to meet the needs of those students who are college-bound, and whose interests generally lie in the social sciences and humanities. It is less mathematically oriented than Enriched Chemistry. Topics include the scientific method, properties of matter, atomic structure, periodic table, energy relationships to chemical reactions, formula writing and equations, mole concepts, acid-base chemistry and chemical bonding. Laboratory work is extensive and includes qualitative and quantitative analyses. Students will be expected to solve basic algebra problems. The course lays the foundation for future study of biology, a graduation requirement, and meets state requirements for additional elective science course work.

Course Offering: CHEMISTRY FOUNDATIONS (1st Year Course)
Course Offered: Semester 1 and 2
Course Numbers: 171916 271916
Grade Levels Offered: 10, 11, 12

This year-long course is designed to meet the needs of those students who are college-bound, and whose interests generally lie in the social sciences and humanities. The course will provide the same conceptual framework for understanding chemistry and preparing for junior-year biology as the other chemistry offerings, but the course is considerably less math-intensive. Topics include the scientific method, properties of matter, atomic structure, periodic table, energy relationships to chemical reactions, formula writing and equations, acid-base chemistry and chemical bonding. Laboratory work is extensive with strong emphasis on qualitative analysis. This course lays the foundation for future study of biology, a graduation requirement, and meets state requirements for additional elective science course work.

Course Offering: ENRICHED CHEMISTRY (1st Year Course)
Course Offered: Semester 1 and 2
Course Numbers: 171970 271970
Grade Levels Offered: 10, 11, 12

This year-long course is designed for students with strong interest in the natural sciences. It is the most mathematically intensive of the three first-year chemistry offerings. Topics include the scientific method, properties of matter, atomic structure, periodic table, energy relationships to chemical reactions, formula writing and equations, mole concepts, acid-base chemistry and chemical bonding. Laboratory work is extensive and includes qualitative and quantitative analyses. Students will be expected to work algebraic and numerical problems readily. The course lays the foundation for future study of biology, a graduation requirement, and meets state requirements for additional elective science course work. *Prerequisite:* Prior completion or concurrent enrollment in Adv. Algebra.

Course Offering: ADVANCED PLACEMENT CHEMISTRY (2nd Year Course)
Course Offered: Semester 1 and 2
Course Numbers: 171986 271986
Grade Levels Offered: 11, 12

This is a full-year chemistry course that includes the advanced study of reaction types, stoichiometry, gas laws, thermochemistry, atomic structure, bonding, solutions, kinetics, equilibrium, and acids/bases. Each topic will

include in-depth laboratory experimentation or project work with emphasis on procedure and method. This course is intended to prepare students for taking the national Advanced Placement test in the spring. *Prerequisite:* Enriched Chemistry or approval of the AP Chemistry teacher. Concurrent enrollment in or completion of a physics class is recommended.

Course Offering: BIOLOGY
Course Offered: Semester 1 and 2
Course Numbers: 171911 271911
Grade Levels Offered: 11, 12

This course satisfies the Biology requirement.

Biology is a course that focuses on biological concepts, theories, and principles through investigation and analysis of cells, organisms and ecosystems. Course topics will include information about biodiversity, biological evolution, cells, ecology, genetics and living systems. Students will conduct experiments and investigations that may be instructor designed or independently created by the students. The experiments may involve some dissection of plants and animals. *Prerequisite:* Prior completion of one year of chemistry is required.

Course Offering: ENRICHED BIOLOGY (1st Year Course)
Course Offered: Semester 1 and 2
Course Numbers: 171976 271976
Grade Levels Offered: 11, 12

This course satisfies the Biology requirement.

Enriched biology is an accelerated biology course, which focuses on cellular biology, genetics, biological evolution, biodiversity, living systems and ecology. Laboratory investigation and written exercises will enhance students' understanding of the subject matter. Both traditional and contemporary techniques in science will provide a strong foundation for students interested in further study of the life sciences. *Prerequisite:* Prior completion of one year of chemistry is required.

Course Offering: ADVANCED PLACEMENT BIOLOGY (2nd Year Course)
Course Offered: Semester 1 and 2
Course Numbers: 171984 271984
Grade Levels Offered: 11, 12

This course satisfies the Biology requirement.

This full year biology course is intended for students who are interested in taking the national Advanced Placement exam in the spring. In-depth lectures and laboratory experiments covering molecules and cells, genetics, and evolution, and organism and population will be explored. This high-level course will provide students with a college-like experience. Strong reading skills are highly recommended. This course is designed to be a second-year course in biology. While it may be possible for some students to take AP Biology as a first-year course, students who wish to pursue such a path will need to meet with the instructor to discuss the necessary requirements. *Prerequisites:* One year of biology and one year of chemistry.

Course Offering: ADVANCED PLACEMENT PHYSICS
Course Offered: Semester 1 and 2
Course Numbers: 171987 271987
Grade Levels Offered: 12

This course is offered as an option to able students who have indicated by their achievement in science and mathematics courses that they are capable of college level work. Though the subject matter is similar to Physics, the presentation is more rigorous and the problems and labs are demanding. The course is intended strictly for those serious science students whose abilities and interests will lead them to a college career in science and/or engineering. This course will prepare students for the Advanced Placement Physics B test. Students who are enrolled in Calculus and choose to complete an alternate physics unit can also prepare themselves for the Advanced Placement Physics C Mechanics test. *Prerequisite:* Functions, Statistics & Trigonometry

Course Offering: THE PHYSICAL UNIVERSE
Course Offered: Semester 1 or 2
Course Numbers: 171926 271926
Grade Levels Offered: 10, 11, 12

In this semester course, students will be introduced to major concepts from the disciplines of astronomy and physics, (particularly modern physics). This course explores the universe from the smallest particles to the largest structures in space including how stars live and die, black holes, and the Big Bang Theory. Students will be introduced to some of the dominant theories of modern physics, such as quantum mechanics and the theory of relativity – and

these theories will be compared to classical Newtonian physics. This course meets the state Science Standards including History and Nature of Science, Physical Science, and Earth and Space, and provides another physics option for students.

Course Offering: **ORGANIC CHEMISTRY**
Course Offered: **Semester 1 or 2**
Course Numbers: **171925 271925**
Grade Levels Offered: **11, 12**

In this semester-long course, students will be introduced to the study of carbon based compounds, which are found in all living things and can also be prepared synthetically. The course will focus on core concepts such as bonding, nomenclature, alkanes, alkenes and aromatics while studying topics like lipids and soaps, fabrics and dyes, and polymers. This course is designed to provide a strong foundation in organic chemistry for students interested in the fields of science, medicine, nursing, nutrition or veterinary medicine.

Course Offering: **ENVIRONMENTAL STUDIES**
Course Offered: **Semester 1 or 2**
Course Numbers: **171922 271922**
Grade Levels Offered: **11, 12**

This course is designed to increase the student's understanding of the interrelationships of organisms and their environment. It is structured to assist the student to become more aware of man's effect on the total environment. Units of study include ecosystems, water and air pollution, resource conservation, energy alternatives, waste recycling, biodiversity, population dynamics, and environmental policies. The educational approach utilized will involve textbook material, laboratory work, field studies, speakers, videos, and current literature.

Course Offering: **AP ENVIRONMENTAL SCIENCE**
Course Offered: **Semester 1 and 2**
Course Numbers: **171988 271988**
Grade Levels Offered: **11, 12**

AP Environmental Science focuses on the natural systems of the world and the interrelationships between humans and the environment. In this class, we will study the different natural systems including environment and organisms, ecosystems and communities, and population principles. We will also look at the human connections to these systems by studying sources of energy, environmental ethics, land, water and air quality issues, and environmental policy and decision making. This course is designed for motivated students interested in field biology and environmental studies.

Course Offering: **COMPARATIVE ANATOMY**
Course Offered: **Semester 1 or 2**
Course Numbers: **171924 271924**
Grade Levels Offered: **11, 12**

This semester-long elective science course is focused on the evolution of major body systems possessed by vertebrates. We see so many features of ourselves in other mammals, birds, reptiles, amphibians and even fish that we use them as models for exploring our own bodies. *Prerequisite:* prior completion of one year of biology.

Course Offering: **HUMAN ANATOMY**
Course Offered: **Semester 1 or 2**
Course Numbers: **171923 271923**
Grade Levels Offered: **11, 12**

This semester-long elective science course is designed to provide a strong foundation for students interested in pursuing college majors in health, life sciences, and physical education. Through in-depth study of the anatomy and physiology of human organ systems, students will gain an understanding of the human body and how each system is integrated with the overall functioning of the body. Units will include the nervous system, senses, skeletal system, muscular, digestive, and urinary systems. *Prerequisite:* prior completion of one year of biology.

SUMMER SCIENCE OPPORTUNITIES

The science department also provides two summer opportunities for motivated science students. The Summer Field-Based Science courses are experiential science programs in a wilderness setting.

Course Offering: SUMMER FIELD-BASED SCIENCE I

Grade Levels Offered: **Students entering 11 and 12**

In this 2-week summer course, students will study scientific topics in a wilderness setting. Through the process of experiential education, the students will not only design and carry out scientific experiments in the field-based setting of Northern Minnesota, but will also gain wilderness camping and survival skills only attainable in these settings. *Registration for this course requires application and admission to the program.* To obtain application materials and additional information about the program, please contact Mr. Burfeind or view information at https://www.edline.net/pages/Edina_High_School/Academic_Groups/Summer_Field_Based_Science

Course Offering: SUMMER FIELD-BASED SCIENCE II

Grade Levels Offered: **Students entering 12**

This course is a follow up to Summer Field Based Science I. Students will serve as teacher assistants, helping with planning and preparation for the course while also acting as mentors for the Summer Field Based Science I students. Students applying should have completed Summer Field Based Science I and have a high level of interest in the area of natural science in wilderness settings along with strong leadership skills. To obtain application materials and additional information about the program, please contact Mr. Burfeind or view information at https://www.edline.net/pages/Edina_High_School/Academic_Groups/Summer_Field_Based_Science

SCIENCE, TECHNOLOGY, ENGINEERING AND MATH (STEM)

Course Offering: PROJECT LEAD THE WAY: INTRODUCTION TO ENGINEERING DESIGN

Course Offered: **Semester 1 and 2**

Course Number: **171965 271965**

This course introduces students to engineering design. Students will learn about and apply the design process to solve real engineering problems. Students will learn to effectively document the solution to an engineering problem through sketching, modeling in three-dimensional CAD software, the creation of working drawings, and the use of a three-dimensional printer to create rapid prototypes. As students learn to solve engineering problems, they will learn to apply many different elements of design (visual, functional and structural) to their solution, to work in teams to solve problems (including a virtual teaming activity with another school), and to analyze the effects of engineered products on society from an environmental and ethical standpoint. This course serves as the foundational class for the high school series and is one of four that will be available within the Project Lead The Way Engineering Program for the 2011/2012 school year. Soon to be available will be Principles of Engineering (POE), Civil Engineering and Architecture (CEA), and Digital Electronics (DE). This course will be eligible for up to 3 college credits with successful course completion and mastery of the college credit end-of-the-year exam.

Course Offering: PROJECT LEAD THE WAY: PRINCIPLES OF ENGINEERING

Course Offered: **Semester 1 and 2**

Course Number: **171966 271966**

NOTE: Not offered in 2010-11

This pre-engineering class is part of a course of study integrating students' core curriculum by combining the work from math and science courses to begin to prepare students for college majors or employment in engineering and E/T fields. Students will explore technology systems and manufacturing processes; and will study the social and political consequences of technological change.

SOCIAL STUDIES

Students must complete Government 9, U.S. History, one semester of Economics, and either World History or European History. The state geography requirement will be satisfied by students that complete a year of U.S. History and either a year of World History or European History.

Course Offering: U.S. GOVERNMENT
Course Offered: Semester 1 or 2
Course Number: 172010 272010

This course is designed to provide students with a comprehensive analysis of the authority, structure and procedure of American government. Major topics include the constitutional foundation, the politics of democracy and the roles of the executive, legislative and judicial branches in the federal system. Emphasis is placed on the rights and responsibilities of citizenship in a democracy. In addition, students should develop the skills of inquiry and research necessary to interpret and make judgments regarding government actions in a complex society and world. Contemporary events, as they relate to course topics, are discussed through the year. Credit achieved for this course meets state graduation requirements.

Course Offering: THE MODERN GLOBE: WORLD HISTORY AND GEOGRAPHY
Course Offered: Semester 1 and 2
Course Numbers: 172019 272019
Grade Levels Offered: 10, 11, 12

This course satisfies the World History requirement. This course also satisfies the geography requirement upon completion of a U.S. History course.

This yearlong course, intended for sophomores, will have a global focus using geographic themes, especially migration - of people, ideas, trade etc. Other themes may include regional comparison and human environment / interaction. Students will learn through lecture and traditional work, cooperative work and research. Assessment will include tests, essays and projects.

Course Offering: AP WORLD HISTORY
Course Offered: Semester 1 and 2
Course Numbers: 172080 272080
Grade Levels Offered: 10, 11, 12

This course satisfies the World History requirement. This course also satisfies the geography requirement upon completion of a U.S. History course.

The AP World History course, designed for the highly motivated student who is ready for college level work, develops a greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. The course is built around six overarching themes: patterns and impacts of interactions among major societies, change and continuity across world history, impact of technology and demography, systems of social structure and gender structure, cultural and intellectual developments, and changes in functions and structures of states. Periodization, explicitly discussed, forms another organizing principle for dealing with change and continuity throughout the course. This is a truly global history, with practice for the AP test. Although content knowledge is important, stress will also be placed on writing an analytical and document based essay.

Course Offering: UNITED STATES HISTORY
Course Offered: Semester 1 and 2
Course Numbers: 172011 272011
Grade Levels Offered: 10, 11, 12

This course satisfies the U.S. History requirement. This course also satisfies the geography requirement upon completion of a World History or European History course.

In this course the student will study the development of the political, social, economic and diplomatic history of the United States with emphasis on the years 1877 to the present. Programs of various presidential administrations and major economic and political ideas that have influenced the development of our American system will be studied. The fourth quarter will be devoted to the study of the United States in a world setting. Emphasis will be placed on how other countries relate to the United States in terms of current economic, political, environmental and social issues. A study of how decisions made in the United States affect other nations and cultures will also be investigated. The contributions of many different groups of people to the development of the United States will be examined.

Course Offering: AP UNITED STATES HISTORY
Course Offered: Semester 1 and 2
Course Numbers: 172081 272081
Grade Levels Offered: 10, 11, 12

This course satisfies the U.S. History requirement. This course also satisfies the geography requirement upon completion of a World History or European History course.

This course is an intensive analysis of American history for the college bound student. Topics will be studied chronologically with special emphasis on major interpretive questions that derive from the study of selected themes. Students will develop the skills necessary to arrive at conclusions on the basis of informed judgments and to present reasons and evidence clearly and persuasively. Materials will include a basic college text, collections of selected documents, and a variety of interpretive works.

Course Offering: AP EUROPEAN HISTORY
Course Offered: Semester 1 and 2
Course Numbers: 172082 272082
Grade Levels Offered: 10, 11, 12

This course satisfies the World History requirement. This course also satisfies the geography requirement upon completion of a U.S. History course.

This is an intensive course in European history for the college bound student surveying the social, intellectual, political and diplomatic history of Europe from the Renaissance to the 1990s. Emphasis in this class is placed on historical interpretation, note taking and essay writing and is thus similar to a college level history class. The student will also do extensive reading using a basic college text. Frequent essay writing will demand that students use critical analysis, defend an interpretation, and properly organize and construct a clear thesis. The course work also allows the student to earn college credit if that student successfully completes the advanced placement test given in May.

Course Offering: AP HUMAN GEOGRAPHY
Course Offered: Semester 1 or 2
Course Numbers: 172086 27208
Grade Levels Offered: 10, 11, 12

This course requires students to compare how components of culture shape the characteristics of regions and analyze the impact of technology and human modifications on the physical environment. On completion of this course students must demonstrate how to use and think about maps and special data, understand and interpret the implications of associations among phenomena in place, recognize and interpret at different scales the relationships among patterns and processes, define regions and evaluate the regionalization process, and characterize and analyze the interconnections among places.

Course Offering: CONTEMPORARY ISSUES
Course Offered: Semester 1 and 2
Course Numbers: 172014 272014
Grade Levels Offered: 10, 11, 12

This course satisfies the Economics requirement.

This course is designed to provide students an opportunity to analyze and evaluate selected United States and global social issues by applying critical thinking skills. Students will be expected to respectfully participate in open discussion of controversial issues, read critically and explore alternative views from a variety of sources of information including guest speakers. Discussion and analysis will occur in an interdisciplinary setting that incorporates concepts from all of the social studies.

Course Offering: ECONOMICS
Course Offered: Semester 1 or 2
Course Numbers: 172021 272021
Grade Levels Offered: 10, 11, 12

This course satisfies the Economics requirement.

In this course students will analyze the systematic ways in which people address the problem of allocating scarce resources to satisfy unlimited wants, with particular emphasis on the American capitalistic system. Students will be introduced to the basic principles of micro and macroeconomics, and will be expected to apply these principles to problems concerning the individual firm, and the national and international economies.

Course Offering: AP ECONOMICS
Course Offered: Semester 1 and 2
Course Numbers: 172084 272084
Grade Levels Offered: 10, 11, 12

This course satisfies the Economics requirement.

This course prepares students for two advance placement tests: Microeconomics and Macroeconomics. The microeconomics portion of the course seeks to evaluate the efficiency of the market system by examining supply and demand, various business structures in the product and resource markets, market failures, and the role of government. In the macroeconomics section, students will analyze the business cycle, indicators of economic performance (such as unemployment and inflation), money and money creation, monetary and fiscal policies, international trade, and currency exchange. The course places special emphasis on the analysis of current economic problems and presents several different economic schools of thought.

Course Offering: SOCIOLOGY: INSTITUTIONS AND TRADITIONS IN SOCIETY
Course Offered: Semester 1 or 2
Course Numbers: 172032 272032
Grade Levels Offered: 10, 11, 12

Sociology is a semester-long course that introduces and raises awareness of sociological concepts, theories and issues. Following an introduction to the major (functionalist, conflict, and interactionist perspectives) the focus of the course turns to an examination of culture, society, socialization, groups and organizations, deviance, social and global stratification, class, race and ethnicity, gender studies, social movement, and the environment. Classroom activities include lectures, films, readings, debates, presentations, criminal procedure background, mock trial and discussion. The course culminates with a group project that analyzes a current social issue/problem of the group's choice.

Course Offering: ENRICHED SOCIOLOGY: INSTITUTIONS AND TRADITIONS IN SOCIETY
Course Offered: Semester 1 or 2
Course Numbers: 172075 272075
Grade Levels Offered: 10, 11, 12

Enriched Sociology is a semester-long course that introduces and raises awareness of sociological theories, concepts and issues. Following an introduction to the major (functionalist, conflict, and interactionist perspectives) the focus of the course turns to an examination of culture, society, socialization, groups and organizations, deviance, social and global stratification, class, race and ethnicity, gender studies, social movement, and the environment. Classroom activities include lectures, films, readings, debates, presentations, criminal procedure background, mock trial and discussion. In addition, the course will critically examine the sociology of sports, foundations of India's Sacred Cow, Ju'hoansi society and how subtle sex discrimination works through classic, contemporary, and cross-cultural readings. This course culminates with a comprehensive group project that examines a specific social problem/issue and requires students to prepare an action plan for change through among other things, a service learning component.

Course Offering: ADVANCED PLACEMENT UNITED STATES GOVERNMENT AND POLITICS
Course Offered: Semester 1 or 2
Course Numbers: 172083 272083
Grade Levels Offered: 10, 11, 12

This course satisfies the Government requirement for students who have not completed U.S. Government 9.

This course involves the study of general concepts used to interpret U.S. politics. It familiarizes the student with the various institutions, groups, beliefs, and ideas that constitute U.S. political reality. The course focuses on the following topics and questions: the Constitutional underpinnings of the United States government, political beliefs and behaviors, political parties and interest groups, institutions and activities of the national government, civil rights and civil liberties, and America's role in the world. This course is designed to prepare students for the American Government and Politics AP examination given each spring.

Course Offering: PSYCHOLOGY
Course Offered: Semester 1 or 2
Course Numbers: 172031 272031
Grade Levels Offered: 10, 11, 12

This course will examine how the various sub-fields of psychology scientifically describe, predict and explain behavior and mental processes. We will survey a broad range of psychology topics and consider the several perspectives, or lenses, through which psychologists study and understand behavior. Course topics include history

and methods, bio-psychology, consciousness, learning, development, memory, personality and psychological disorders. Classroom activities will include discussion, direct instruction, videos, and group activities.

Course Offering: **ADVANCED PLACEMENT PSYCHOLOGY**

Course Offered: **Semester 1 or 2**

Course Numbers: **172085 272085**

Grade Levels Offered: **10, 11, 12**

This course traces the emergence of scientific psychology from its roots in philosophy and physiology and examines the development of the major schools of psychology in both applied and research sub-fields. Students will gain an understanding of the principal contemporary approaches to understanding behavior and mental processes. Unit topics include history and methods, bio-psychology, consciousness, sensation, perception, learning, memory, cognition, intelligence, motivation, emotion, personality, psychological disorders and therapy. This course covers material typically covered in an introductory college level psychology course and will prepare students for the Advanced Placement exam in May.

WORLD LANGUAGES

All courses in world languages are elective.

If fewer than twenty students register for a particular level of a language, it may be combined with another level of the same language and will be taught as a combined course. Also, for those students who are likely to study a world language in college, it is advisable to take that language continuously through grade 12.

EDINA PUBLIC SCHOOLS WORLD LANGUAGE OFFERINGS

AMERICAN SIGN LANGUAGE

Course Offering: AMERICAN SIGN LANGUAGE I
Course Offered: Semester 1 and 2
Course Numbers: 172265 272265
Grade Levels Offered: 10, 11, 12

This first course is designed for students with no prior experience in American Sign Language. Students learn the basics for communication with deaf individuals. The course includes receptive and expressive readiness activities, sign vocabulary, basic rules of grammar, fingerspelling, conversational behaviors, and various aspects of Deaf Culture. Vocabulary building, conversation, short stories and narratives are practiced through receptive and expressive signing.

Course Offering: AMERICAN SIGN LANGUAGE II
Course Offered: Semester 1 and 2
Course Numbers: 172266 272266
Grade Levels Offered: 10, 11, 12

In this second level of American Sign Language, students continue to learn to communicate with deaf individuals. The course includes more advanced receptive and expressive readiness activities, sign vocabulary, ASL grammatical structure, fingerspelling, conversational behaviors, and various aspects of Deaf Culture. Vocabulary building, conversation, short stories and narratives are practiced through receptive and expressive signing.

Prerequisite: ASL I.

Course Offering: AMERICAN SIGN LANGUAGE III
Course Offered: Semester 1 and 2
Course Numbers: 172267 272267
Grade Levels Offered: 11, 12

In this third level of American Sign Language, students learn advanced skills for sophisticated communication with deaf individuals. The course includes more advanced receptive and expressive readiness activities, advanced sign vocabulary, fingerspelling, complex ASL grammatical structures, conversational behaviors, and various aspects of Deaf Culture. *Prerequisite:* Successful completion of ASL II or instructor approval.

CHINESE

Course Offering: CHINESE I
Course Offered: Semester 1 and 2
Course Numbers: 172241 272241
Grade Levels Offered: 10, 11, 12

Chinese Language and Culture I is the beginning course of a three-year sequence that will enable the student to speak, read, write and understand the spoken word of the official Mandarin Chinese language. In addition the course will help the student understand the culture and heritage of approximately one fifth of the world's population. The focus will be on simple vocabulary building, character recognition, and memorization using Chinese songs, games and the art of calligraphy.

Course Offering: CHINESE II
Course Offered: Semester 1 and 2
Course Numbers: 172242 272242
Grade Levels Offered: 11, 12

This course is structured for the student to continue the study and mastery of the basic skills of speaking, listening, writing, and reading beginning Chinese. As in Chinese I, the course focuses on modern Mandarin Chinese, but some commonly used formal expressions used only in written Chinese are also included. Students will become acquainted with contemporary Chinese life and the contributions of the Chinese culture. *Prerequisite:* Chinese I.

Course Offering: CHINESE III
Course Offered: Semester 1 and 2
Course Numbers: 172243 272243
Grade Levels Offered: 11, 12

This course is structured for the student to continue the study and mastery of the basic skills of Chinese Language and Culture. Students will become more acquainted with contemporary Chinese life and the contributions of the Chinese culture. The students will participate in such speaking activities as dramatizations, discussions, and narrations, will read contemporary short stories and newspaper articles, and will apply structural concepts and new vocabulary to the writing of descriptive passages. *Prerequisite:* Chinese II.

FRENCH

Course Offering: FRENCH III
Course Offered: Semester 1 and 2
Course Numbers: 172205 272205
Grade Levels Offered: 10, 11, 12

For traditional students- This course, conducted in French, is designed to build students' skills and confidence in speaking, listening, reading and writing. Students will review previously studied grammar in addition to learning more advanced skills. The course will also include a study of the culture of francophone countries, including music and literature. This class is not an appropriate entry point for students who completed the extended French program in 9th grade. *Prerequisites:* French II or instructor approval.

Course Offering: FRENCH IV
Course Offered: Semester 1 and 2
Course Numbers: 172206 272206
Grade Levels Offered: 10, 11, 12

For traditional students- This course, conducted in French, builds on skills developed in French III. Students will continue to develop their listening, speaking, reading, and writing skills using a variety of authentic materials. They will review and refine their knowledge of grammar. They will also continue their study of the culture of francophone countries, and they will examine the history of France from its beginning through the Renaissance. This class is not an appropriate entry point for students who completed the Extended French program in 9th grade. *Prerequisites:* French III or successful completion of placement examination.

Course Offering: ENRICHED FRENCH IV
Course Offered: Semester 1 and 2
Course Numbers: 172273 272273
Grade Levels Offered: 10, 11, 12

This course, conducted in French, is designed to prepare students for French AP V. Using a variety of authentic materials, students will develop increasingly sophisticated listening, speaking, reading, and writing skills. Students will review and refine their knowledge of grammar. They will continue their study of the culture of francophone countries, and they will study the history of France from its beginning through the Renaissance. Students will also research and present projects related to the topics studied. This class is not an appropriate entry point for students who completed the extended French program in 9th grade. *Prerequisites:* French III and teacher recommendation or successful completion of placement examination.

Course Offering: ENRICHED FRENCH IV - IMMERSION
Course Offered: Semester 1 and 2
Course Numbers: 172274 272274
Grade Levels Offered: 10, 11, 12

For immersion students- This course prepares students for Pre-AP French Language and Culture. It includes a review of French grammar designed to meet the needs and learning styles of continuing immersion students as well as the history of France from its beginning to the Renaissance. Students also analyze current events in order to increase their vocabulary and cultural knowledge. This course is offered at Valley View Middle School for students who need a challenging enriched course in Grade 9. It is also offered at Edina High School for students who completed French Language Arts 9. *Prerequisites at EHS:* French Language Arts 9 AND Grade 9 teacher recommendation.

Course Offering: FRENCH V
Course Offered: Semester 1 and 2
Course Numbers: 172207 272207
Grade Levels Offered: 12

This course, conducted in French, is a continuation of French IV and will allow students to refine sophisticated skills, with a particular emphasis on speaking. Students research and make presentations about the history of France and other francophone countries. Modern day culture is studied through French film. *Prerequisite:* Successful completion of French IV or instructor approval.

Course Offering: PRE- ADVANCED PLACEMENT FRENCH LANGUAGE AND CULTURE
Course Offered: Semester 1 and 2
Course Numbers: 172208 272208
Grade Levels Offered: 10, 11, 12

This course, conducted in French, builds on skills developed in Enriched French IV Immersion. Students will continue to develop their listening, speaking, reading, and writing as well as refine their grammar skills as they begin a two-year curriculum focused on the six themes of the AP French Language and Culture exam. Authentic materials such as film, literary works, and various forms of media and music will be used to study not only the history of France and the Francophone world but also contemporary global issues. *Prerequisites:* Enriched French IV Immersion (taken in 9th grade)

Course Offering: AP FRENCH V
Course Offered: Semester 1 and 2
Course Numbers: 172284 272284
Grade Levels Offered: 11, 12

This course, conducted entirely in French, prepares students for the Advanced Placement Language Examination. Through the study of various authentic materials, students continue to refine sophisticated skills in reading, writing, speaking and listening. In addition to a continued study of grammar, students research and present projects on the history of France from the Renaissance to present time. Topics investigated also include French institutions such as the political and educational systems. *Prerequisite:* Successful completion of French IV/Enriched French IV and instructor recommendation or successful completion of placement examination.

Course Offering: FRENCH-SPEAKING WORLD
Course Offered: Semester 1 and 2
Course Numbers: 172293 272293
Grade Levels Offered: 11, 12

This course, for students who have completed AP French V, is designed to refine and deepen French skills within the context of contemporary French-speaking cultures from around the world. Belgium, the French Caribbean, Indochina, the Magreb, Québec, Switzerland, and West Africa are studied through readings, music, art, films, and news media. One required service learning project is woven into the course. *Prerequisite:* AP French V.

Course Offering: FRENCH CULTURE AND THE MODERN WORLD
Course Offered: Semester 1 and 2
Course Numbers: 172292 272292
Grade Levels Offered: 12

In this course, Grade 12 students will study the invention of cinema, the great cinematic movements of France, and its contribution internationally. Through reading (background information and critical reviews), discussion and viewing of film, students will learn about the origins of Film Noir, the history of the Second World War (in France), and French current events. The class will also study the impact of these movements/films on the rest of the world. Students will continue to refine their writing skills through formal and informal critical analysis throughout the year. *Prerequisite:* AP French V

GERMAN

Course Offering: ACCELERATED GERMAN I-II
Course Offered: Semester 1 and 2
Course Numbers: 172214 272214
Grade Levels Offered: 10, 11, 12

This course is an accelerated German class, in which the curriculum typically taught in the standard German I and II courses is compacted. This course is designed for students both new to the language and those who have had limited

exposure to German. Developing the four basic skills is emphasized: understanding spoken German, conversing on everyday topics, reading simple prose, and writing with basic accuracy. The development of these skills also promotes students' cultural awareness and understanding of the German-speaking world. Conversational fluency is emphasized throughout the course. The teacher uses German-only in class to promote oral and listening proficiency.

Course Offering: GERMAN III
Course Offered: Semester 1 and 2
Course Numbers: 172215 272215
Grade Levels Offered: 10, 11, 12

In this course, students will practice listening, speaking, reading, and writing at the intermediate level. The class is conducted in German and students are expected to speak German. Students participate in speaking activities such as dramatizations, discussions, and narrations. They read contemporary short stories and anecdotes. Students apply structural concepts and new vocabulary to the writing of descriptive paragraphs, skits and letters. Cultural topics studied promote students' cultural awareness and understanding of the German-speaking world. *Prerequisite:* Successful completion of German II or instructor approval.

Course Offering: GERMAN IV
Course Offered: Semester 1 and 2
Course Numbers: 172216 272216
Grade Levels Offered: 11, 12

In this course, conducted entirely in German, students continue to develop and refine their language skills at the intermediate level. Cultural topics, including contemporary life, geography, humor, and historical eras and personalities, promote students' cultural awareness and understanding of the German-speaking world. Course materials and language skill development generally parallel those of the fourth quarter course in German at the University of Minnesota. *Prerequisite:* Successful completion of German III or instructor approval.

Course Offering: AP GERMAN V
Course Offered: Semester 1 and 2
Course Numbers: 172287 272287
Grade Levels Offered: 11, 12

In this course, conducted entirely in German, students improve all of their language skills through frequent readings, class discussion, and essay writing. The course generally parallels the fifth quarter course in German at the University of Minnesota and prepares students for the Advanced Placement Language Examination for those students who intend to take the test in the Spring. *Prerequisite:* Successful completion of German IV or instructor approval.

LATIN

Course Offering: ACCELERATED LATIN I-II
Course Offered: Semester 1 and 2
Course Numbers: 172224 272224
Grade Levels Offered: 10, 11, 12

This course is an accelerated Latin class, in which the curriculum typically taught in the standard Latin I and II courses is compacted. It is designed for students both new to the language and those who have had limited exposure to Latin. Developing intermediate reading proficiency is emphasized in order to prepare students to continue in Latin III. Latin reading and cultural studies explore ancient Roman life and its influences to modern cultures. Derivative studies provide a good understanding of language development and support English vocabulary and spelling.

Course Offering: LATIN III
Course Offered: Semester 1 and 2
Course Numbers: 172225 272225
Grade Levels Offered: 10, 11, 12

This course is a continuation of the Latin II curriculum. Students follow familiar characters to Ancient Rome. Through stories, they learn about the art, architecture, history, government, society, religion and entertainment of the ancient Romans. The structural elements of Latin continue to be a major part of the readings and classroom practice. Latin vocabulary skills grow through readings and derivative studies. *Prerequisite:* Successful completion of Latin II or instructor approval.

Course Offering: LATIN IV
Course Offered: Semester 1 and 2
Course Numbers: 172226 272226
Grade Levels Offered: 11, 12

The curriculum of this course follows an in-depth study of the Roman Empire. Advanced language structures and vocabulary building are emphasized. The literature of the empire, including works of Ovid, Catullus, and Vergil, is read as part of the course. The eyewitness account of Pliny as he observed the eruption of Mt. Vesuvius brings the students full circle with their very first unit on Pompeii. *Prerequisite:* Successful completion of Latin III or instructor approval.

Course Offering: LATIN V/AP LATIN V
Course Offered: Semester 1 and 2
Course Numbers: 172288 272288
Grade Levels Offered: 11, 12

This course studies the literary works of great classical authors and poets, such as Catullus, Ovid, and Vergil. Literary works, grammar review, stylistic devices, poetic meter and vocabulary are studied. By reviewing the lives of the authors and their places in Roman history, the students examine their impact on ancient times and on the writing of later poets. This course prepares students for the Advanced Placement Language Examination for those students who intend to take the test in the spring. *Prerequisite:* Successful completion of Latin IV or instructor approval.

SPANISH

Course Offering: SPANISH I
Course Offered: Semester 1 and 2
Course Numbers: 172232 272232
Grade Levels Offered: 10, 11, 12

This course is designed for students who have no previous experience in Spanish. Students learn basic Spanish expressions, vocabulary and structural forms. As students' skills in listening, speaking, reading, and writing increase, more complex grammar and sentence patterns are studied. Spanish and Latin-American cultures are also integrated within the classroom learning activities through the use of compact discs, dialogues and films. Student coming from the French Immersion program have the option of enrolling in either Spanish I or II, depending on the degree of previous success and comfort with world languages.

Course Offering: SPANISH II
Course Offered: Semester 1 and 2
Course Numbers: 172234 272234
Grade Levels Offered: 10, 11, 12

This course is a continuation of the Spanish I curriculum. Students review previously studied structures and vocabulary before learning more advanced sentence structures. Communication is emphasized as students improve their listening, speaking, reading and writing skills to a practical level. Cultural topics acquaint students with Spanish-speaking people and their cultures. *Prerequisite:* Successful completion of Spanish I, entry from French Immersion, or instructor approval.

Course Offering: SPANISH III
Course Offered: Semester 1 and 2
Course Numbers: 172235 272235
Grade Levels Offered: 10, 11, 12

This course is designed to develop the students' confidence, build on their previous knowledge and refine their ability to speak, listen, read and write in Spanish. The class is taught primarily in Spanish to promote oral and listening proficiency. Communication skills, through speaking and writing, are emphasized and students are expected to use Spanish in class to converse about practical, contemporary situations. Students are also exposed to short stories, authentic materials and Hispanic cultures. *Prerequisite:* Successful completion of Spanish II or instructor approval.

Course Offering: SPANISH IV
Course Offered: Semester 1 and 2
Course Numbers: 172236 272236
Grade Levels Offered: 11, 12

This course is geared towards students who would like to continue in the language, yet not as intensely as in the Enriched and AP track. In this course, conducted in Spanish, students continue to develop and refine listening, speaking, reading and writing skills. Students review previously studied grammar, focusing more intently on accuracy in speaking and writing, before learning more sophisticated grammar to further their communication skills. Spanish V is the next course in the sequence for students who successfully complete Spanish IV. However, students may seek a recommendation from their Spanish IV teacher to register for AP Spanish V. *Prerequisite:* Successful completion of Spanish III or instructor approval.

Course Offering: ENRICHED SPANISH IV

Course Offered: Semester 1 and 2

Course Numbers: 172277 272277

Grade Levels Offered: 11, 12

This course, conducted in Spanish, is divided into three big categories: literature, culture, and grammar. The first objective of the class is an introduction to 20th century literature from Spain and Latin America. Students will study the lives and the modern history of the countries of the most celebrated writers, including Neruda, Borges, Cortázar, Allende, Garcia Márquez, and Lorca. The second part of the course will focus on higher level grammar, studied through verb tenses. In order to be successful in this course students must have mastered the following verb conjugations (regular and irregular) in both written and oral form: present, present progressive, preterit, imperfect, past progressive, immediate future, future, conditional, present perfect, present subjunctive, impersonal “se”, and past perfect. Much time in this course will be devoted to preparing for and taking oral examinations that test the oral proficiency of students. *Prerequisite:* Spanish III or successful completion of placement examination.

Course Offering: SPANISH V

Course Offered: Semester 1 and 2

Course Numbers: 172237 272237

Grade Levels Offered: 11, 12

This course, conducted in Spanish, is a continuation of Spanish IV and is designed to help students remain active in the language and grow in their proficiency. In addition to refining grammatical and communicative skills, students will keep up-to-date with current events about the Spanish-speaking world. The history of Spain and the Americas as well as modern day culture will be studied through Spanish-language film. Students will also improve reading skills through short stories and poetry. *Prerequisite:* Successful completion of Spanish IV or instructor approval.

Course Offering: AP SPANISH V

Course Offered: Semester 1 and 2

Course Numbers: 172281 272281

Grade Levels Offered: 11, 12

This course is designed to help students master their ability to speak, read, listen and write in Spanish. The course is conducted entirely in Spanish and prepares students for the Advanced Placement Language Examination. Communication skills, through speaking and writing are emphasized and students are expected to use Spanish in class to converse about short stories, literature, and lectures. Students continue to refine sophisticated grammar skills, increase their cultural knowledge and learn new vocabulary. *Prerequisite:* Spanish IV and teacher recommendation or successful completion of placement examination.

Course Offering: AP SPANISH VI: LITERATURE

Course Offered: Semester 1 and 2

Course Numbers: 172282 272282

Grade Levels Offered: 11, 12

This year-long elective course is conducted entirely in Spanish and prepares students for the Advanced Placement Literature exam. The course parallels a third-year college Introduction to Spanish Literature course, and students will read a variety of texts and genres written in Spanish, as well as respond orally and in written formats in Spanish. *Prerequisite preparation for the course is the successful completion of Advanced Placement Spanish V or the Advanced Placement Language exam.*

DISTRICT #287 WORLD LANGUAGE OFFERINGS

JAPANESE

Course Offering: JAPANESE I
Course Offered: Semester 1 and 2
Course Numbers: 172261 272261
Grade Levels Offered: 10, 11, 12

Learn the basics of speaking, reading, and writing Japanese. By the end of this course, you will have learned the most important elements of the language, the first two alphabets, and approximately 50 kanji (Chinese characters). You will be able to hold simple conversations in Japanese and will have built a foundation for understanding Japanese movies, television, anime, etc. You will be able to express yourself in written Japanese and will be able to glean significant amounts of meaning from written Japanese media such as newspapers, magazines, and websites. You will understand the major components of Japanese culture and be aware of the important cultural differences that play a role in interacting socially with Japanese people and living in Japan.

Course Offering: JAPANESE II
Course Offered: Semester 1 and 2
Course Numbers: 172262 272262
Grade Levels Offered: 11, 12

Further your skills at speaking, reading, and writing Japanese. By the end of this course, you will have learned all the major structural elements of the language, and have learned approximately 100 more kanji. You will be able to hold more involved conversations in both polite and informal Japanese, and will be able to understand a much larger amount of the Japanese heard in movies, on television, etc. You will be able to express complex ideas in written Japanese will be able to understand much more of the Japanese in newspapers, magazines, and on websites. You will have increased your understanding of Japanese culture and will feel comfortable with interacting with Japanese people in a variety of cultural situations.

Course Offering: JAPANESE III
Course Offered: Semester 1 and 2
Course Numbers: 172263 272263
Grade Levels Offered: 12

Develop advanced skills at speaking, reading, and writing Japanese. By the end of this course, you will have increased your understanding of the elements of the language, have learned approximately 100 more kanji, and be able to converse on a wide range of topics using polite, informal, humble, and honorific Japanese. You will be able to speak with much greater fluency and accuracy, and will be able to understand significant amounts of the Japanese heard in movies, on television, etc. You will be able to write on a wide range of topics, and will be able to read significant amounts of Japanese media. You will have built on your understanding of Japanese culture and will understand more of the nuances in interacting with Japanese speakers. *Prerequisite:* Successful completion of Japanese II or instructor approval.

Course Offering: JAPANESE IV
Course Offered: Semester 1 and 2
Course Numbers: 172264 272264
Grade Levels Offered: 12

Further develop your skills at speaking, reading, and writing Japanese. By the end of this course, you will have become a much faster and more accurate speaker, have learned approximately 100 more kanji, and be able to interact with Japanese people comfortably in most situations. You will be able to interact with Japanese media (movies, internet, magazines, etc.) to a much higher degree of complexity. You will have furthered your understanding of Japanese culture and will feel comfortable handling complex cross-cultural issues. *Prerequisite:* Successful completion of Japanese III or instructor approval.

MISCELLANEOUS OPTIONS

Offering: STUDY HALL
Course Offered: Semester 1 and/or 2
Course Numbers: 172826 272826
Grade Levels Offered: 11, 12

This is the regular study hall option for students registering for only five courses in any one semester.

Offering: TECHNOLOGY ASSISTANTS
Course Offered: Semester 1 and/or 2
Course Numbers: 172838 272838
Grade Levels Offered: 11, 12

The purpose of the Technology Assistants program is to train a group of interested and enthusiastic students to use a variety of technologies in our school so that they may act as peer tutors and be available as classroom resources for teachers. This class is designed to help students gain technology skills and to provide them with opportunities to share those skills. Students involved with this class will be assigned to the library one-hour a day. During this time, they will have an opportunity to learn and practice new skills and to be available for assistance.

ALTERNATIVE LEARNING EXPERIENCES

Program Offering: OPTIONS AT EDINA HIGH SCHOOL
Grade Levels Offered: 10, 11, 12

Options at Edina High School is a separate school within Edina High School designed to provide an alternate educational experience for students who have fallen significantly behind in their graduation plan. This program provides a smaller learning environment in which instruction is personalized and the student experience is unique to their needs. The course schedule is flexible and much of the coursework is offered in a computer-based format. Students will have the chance to work at their own pace, toward their own learning goals. Online coursework, however, is supplemented by direct instruction from a highly qualified teacher. In addition to their core coursework, students will have the opportunity to participate in a school-to-work skills seminar as well as service learning projects for credit.

Course Offering: FITNESS FOR LIFE: GUIDED FITNESS STUDY
Course Offered: Semester 1 or 2
Course Numbers: 171806 271806
Grade Levels Offered: 11, 12

Through this course students will participate in a self-designed fitness program. Students need to participate in a minimum of five forty-five minute workouts per week, which will be verified by a personal trainer, coach, or adult supervising the program. Students will design, implement, and evaluate their own fitness program through web resources, weekly assignments and regular meeting (every other week) with the instructor. Students are required to attend a mandatory training session on designated dates for baseline and final fitness assessments as well as Moodle training. This course is designed for self-motivated students. Students are required to have on-line access.

Course Offering: SUMMER FIELD-BASED SCIENCE I
Grade Levels Offered: Students entering 11, 12

In this 2-week summer course, students will study scientific topics in a wilderness setting. Through the process of experiential education, the students will not only design and carry out scientific experiments in the field-based setting of Northern Minnesota, but will also gain wilderness camping and survival skills only attainable in these settings. *Registration for this course requires application and admission to the program.* To obtain application materials and additional information about the program, please contact Mr. Burfeind or view information at https://www.edline.net/pages/Edina_High_School/Academic_Groups/Summer_Field_Based_Science

Course Offering: SUMMER FIELD-BASED SCIENCE II
Grade Levels Offered: Students entering 12

This course is a follow up to Summer Field Based Science I. Students will serve as teacher assistants, helping with planning and preparation for the course while also acting as mentors for the Summer Field Based Science I students. Students applying should have completed Summer Field Based Science I and have a high level of interest in the area of natural science in wilderness settings along with strong leadership skills. To obtain application materials and additional information about the program, please contact Mr. Burfeind or view information at https://www.edline.net/pages/Edina_High_School/Academic_Groups/Summer_Field_Based_Science

Course Offering: COMMUNITY EDUCATION SERVICES

Grade Levels Offered: 10, 11, 12

Edina students are encouraged to explore the alternative learning experiences available through Community Education Services. This program is described in the Community Education Services catalog that is sent to every Edina home and is also available from first-period teachers. All courses require payment of a fee.

Course Offering: ENGLISH AS A SECOND LANGUAGE PROGRAM

Grade Levels Offered: 10, 11, 12

Course Offered: Semester 1 and Semester 2

This program is designed for students for whom English is a second language. This course provides credit in a variety of learning areas for English language learners. Proficiency-oriented language instruction will also be provided and tested. Eligibility for the program will be determined by English proficiency testing.

Program Offering: GIFTED EDUCATION PROGRAM

Secondary students are selected for participation in the Gifted Education Program on the basis of nationally normed achievement, aptitude and intelligence tests, teacher recommendations and family summary data provided by parents. The program provides for opportunities to work in areas of affective and cognitive development through offerings within specialized sections of secondary courses as well as small group and individual counseling. Students are also given opportunities to establish mentorships, select areas for advanced research, and pursue special topics through informational interviews and on-site visitations.

Program Offering: MENTOR CONNECTION

Course Numbers: 172839 272839

Grade Levels Offered: 10, 11, 12

Program Offering: POST-SECONDARY ENROLLMENT OPTIONS PROGRAM

Grade Levels Offered: 11, 12

The 1985 Special Session of the Minnesota Legislature passed an enrollment option act which allows high school students to enroll in post-secondary (college or vocational) courses at no charge to the student for tuition, fees, textbooks, materials or other necessary costs. Credits earned while participating in this program count as high school and post-secondary credit. Eligible institutions are Minnesota public post-secondary institutions or private, residential, four-year liberal arts, degree granting colleges or universities located in Minnesota. Students may participate on either a full-time or part-time basis, but they may not be more than full-time. Coordination among parent/student, post-secondary institution, and high school is essential. Appropriate post-secondary procedures are coordinated by the parent/student with admissions offices. Program and credit determination is coordinated with the high school and sent to the Minnesota Department of Education. See your high school counselor for information and clarification.

Program Offering: SPECIAL EDUCATION SERVICES

Grade Levels Offered: 10, 11, 12

Students who have disabilities related to hearing, vision, speech, physical mobility, or who have disabilities related to learning or behavioral adjustments/problems may be eligible for special education service after an assessment to determine eligibility and need. Students may not register for these services; enrollment is a team decision and is based upon the assessment results. Programs which carry credit toward graduation include Remedial and alternative courses in the Resource Room, adaptive physical education, and work experience programs. Programs that are noncredit services include occupational therapy, speech therapy, instruction and interpretation for the hearing impaired, monitoring, special transportation, and vision specialists.

Program Offering: STUDENT ASSISTANT

Course Offered: Semester 1 and/or Semester 2

Course Numbers: 172837 272837

Grade Levels Offered: 10, 11, 12

Student Assistant is the title given to students who wish to work as library, media, office or teacher assistants. The student who registers for this noncredit course should be prepared to work the entire period each day. This service activity will be noted on his/her transcript. Before registering for this program, the student must secure a written approval from a faculty or staff member.

Program Offering: STUDENT COUNCIL
Course Offered: Semester 1 and Semester 2
Course Numbers: 172828 272828
Grade Levels Offered: 10, 11, 12

This is an independent study class in "applied government" for those students elected to the Student Council. In addition to dealing with school concerns, students will have contact with community leaders, city hall personnel, county officials, and state government officials for the purpose of experiencing democracy in action. The students will analyze the legislative process at the local, county and state levels. (Note: Students will receive a Pass-Fail grade in this class. Letter grades A-D will not be assigned. It is, however, still a credit-bearing course)

Program Offering: YOUTH SERVING YOUTH
Course Offered: Semester 1 and Semester 2
Grade Levels Offered: 10, 11, 12

Involvement in Youth Serving Youth can occur in a variety of ways. Students should talk to the Youth Serving Youth Coordinator if they are interested in learning more about activities available. Students should also talk to the YSY Coordinator about completion of their expected 10 hours of community service before graduation from Edina High School.

Program Offering: WINDIGO
Course Offered: Semester 1 and Semester 2
Course Numbers: 172841 272841
Grade Levels Offered: 10, 11, 12

This is the course registration option for students who have been selected as *Windigo* staff members.

Program Offering: ZEPHYRUS
Course Offered: Semester 1 and Semester 2
Course Numbers: 172842 272842
Grade Levels Offered: 10, 11, 12

This is the course registration option for students who have been selected as *Zephyrus* staff members.

Course Offering: WORK EXPERIENCE CLASS
Course Offered: Semester 1 and Semester 2
Course Numbers: 172545 272545
Grade Levels Offered: 10, 11, 12

Students will develop career awareness and knowledge of the world of work. Topics include job acquisition, money management, job safety, career exploration, post-secondary planning, and daily living skills/issues.

Course Offering: WORK EXPERIENCE JOB
Course Offered: Semester 1 and Semester 2
Course Numbers: 172546 274546
Grade Levels Offered: 10, 11, 12

Students are released from school to work in the community after attending school for a minimum of four hours daily, fulfilling the requirements for academic and related instruction. Students will receive two credits for successful paid employment, working a minimum of 10 hours per week. Student progress is evaluated by both employer and teacher coordination. Transportation to job sites (within city limits) is provided by the high school. Students must enroll in work experience class (172545 & 272545) to receive job credit.

HENNEPIN TECHNICAL COLLEGE

Registration Information Guide
Eden Prairie Campus

Edina High School is a member district of the Hennepin Technical College (HTC) located in Eden Prairie. For the 2010-2011 school year, HTC will offer two distinct types of courses to match each student's level of career readiness: career cluster courses and college major courses. Intermediate District 287 serves high school students by offering college courses that are designed to match each student's level of career readiness. Intermediate District 287's Career Cluster courses focus on career skill development experiences and decision making, while college major courses can lead students toward a degree, diploma or certificate. In addition, students are encouraged to also refer to the HTC course offering list and course descriptions that are available in the counselor's office or at HTC.

LEVEL I CLUSTER COURSES

Career Cluster courses are designed to assist you in making career decisions. Hands-on instruction is emphasized. Each course offers you a broad array of information from similar careers within an industry. From here, you could branch off into a major for your college career choice. Your class activities will include tours of business and industry, exposure to equipment and practices representative of current technology, and lab projects designed to "put it all together". You will gain an overview of the opportunities within your chosen career cluster. Specifically, you will develop a foundation of technical knowledge and skill development experiences, acquire a deeper understanding of how each related college major matches your interests, abilities and aspirations and earn college credit by satisfactorily completing the course requirements.

Course Offering: CONSTRUCTION
Course Offered: **Semester 1 or Semester 2**
Course Numbers: **172113 272113**

The goal of this course is to provide students with experiences and examples of the construction industry that will allow them to assess their own abilities and interests in the various construction disciplines. Students will participate in classroom, shop and house project activities. Through these projects, students will have hands-on experiences including demolition, blueprint reading, floor/wall framing, drywall, plumbing, electrical, HVAC, roof framing, roofing, exterior and interior finish work, and CAD systems. This experience will allow students to make informed career decisions for the future, while providing them with a useful background in the construction industry.

Course Offering: CULINARY ARTS
Course Offered: **Semester 1**
Course Numbers: **172151**

This course is intended to introduce students to a variety of careers in the food service industry. Students will experience a number of career areas through both technical and hands-on skills. Employment opportunities and career advancement will be discussed and explored. Food preparation experiences will range from the very basic to gourmet. Students will also explore some specialty career areas within the food service industry. In this Culinary Arts course, students use mathematics applied in a technical context. Students will often be asked to integrate a variety of mathematics as they work, such as geometry, algebra, measurement, graphing, etc. Particular attention will be paid to the areas tested on the Graduation-Required Assessments for Diploma (GRAD) portion of the MCA test. ***Note: A uniform fee of approximately \$30.00 will be required.**

Course Offering: CULINARY ARTS
Course Offered: **Semester 2**
Course Numbers: **272151**

This course offers a more advanced level of culinary training tailored to the standards of the culinary industry. Students will be expected to perform at entry-level industry standards. Hands-on activities are about 70 percent of the coursework. In this Culinary Arts course, students use mathematics applied in a technical context. Students will often be asked to integrate a variety of mathematics as they work, such as geometry, algebra, measurement, graphing, etc. Particular attention will be paid to the areas tested on the Graduation-Required Assessments for Diploma (GRAD) portion of the MCA test. ***Note: A uniform fee of approximately \$30.00 will be required.**

Course Offering: FOOD SERVICE ASSISTANT
Course Offered: Semester 1 and Semester II
Course Numbers: 172121 272121

Students will acquire a basic knowledge of the skills required to perform a variety of tasks in a particular area of food service through hands-on learning. Skill development will meet industry standards at the entry level. The area of job related social skills will be covered and reinforced on a daily basis. Students should be willing and able to participate in group activities, communicate with those around them, and work independently. Students should be interested in the food service industry as a possible career. ***Note: A lab fee of approximately \$5.00 for a chef's hat will be required.**

Course Offering: MEDICAL CAREERS
Course Offered: Semester 1
Course Numbers: 172123

This exciting course is for students who are interested in exploring a career in the medical field. Time is spent in class exploring your options through a variety of learning methods including hands-on skills, role playing, discussion, and guest speakers. Topic areas assist the student to explore the legal and ethical responsibilities of a health care worker plus a variety of medical career options, to develop career goals, identify personal characteristics, learn medical terminology (the language of health professionals), and to be given an introduction to anatomy and physiology of the human body. Upon completion of this introductory course, students may continue their health care career pathway by enrolling in the spring offering of Nursing Assistant course. Completion of Fall and Spring Semester provides an opportunity to continue their education through enrollment in programs such as Licensed Practical Nursing, Emergency Medical Services, or Medical Assisting. Included in this Medical Careers course is an integrated math curriculum. This is to be accomplished through the addition of math concepts, terms, calculations and their application to real health care situations. Collection of data through measurement tools will be used to create graphs to evaluate and analyze for trends and to demonstrate the affect on patient care outcomes. Particular attention will be paid to the areas tested on the Graduation-Required Assessments for Diploma (GRAD) portion of the MCA test.

Course Offering: NUSING ASSISTANT
Course Offered: Semester 2
Course Numbers: 272127

This advanced course prepares students for entry-level patient care jobs and expands on the Medical Careers course. Students will acquire skills in basic nursing, emergency response, human-needs rehabilitation and restorative services. Skills are practiced in a supervised laboratory and a long-term care facility. Upon successful completion, students will receive American Heart Association CPR and First Aid cards and be eligible to take the state Nursing Assistant Registry exam. There is a cost for the State Exam for the Nursing Assistant Certification, but this may be reimbursed to students if employed as a nursing assistant in a nursing home within a certain amount of time. Successful completion requires 80 percent or higher scores on each written test, completion of all skill demonstrations, clinical hours, and 90 percent or better attendance. A mantoux test and a clean background check are required. The course meets Federal and Minnesota Department of Health requirements. Included in this Nursing Assistant course is an integrated math curriculum. This is to be accomplished through the addition of math concepts, terms, calculations and their application to real health care situations. Collection of data through measurement tools will be used to create graphs to evaluate and analyze for trends and to demonstrate the affect on patient care outcomes. Particular attention will be paid to the areas tested on the Graduation-Required Assessments for Diploma (GRAD) portion of the MCA Test. *Prerequisite:* Passed the HTC Accuplacer test within the areas of reading comprehension and listening skills. ***Note: A uniform fee of approximately \$30.00 will be required. A uniform is mandatory for the clinical experience.**

Course Offering: OUTDOOR MOTOR SPORTS/ POWER EQUIPMENT I
Course Offered: Semester 1
Course Numbers: 172135

Students will learn how to maintain and repair ATVs, motorcycles, mini bikes, snowmobiles, personal watercraft, as well as small internal combustion engines used on power equipment such as lawn tractors, generators, trimmers, and leaf/snow blowers. Students will also learn engine maintenance, preventive care, problem solving, minor and major engine rebuilding, and how to achieve customer satisfaction. The curriculum focuses on skill building projects and troubleshooting. Students learn industry standards and current technology using both factory and after-market manuals and text. Due to the shortage of power equipment technicians, this course introduces students to a field where the industry welcomes new people and encourages mutual promotion of each other's talents and resources. These series of courses, our facilities, and the instructor are nationally certified by the Equipment & Engine Training Council (EETC).

Course Offering: **OUTDOOR MOTOR SPORTS/ POWER EQUIPMENT II**
Course Offered: **Semester 2**
Course Numbers: **272135**

Students in this advanced course will focus on skill building, diagnostics, trouble-shooting, preventive care, and minor and major engine rebuilding. A large emphasis will be placed on time management which will include ordering parts, customer communications, invoicing, and computer skills. Electrical components, along with reading schematics and the repair to these items, will be a component of this course also. These series of courses, our facilities, and the instructor are nationally certified by the Equipment & Engine Training Council (EETC).

Course Offering: **AUTO BODY REPAIR AND REFINISHING**
Course Offered: **Semester 1 and 2**
Course Numbers: **172133** **272133**

First semester

Learn automotive refinishing, compound and polishing, detailing and collision damage estimating. We recommend that you take the Transportation Technology course first or have equivalent experience. You may receive Hennepin Technical College (HTC) credit if you earn an “A” or “B” in the class and continue your education at HTC. ***Note: A lab fee of approximately \$40.00 will be required.**

Second semester

Learn oxyacetylene welding, mig welding, dent repair and alignment of bolts on parts. You may receive Hennepin Technical College (HTC) credit if you earn an “A” or “B” in the class and continue your education at HTC. *Recommended prerequisite:* Passed the state level BST – Reading and Math tests. ***Note: A lab fee of approximately \$40.00 will be required.**

Course Offering: **AUTOMOTIVE TECHNOLOGY**
Course Offered: **Semester 1 and Semester 2**
Course Numbers: **172134** **272134**

Learn diagnostic and problem-solving skills to quickly and accurately diagnose hard-to-find troubles with today’s sophisticated vehicle components. If you enjoy working with your hands and “tinkering” with cars, this course will give you a start on the road to a skill that has evolved from mechanical repair to a high technology job.

First semester

Learn about basic automotive systems and begin mastering tools, techniques and maintenance procedures regularly performed on automobiles. Perform work on customer vehicles, or perhaps your own vehicle. Acquire shop safety habits essential to work in an automotive service shop. Use an on-line automotive resource room similar to those found at most quality automotive service centers.

As you advance, you learn suspension system theory and diagnosis. Perform repair and maintenance procedures on tires and critical steering and vehicle handling components. Be introduced to automotive electrical systems such as starting and charging components. ***Note: A uniform fee of approximately \$30.00 will be required.**

Second semester

The focus continues on fundamental automotive theories and operating systems. We reinforce safe shop practices as you learn about automotive brake systems through lecture and hands-on activities. Learn how to flare a brake line, rebuild calipers and wheel cylinders, and replace brake hoses and brake linings. ***Note: A uniform fee of approximately \$30.00 will be required.**

You may receive Hennepin Technical College (HTC) credit if you earn an “A” or “B” in the class and continue your education at HTC. *Recommended prerequisite:* Passed the state level BST – Reading and Math tests. *Strongly Recommended Prerequisite:* Transportation Course or equivalent automotive related experience.

LEVEL II MAJOR COURSES
(Associate in Applied Science Degrees, Diplomas, and Certificates)

After successfully completing a related Career Cluster Course, you may continue your education by enrolling in college major courses. This is an excellent opportunity to begin your college course work while still enrolled in high school. Successful completion of a college major will lead you toward employment in your chosen career. Instructors/counselors will help you as you progress. Many courses meet for two hours during the school day, Monday through Friday. Courses are also available at other times of the day, evenings, and weekends. Ask your high school counselor for the Hennepin Technical College catalog, course schedules, enrollment procedures, college contact persons, and other information related to college major choices.

Additional coursework is available through Hennepin Technical College. For additional information please see either www.hennepintech.edu or www.northernstaronline.org.

WEST METRO EDUCATION PROGRAM
Interdistrict Downtown School
General Information

The West Metro Education Program (WMEP) is a partnership of ten metro area school districts: Brooklyn Center, Columbia Heights, Edina, Hopkins, Minneapolis, Richfield, Robbinsdale, St. Anthony-New Brighton, St. Louis Park, and Wayzata. The Interdistrict Downtown School, a magnet school of WMEP, is located in the heart of the metro area, close to real-life learning labs in the arts, education, business and government. Its curriculum taps into the vast resources of the city as teachers develop new opportunities for students. Students have opportunities to study music at MacPhail and Orchestra Hall and can study theater at the Guthrie, the State Theater and the Orpheum. Students may learn about government, the judicial system, and law enforcement at City Hall, in courtrooms, or judges 'chambers. Students will have an opportunity to look at businesses and the economy with community leaders who are the school's neighbors. Students will work in a space designed for real-life learning, experimenting in the lab, dancing, singing or acting in the studio, and creating community in every space.

The Interdistrict Downtown School pledges that a graduate will:

- 1) Be prepared for life-long learning,
- 2) Come to see life as offering many lessons and opportunities,
- 3) Build a foundation of strong basic skills and higher order thinking,
- 4) Have achieved high academic standards through a challenging curriculum that draws on the best teaching practices,
- 5) Demonstrate affirming, respectful relationships,
- 6) Discover and develop his/her talent(s),
- 7) Be prepared to live and work in a diverse society and global community.

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The Interdistrict Downtown School is a public school K-12 program. Students who are enrolled in any of the ten participating West Metro Education Program districts may apply. Applicants are selected by lottery based on space available for the home district. Students accepted into the Interdistrict Downtown School will attend this school full time and will not attend classes at Edina High School. Transportation to the Downtown School is provided for all students by their home districts at no charge to the student. Applications are available at each district. Edina High School students who have questions about the Downtown School or the WMEP program should call Gwen Jackson at the Edina Public Schools District Office (952)-848-3946.