

Cretin-Derham Hall

Table of Contents

Academic Requirements	4
Academic Development.....	9
Business.....	10
Computer Science	11
Counseling	7
Course Levels.....	4
English	13
Fine Arts	17
General Electives.....	23
Grade Point Average.....	5
Guidance	7
Honors Policy.....	4
Incomplete (IC) Grades	5
JROTC	25
Library Media	8
Math.....	29
Mission Statement.....	3
Pass/Fail	5
PACC.....	5
Physical Education.....	32
Post-Secondary Option.....	6
Religion.....	35
Science.....	39
Social Studies	45
World Language.....	50

Cretin-Derham Hall

Preserving the vision

Cretin High School provided quality Catholic education for young men of all economic backgrounds from its founding by the Christian Brothers in 1871.

Derham Hall was established by the Sisters of St. Joseph in 1905 as a college preparatory school to educate and challenge young women to develop their academic potential and to appreciate the arts.

Cretin-Derham Hall, created by merger in 1987, provides an education rooted in Catholic teachings to young people with diverse abilities, needs and talents and continues the traditions which have always been the essence of Cretin High School and Derham Hall.

Promoting the values

Cretin-Derham Hall Curriculum

Cretin-Derham Hall Mission Statement

Cretin-Derham Hall is a Catholic coeducational high school, co-sponsored by the Brothers of the Christian Schools and the Sisters of St. Joseph of Carondelet, committed to Christian values and academic excellence in grades nine through twelve. We will educate young men and women of diverse abilities, cultures, and socio-economic backgrounds for opportunities in post-secondary education.

Values

- Catholic: A conscious focus on Judeo/Christian traditions and Gospel values and Catholic doctrine as understood, celebrated and lived in the Catholic Church. Within a community of faith, we explore our relationship with God through worship, prayer, study and service promoting the dignity of each individual to insure and care for the common good.
- Academic: The process of imparting an identified curriculum for the purpose of preparing students for opportunities in post-secondary education.
- Leadership: Provide an environment in which students learn about, develop and exercise the skills necessary to positively affect their community.
- Community: A body of diverse and inter-related individuals who support, care, and respect each other and seek to demonstrate these values in society.
- Service: A commitment to ministry within the church, school, and community at large to develop a sense of stewardship.
- Diversity: A conscious focus on and a shared responsibility to understand and respect the differences in abilities, religions, cultures, and socio-economic backgrounds of the school community and society.
- Equity: A conscious focus on and a shared responsibility for the development of a gender-fair environment.

Academic Requirements for graduation are as follows:

The Cretin-Derham Hall curriculum is organized on a trimester basis. One credit equals one trimester unit. Seventy-five credits are required for graduation. Included in these totals must be the following:

English	12	Mathematics	9	Science	9
Fine Arts	3	Physical Ed	4	Social Studies	** See note below**
Health	1	Religion	12	World Language	6

Ninth graders are required to take at least seven credits each trimester.

Tenth graders are required to take at least six credits each trimester.

Eleventh graders are required to take at least six credits each trimester.

Twelfth graders are required to take at least six credits each trimester.

Twelfth graders who take Senior Interdisciplinary Symposium (ICL) are required to take at least seven credits each trimester.

Students may take more than the required number of credits.

Social Studies Requirements

Effective with the Class of 2013, the social studies requirement changed.

The new requirements for graduation are:	Grade 9	11 credits
	Grade 10	11 credits
	Grade 11	10 credits
	Grade 12	9 credits

Course Levels

To better meet the needs of students, Cretin-Derham Hall offers courses at a variety of levels. In computing grade-point averages, grades are weighted according to the level of difficulty.

College Prep Level

Most courses are designed for students who are able to master the content and to exercise the academic skills commonly expected of high school students in preparation for college. These courses move at a moderate pace with a moderate level of difficulty and depth.

Advanced Level

Some courses are also offered at an advanced level for students who are able to handle content and materials of greater difficulty and/or depth than in regular courses. These courses move at a somewhat accelerated pace and demand more developed academic skills. A teacher recommendation is necessary for placement in an advanced course.

Honors and Advanced Placement (AP) Level

Some courses are offered at the honors level for students who are able to handle content and materials of a high level of difficulty. They deal with content in greater depth and/or at an accelerated pace. Students are expected to exercise higher-level cognitive functions. A teacher recommendation is necessary for placement in an honors course. Some Advanced Placement courses are also offered. These courses receive Honors credit.

All School Policy for Honors Courses

To take an honors course, a student must have a cumulative 3.5 GPA in that subject area to go into or continue in an honors course. Spectrum – ICL applicants must have a combined 3.5 GPA in the three areas (English, religion, & social studies).

Students below a 3.5 GPA could be admitted to honors courses with a recommendation from the current teacher in that subject. Spectrum-ICL applicants need a recommendation from their current teachers in those three areas (English, religion, & social studies).

Weighted System for Grades

Besides the College Prep level high school courses, some courses are offered at the Advanced and Honors level. Points are assigned for letter grades according to the following system:

This new GPA will be reflected on student transcripts in the summer of 2012.

Letter Grade	Honors	Advanced	College Prep
A	4.50	4.25	4.00
A-	4.17	3.92	3.67
B+	3.83	3.58	3.33
B	3.50	3.25	3.00
B-	3.17	2.92	2.67
C+	2.83	2.58	2.33
C	2.50	2.25	2.00
C-	2.17	1.92	1.67
D+	1.83	1.58	1.33
D	1.50	1.25	1.00
D-	1.17	0.92	0.67
F	0.00	0.00	0.00

Incomplete (IC) Grades

An incomplete, "IC", is a temporary grade, which is given when unavoidable circumstances prevent a student from finishing the course work before a trimester ends. An incomplete must be made up within three weeks of the end of the trimester or it automatically becomes an "F". Exceptions are cleared through the Principal.

Physical Education Pass Option

All students with a final grade of B- or greater have the option of taking any Physical Education class on a Pass basis. Students must request the Pass option from their teacher by the last day of the trimester or the letter grade will stand. Students should see their Phy Ed teacher for a Pass application.

Pass/Fail Option for 11th and 12th grade students

11th and 12th grade students may take one course per trimester on a Pass/Fail basis. These students must carry a full schedule and may not take a study hall or serve as a Teacher Aid. This Pass/Fail option does not apply to elective courses that fulfill the department requirement for graduation.

Written approval of teacher, parents and principal is required. Pass/Fail applications are found in the Guidance Office office.

PACC

The St. Mary's University Program for Advanced College Credit (PACC) provides college level credit courses to 11th and 12th grade students. Approved CDH teachers serve as adjunct faculty to St. Mary's and teach the courses on our campus. Students with a cumulative GPA of "B" or better and who score at or above the 50th percentile on standardized tests may apply for acceptance into PACC courses. These credits are recognized and accepted by many colleges nationally. Accepted PACC students who maintain a "C" average or better in the PACC course receive college credits.

The fee per credit in 2011-2012 was \$60.00. St. Mary's University has not yet determined the fee for the upcoming school year. PACC courses are subject to change. Students will be notified of any changes in the fall of 2012. St. Mary's University will give credit for Readings in Literature OR Senior Interdisciplinary Symposium, not both.

The courses for the 2012-2013 school year that may be offered for college credit are:

Chemistry - Honors	4 credits
Physics - Advanced	3 credits
Physics - Honors	4 credits
Readings in Literature	3 credits
Senior Interdisciplinary Symposium	3 credits

Post-Secondary Enrollment Options Program

At Cretin-Derham Hall, the Post Secondary Enrollment Options Program (PSEO) allows 12th graders to take college courses on college campuses for both high school and college credit. The program provides curricular opportunities to students once they have exhausted the CDH course offerings in a particular subject area. Students may apply to the University of Minnesota and all of its branches, all the Minnesota State Universities, community colleges, technical colleges or any Minnesota private liberal arts college. College tuition, fees and textbooks are paid for by the State of Minnesota.

Students participating in this program are expected to be responsible, self-starting and independent. Interested CDH students are required to contact Mrs. Leslie Connelly in the CDH Guidance Office (lconnelly@c-dh.org or 651- 696-3383) for more information and a complete orientation to the program.

Counseling and Guidance Department

An effective Guidance Department recognizes that individual growth and learning take place in all aspects of one's life: intellectual, social, emotional and physical. Supporting this growth and development is essential in helping students make healthy and satisfying decisions.

Parents are encouraged to call the school at any time for an appointment. We will schedule teacher-student-parent meetings at your convenience. Referrals for academic and or psychological assessment are available upon request. A chemical health counselor is available two days per week.

Cretin-Derham Hall has two support teams for students, IST and CORE. The Individual Support Team (IST) is a referral service for teachers and students aimed at addressing concerns and problems of Cretin-Derham Hall students. IST is comprised of selected faculty and staff members, including Guidance and Campus Ministry. Students who need further intervention may be referred to CORE, a group of guidance counselors and administrators.

Below is a listing of services available to students. These services include guidance (academic/career development) and counseling (personal development).

GUIDANCE

Ninth grade

- Link Crew and student participation in 9th grade orientation to facilitate a smooth transition into high school
- DAT administered on All School Testing Day
- Introductory session to access our peer mentoring program: People Finding People (PFP)

Tenth grade

- PLAN administered on All School Testing Day
- Continued involvement in our peer mentoring program: People Finding People (PFP)

Eleventh grade

- PSAT administered on All School Testing Day
- Parent/Guardian Night for post-high school planning
- Education Fair at Cretin-Derham Hall
- Individual meetings with all 11th graders and parents/guardians to assist in post-secondary planning
- Career/College planning library and resource area
- Jump Start Your Future Day. This day long program gives students the opportunity to get a first-hand look at college preparation. It also introduces students to the Naviance "Family Connection," a web-based college planning interactive site.

Twelfth grade

- Parent & Student night
- Optional individual meetings for 12th graders
- Financial Aid Night for parents/guardians
- Student Honors Night
- College applications processed

COUNSELING

- Resource to classes providing speakers, groups, etc.
- One-to-one counseling
- Monitor academic progress
- Peer mentor program: People Finding People (PFP)

Library Media Department Mission

The Cretin-Derham Hall Library Media Department serves all students in becoming information literate and lifelong learners. The CDH library media specialists in collaboration with faculty and administrators, teach literacy skills that are imbedded across the curriculum, teaching students the necessary skills to find, evaluate, and use information for their academic and recreational pursuits.

Library Media Department Philosophy

The Cretin-Derham Hall Library Media Department is focused on service to students, faculty, staff, and the larger CDH community. The focus of the CDH library media specialists and library aides is to engage students in the library media center and classrooms, to hone their own critical thinking skills, evaluate resources, balance technology resources with print resources and to make the library media center an integral part of their learning process. A variety of materials in different formats are made available to engage the learner, including print and digital books, online databases, videos and audio books.

General Description

The Cretin-Derham Hall Library Media Center resources include a collection of over 15,000 print and video resources, forty online databases and digital reference book collections, along with 30 Macintosh computers. In addition the Library Media Center has a student lounge area where recreational reading of books and over 65 periodicals can be enjoyed.

Two licensed library media specialists with Masters in Library and Information Science and two library aides staff the Cretin-Derham Hall library media center. In addition, the library media center includes four technology experts from the technology department.

Information Literacy: Key Skills for the 21st Century

The CDH Library Media Department focuses on teaching 21st century skills for students to become expert researchers, finding information efficiently for their academic work and personal needs. The keys to these skills are found in the following objectives:

- Students will demonstrate an ability to locate print, multimedia, and electronic resources.
- Students will evaluate information in both traditional and electronic formats.
- Students will appreciate the value of reading and literature.
- Students will understand the principles of intellectual property, academic integrity and ethical access to information.

LEARNING LAB

Tri I or Tri II or Tri III

The purpose of this course is to provide students who have specific learning needs with the academic support needed to be successful in their classes. Reading, writing, math and organizational support is given as needed. Students may register for this course with a recommendation from this department.

Grades 9, 10, 11

Business Department

The Business Department provides an environment that enables students to achieve their intellectual potential, to further their business education, and to develop the basic skills and qualities of leadership needed in their personal and business activities. The department also provides a setting for developing Christian values by developing an ethical business viewpoint.

INTRODUCTION TO BUSINESS

Tri I

This course provides students with a background in business areas such as accounting, finance, global business, marketing, manufacturing, transportation, and worker management. The course will also assist students in developing more specific career goals in the field of business. Films and guest speakers are used to supplement the text.

Grades 9, 10, 11

INTRODUCTION TO MARKETING

Tri I or Tri II

Would you be interested in trying your hand at sports marketing or fashion promotion? This course will cover basic marketing concepts and how businesses market products and services to achieve their goals. You will apply what you have learned by creating a mini-marketing plan for sports marketing, fashion promotion or another area of your choosing.

Grades 10, 11, 12

PERSONAL FINANCE

Tri II

Take charge of your financial future! Learn how to manage your financial resources effectively and use credit wisely. You will explore your roles as a consumer, worker and citizen and how they affect personal financial decisions. Units that will be covered include: investing, budgeting, banking, housing, insurance and income taxes.

Grades 11, 12

BUSINESS LAW - Advanced

Tri III

This course provides an opportunity to develop skills in problem solving, the ability to think clearly and logically, to relate facts to principles and thus to reason analytically. Five fundamental areas are covered: business law, civilian law, criminal law, consumer law, and personal law. Activities in class involve case studies, role-playing, films and guest speakers.

Grades 9, 10, 11, 12

INTERNATIONAL BUSINESS

Tri III

This course will serve as an introduction to field of international business. We will discuss international trade, foreign direct investment and international institutions. We will explore in depth the cultural differences and their impact on businesses. We will also compare the differences in governmental regulations and business climate in some parts of the world.

Grades 10, 11, 12

ACCOUNTING I – Advanced

Year long

Students who successfully complete Accounting I will have a basic understanding of accounting concepts. While the study of accounting theory and its applications is important, students will also learn how to handle their own financial records. Students will develop the ability to think critically and solve managerial problems involving tangible situations. They will complete two business simulations wherein actual business papers are used and records kept.

Grades 10, 11, 12

ACCOUNTING II - Honors

Year long

This course will provide the advanced student with the opportunity to apply the basic principles acquired in Accounting I to a variety of bookkeeping and accounting systems. It enables the interested student to gain a deeper understanding of common business methods. Upon completion of the course, the student will be familiar with accounting concepts as they pertain to partnerships, corporations, and cooperatives. Each will complete two business simulations in which actual business papers are used and records kept. One trimester will be spent doing a complete accounting cycle on the computer in the form of a business simulation.

Prerequisite: Accounting I

Grades 11, 12

Computer Science Department

The Computer Science Department serves a two fold purpose:

- 1) to enable students to be competent members of a technological society, and
- 2) to teach students the skills of decision making and problem solving using electronic technology.

Note: All computer courses require a fee of \$30.00 to cover the cost of materials.

KEYBOARDING and BUSINESS APPLICATIONS

Tri I or Tri II

In this course students will learn to keyboard (type) quickly and properly, as well as to use word processing, spreadsheet and database software for business applications. Proper formatting of commonly used business and personal documents will also be covered.

Grades 9, 10, 11, 12

COMPUTER ANIMATION

Tri I or Tri II or Tri III

In Computer Animation students will learn how to bring characters, which they create, to life. They will use Adobe Flash, Garage Band and other applications to create animations. Students will study how to plan and create animations using story telling techniques in a collaborative environment. While there is a technical aspect to this course, students will be using these techniques in a creative way to tell their own stories.

Grades 9, 10, 11, 12

DESKTOP PUBLISHING

Tri I or Tri III

Students will be introduced to desktop publishing concepts, principles, equipment and skills used in the publishing process. Topics will include page layout and design, using columns and grids, adding graphic elements and incorporating color. This course will be taught using InDesign, Illustrator, and Photoshop software, and is a prerequisite for students who may be interested in working on yearbook and other school publications in the future.

Grades 9, 10, 11, 12

INTRODUCTION TO PROGRAMMING – Advanced

Tri II or Tri III

In this course students will be exploring the foundations of computer science and programming. They will start using Alice, a three dimensional programming environment, then transition into programming with Java. Students will create interactive programs, including games and animation. Students will learn how to create their own methods, use variables, and parameters, as well as how to use conditional and looping structures. As a final project, students will use Java and Robocode to program robots for on-line competition. No previous programming experience is required.

Grades 9, 10, 11, 12

COMPUTER AIDED DESIGN (CAD)

Tri I

Students will work with SolidWorks software to explore the fundamentals of C.A.D. including 2D sketching, 3D modeling and design. This course will offer students the opportunity to gain experience using a readily applicable job skill. In addition to drawing and modeling, students will be doing some animation and programming Note: Skills learned will be helpful to members of the first Robotics team, but the class is not limited to Robotics students and content.

Grades 9, 10, 11, 12

WEB PAGE DESIGN AND SITE MANAGEMENT

Tri II

In Web Page Design and Site Management students will be introduced to the basic principles of page and site design, including: layout, media management and HTML code. They will use a variety of applications to create their pages, the content presented on those pages, and to manage the sites in which these pages are contained. Students will learn how to recognize and manipulate HTML tags, as well as create style sheets which will allow them to manage the look and feel of their site.

Grades 9, 10, 11, 12

ADVANCED PLACEMENT (AP) COMPUTER SCIENCE "A" - Honors Year long

The AP Computer Science "A" course is compatible with those topics that are covered in a typical first semester college course in Computer Science. A large part of the course is built around the development of computer programs or parts of programs that correctly solve a given problem, as well as design issues. In addition, other important concepts in computer science are introduced, including the development and analysis of algorithms and data structures, basic hardware and software concepts, and the responsible use of this system.

This course is intended to prepare students for the AP Computer Science "A" exam, and serves both as an introductory course for computer science majors and as a course for people who will major in other disciplines that require significant involvement with computing. Students who pass the AP test receive advanced standing at many colleges.

Prerequisite: Introduction to Programming or instructor's permission

Grades 10, 11, 12

The goal of the English Department is to develop the students' abilities to read, write, speak, and think. Emphasis is placed on acquiring skills in writing and reading comprehension, vocabulary, spelling, library use, research methods, grammar, various media, basic genre, and the understanding and appreciation of literature. Students are expected to read and write in every English class. All English courses are designed to prepare students for college.

*To take an English honors course a student must have a cumulative 3.5 GPA in English or they must petition the English department. Students can meet with their current English teacher for more information.

Requirement - Grade 9:

All required English courses have a summer reading component. Summer reading lists will be made available to students and posted on the school Web site: www.cretin-derhamhall.org.

Values Symposium (year long)

VALUES SYMPOSIUM – English

Grade 9 students are pre-registered for this course.

This ninth grade interdisciplinary course provides all students with a common academic and affective experience as they begin their secondary school education. Based expressly on the CDH values of academics, service, leadership, Catholicity, community, equity, and diversity, this year long course is team taught through the religion, English and social studies departments, and is supported by technology integration. It is our goal that students will learn more effectively by connecting traditionally separate subjects, providing a more natural educational process in preparation for life-long learning. Students will practice basic writing skills including paragraph and essay structure, as well as, personal, descriptive and narrative essay styles. Important aspects of this course include the building of relationships among the students and between students and their teachers, developing critical thinking and communication skills and encouraging informed citizenship and active participation in the CDH community.

Grade 9

Requirement - Grade 10:

All required English courses have a summer reading component. Summer reading lists will be made available to students and posted on the school Web site: www.cretin-derhamhall.org.

English 10 (year long) OR
English 10 - Honors (year long)

ENGLISH 10

Year long

Each student stands both as a local and global citizen. The tenth grade curriculum creates an opportunity for students to read novels, short stories, poetry and plays, which spring from cultures other than their own. These areas of study will include Shakespeare, diverse mythological and imaginative pieces, and a variety of other perspectives that will allow students to become acquainted with other peoples and worlds. By year's end, students will see their world with new eyes, appreciating and recognizing what experiences are common to us all.

Students will explore novels, short stories, plays and poetry. There will be a strong emphasis on writing. Students will become proficient at writing comparison, persuasion, literary and personal analysis essays. Students will continue to enhance their understanding of parts of speech, pronunciation, sentence and paragraph structure, writing process and lively writing habits and skills. This 10th grade course continues the development of communication skills.

Grade 10

ENGLISH 10 – Honors

Year long

Each student stands both as a local and global citizen. The tenth grade curriculum creates an opportunity for students to read novels, short stories, poetry and plays, which spring from cultures other than their own. These areas of study will include Shakespeare, diverse mythological and imaginative pieces, and a variety of other perspectives that will allow students to become acquainted with other peoples and worlds. By year's end, students will see their world with new eyes, appreciating and recognizing what experiences are common to us all.

Students will learn to both comprehend what they read and express their insights through accelerated reading and

advanced class discussions. There will be a strong emphasis on writing. Students in honors English will write at least two papers per trimester, and will become proficient at writing comparison, persuasion, literary and personal analysis essays. Students will continue to enhance their understanding of parts of speech, pronunciation, sentence and paragraph structure, writing process and lively writing habits and skills. Students who wish to earn the highest grade are required to independently read one extra assigned novel per trimester.

*Grade 10

Requirement - Grade 11:

All required English courses have a summer reading component. Summer reading lists will be made available to students and posted on the school Web site: www.cretin-derhamhall.org.

United States Literature/Composition (year long) OR
United States Literature/Composition - Honors (year long)

UNITED STATES LITERATURE/COMPOSITION Year long

This multi-cultural course introduces U.S. Literature thematically or chronologically from the 1600's to the present. Students will read autobiographies, novels, short stories, plays, poetry and essays. The course will focus on the scope and purpose of U.S. writers and their stories. There will be a strong emphasis on writing and students will develop mastery at writing analysis, comparison, persuasion and personal essay styles, as well as preparation for college entrance essays. Students will continue to work on basic writing skills as well as verb tense, subject/verb agreement, and personal voice and style.

Grade 11

UNITED STATES LITERATURE/COMPOSITION - Honors Year long

This multi-cultural course introduces U.S. Literature thematically or chronologically from the 1600's to the present. Students will do extensive reading of history, autobiographies, novels, short stories, plays, poetry and essays. To succeed in this course, students should be able to carefully read 30-40 pages per night. Extensive writing is a strong component, including mastery of analysis, comparison, persuasion and personal essay styles, as well as preparation for college entrance essays. Students will continue to work on basic writing skills as well as verb tense, subject/verb agreement, and personal voice and style.

Students who wish to earn the highest grade are required to independently read one extra assigned novel per trimester. This honors course is designed for students who are passionate about reading and writing.*

Grade 11

Requirement - Grade 12: Choose One Sequence

All required English courses have a summer reading component. Summer reading lists will be made available to students and posted on the school Web site: www.cretin-derhamhall.org.

English 12 OR
Readings in Literature - Honors (year long) OR
Senior Interdisciplinary Symposium - (Spectrum - ICL) - Honors (year long)

ENGLISH 12 Year long

This year long English course will be taught with relevance, applicability, engagement and action in service as focal points for curricular materials and course work. Students will be challenged to further develop and use their higher-level thinking skills as they read, write, speak and serve.

Reading: Through the examination of a variety of texts from world writers, students will actively comprehend, analyze and synthesize the material using formal, personal and creative approaches.

Writing: This course will offer further practice and development of formal, informal, creative and practical writing. Editing and revision as a part of the writing process will also be a heavy focus.

Speech/Presentation: Students will practice formal and informal public speaking, presenting and interviewing.

Service: As part of this course, students will be involved in service. This course will be paired with a section of the Senior Seminar Religion course to allow for the time needed for service on Thursdays. This will be a stand alone course and not team taught.

Grade 12

READINGS IN LITERATURE - Honors

Year long

The course concentrates on the close reading of provocative, contemplative, unusual, and classic literature. Students who take this course are expected to have excellent reading and writing skills, and they should anticipate an average of at least one hour of homework each night. For students who wish to take the Advanced Placement English exam in the spring, supplementary study materials are available. Many colleges and universities give credit and/or advanced standing to students who do well on the exam.

St. Mary's University will give credit for Readings in Literature OR Senior Interdisciplinary Symposium, not both. St. Mary's University has approved Readings in Literature as part of its Program for Advanced College Credit (PACC). Twelfth graders who take Readings in Literature and maintain a "C" average in this class may earn three college credits from St. Mary's which are transferable to approximately sixty other colleges and universities.

Grade 12

SENIOR INTERDISCIPLINARY SYMPOSIUM - Honors

Year long

Senior Interdisciplinary Symposium (Institute for Catholic Leadership) is an interdisciplinary course that fulfills the 12th grade requirement for credit in English, social studies and religion. The course admits approximately forty-five students per section, is taught by three teachers (one from each discipline) and meets for two consecutive class periods.

The three disciplines in the course are integrated in two primary ways. First the course focuses upon themes that are common to the three subject areas. The values of Catholic Social Teaching underlie the selection of literature and guide the approach to each topic. Second, the disciplines are integrated through an emphasis on developing skills: reading, writing, critical thinking and discussion.

ICL has a focus on service-learning and leadership. When a student registers for ICL, he/she agrees to do a year of service at one of the program's designated sites.

Registration for ICL requires a 3.5 cumulative GPA in English, religion and social studies, or recommendation of teachers in these three subjects.

Students will be encouraged to attend and participate in an overnight retreat. Approximate cost: \$65.00. Financial assistance is available to students who cannot otherwise afford to attend the retreat.

St. Mary's University has approved ICL as part of its Program for Advanced College Credit (PACC). Twelfth graders who take ICL and maintain a "C" average in this class may earn three college credits from St. Mary's which are transferable to approximately sixty other colleges and universities.

St. Mary's University will give credit for Readings in Literature OR Senior Interdisciplinary Symposium, not both.

* Grade 12

ELECTIVES

These electives may be taken in addition to the required year long English course for each grade level.

ACADEMIC AND PERSONAL LITERACY

Tri I or Tri II or Tri III

This course is open to students interested in improving their reading ability and their appreciation for literature. Students will be taught strategies to better comprehend what they read in and out of school and will be expected to practice these strategies in various reading opportunities throughout the trimester. Reflecting about literature through writing will be a focus of the course. Students will be encouraged to choose their own reading material, but will also utilize texts from other classes they are taking, along with essays, novels, articles, and short stories. They must be motivated to work independently and be sincerely interested in improving their reading comprehension.

Grades 9, 10, 11, 12

COMPOSITION 9 and 10

Tri I or Tri II or Tri III

This course is for any 9th or 10th grade student who would like to improve his or her writing skills. The course certainly will help any student who struggles with writing, but it also is meant to hone the skills of more advanced writers. Students will spend the trimester intensively writing a variety of papers to improve their fundamental writing skills. These papers may include descriptive, narrative, persuasive, compare and contrast, and analytical essays, as well as work from other classes, but they will not be limited to these. Many assignments will be based on the students' practical needs.

This course is recommended for all 9th and 10th graders.
Grades 9, 10

COMPOSITION 11 and 12

Tri I

This course is recommended for 11th and 12th grade students interested in improving their writing skills. Students will write a variety of essays: persuasive, literary analysis, contrast/comparison, personal narrative and college applications.
Grades 11, 12

CREATIVE WRITING

Tri II

Using published pieces of writing as models, students write poems, stories, dramatic scenes, and essays. Student collaboration, evaluation and revision are essential parts of this course.
Grades 10, 11, 12

ENGLISH TOPICS

Tri III

If you think that there's more than a kernel of truth in children's stories, this class is for you. We will explore stories from "Alice in Wonderland" to "Where the Wild Things Are," from "Matilda" to "Coraline" to better our understanding of growing up, imagination and metaphor. We will spend time exploring the often conflicted and confusing adult world from the perspective of children. The class will focus on elements of literary theory, developmental psychology and the joys of reading out loud. The class will have a large project component.
Grades 9, 10, 11, 12

FILM STUDY

Tri I or Tri II or Tri III

Students will have the opportunity to view films and to learn how to critically analyze a film. Evaluation will be through class discussions and papers written on the films studied.
Grades 10, 11

INDIVIDUALIZED READING

Tri II

This is a course for people who either like to read or love to read. With direction from the teacher, students pick from a wide variety of books: fiction (novels, short stories, plays) and non-fiction (historical, political, scientific). The course is designed to foster a love for reading. The main activity of the course is silent reading. Assessment may include the following: reader's journal, short written reflections, short conference with the teacher about the book(s).
Grades 10, 11, 12

MEDIA STUDIES

Tri III

Media Studies will focus on the relationship between Americans and their media. This class will explore what media are, how our culture creates and is shaped by our media world, how advertising dollars affect media programming, and finally explore the future direction of media. The class will include journaling, analysis, presentation and an independent media project.
Grades 10, 11, 12

READER'S THEATER

Tri II

Reader's Theater is a study of vocal development. Students learn to revive and to enliven literature through communication skills. The class will encompass the study of poetry, prose, readers theater, drama and principles of analysis for interpretation. This class can be taken as a Fine Art elective.
Grades 9, 10, 11, 12

SPEECH

Tri I

Students will develop public speaking and communication skills through the study and practice of different areas of speech communication. Organizational preparation will be stressed. Some oral interpretation of literature will also be included.
Grades 9, 10, 11, 12

The Fine Arts at Cretin-Derham Hall currently includes choral music, instrumental music, media arts, the visual arts and theater. The fine arts stimulate and satisfy the human need for active participation in the creative process: active participation is the study and creating of works of art; the creative process develops the techniques and skills required to produce this art. Both of these elements nurture students' senses, emotion, and intellect. The fine arts program provides a basis for life-long enrichment and personal growth.

Media Communication Arts

CREATIVE COMMUNICATION I:

Tri I or Tri II

FIND YOUR OWN VOICE

Find Imagination; Do Creativity; Be Beyond. Develop all your Multiple Intelligence smarts; Stretch your Right Brain. Much of Life doesn't have one right answer; find ways to solve those problems creatively. Find ways to think critically about everything. Then express your own opinions and passions with power through vehicles like sounds, language, movement, drama or visuals instead of papers, collages and powerpoints. Find ways to use creativity in other classes, in relationships, in jobs, in sports and arts, in changing the world and your own future. Find who you are, how to be alive, and what you have to say. Professional creators will help you study Fun. Do what you can't do anywhere else.

Grades 9, 10, 11, 12

CREATIVE COMMUNICATION II: - Advanced

Tri III

POLISH AND PUBLISH

Got something Hot? Use re*re*re*re*re*Vision to make it more Cool. Creative mentors help you take your writing, music and songs, visual arts, inventions and designs, movies and plays, movement and games to a more professional level and then to the public. Learn how to make a submissions package with cover letter and promos. Learn how to find the audience that is wanting to find you. Maximum independence is encouraged and nurtured. Helping you develop a creative vehicle to express your passion is our passion. Share your Voice.

Prerequisite: Creative Communication I or instructor's permission

Grades 9, 10, 11, 12

Music

BEGINNING BAND

Year long

Beginning Band is a class open to students who have little or no experience with music or playing a band instrument. This scheduled class is a combination of daily private lessons and an independent study. Beginning Band instruments are limited to Tenor Saxophone, Trumpet, Trombone, Baritone or Tuba. Students who do not have an instrument may rent one from the school. The focus of Beginning Band is to prepare for membership in Concert Band or Wind Ensemble. Students will remain in Beginning Band until they are ready to advance. Music fundamentals, note reading, rhythm vocabulary, scales and instrumental techniques are stressed. Daily practice will be required.

Interview with instructor required

Grades 9, 10, 11, 12

CONCERT BAND

Year long

CONCERT BAND - Honors

Year long

Concert Band is primarily a 9th/10th Grade course and is open to students who have studied music previously and currently play a band instrument. The focus of Concert Band is to expand musical knowledge and improve musical performance skills. In addition, vocabulary, notation, music theory, musical interpretation and style, and music history skills are stressed. Requirements include all formal concerts (3-4), all parades (2-3), the Homecoming Field Show, Large Group Contest, JROTC events and 4 pep band events each trimester. Members are also required to take in-school lessons on their instrument (4 lessons per trimester) or opt for private study with an outside specialist. All members also participate in marching band. Marching Band begins in mid-August in order to prepare for fall marching and pep band season.

This is a college prep course; students in Grade 10 may register for Honors level credit with instructor's permission.

Grades 9, 10

WIND ENSEMBLE

Year long

WIND ENSEMBLE - Honors

Year long

Wind Ensemble is primarily an 11th/12th grade course with younger members admitted through audition only. Students are exposed to a more advanced study of performance, theory/notation, musical interpretation and styles and music history. Performance requirements include all formal concerts (3-4), all parades (2-3), the Homecoming Field Show, Large Group Contest, the Suburban East Conference Music Festival, all parades (2-3) and the Homecoming Field Show, 4 pep bands each trimester, JROTC events and other service/performance opportunities that may arise. Members are required to take in-school lessons on their primary instrument (4 per trimester) or individuals may opt for private study with an outside specialist. All members also participate in Marching Band, which starts in mid-August in order to prepare for Fall marching and Pep Band season.

This is a college prep course.

Students may register for Honors level credit with director's permission prior to registration.

Additional requirements for Honors credit include a concert report and recital each trimester.

Grades 11, 12 (Open to Grades 9, 10 by audition)

VOCAL ARTS ENSEMBLE

Year long

VOCAL ARTS ENSEMBLE - Honors

Year long

Vocal Arts Ensemble is a performance-based choir open to both men and women. Students will learn to use their own individual vocal abilities to work together toward common performance goals. The choir will perform challenging and enjoyable chorale repertoire from a variety of cultures, time periods, and styles; as well as periodic performance of single-gender music. This is a semi-select choir for which an informal placement interview is required. While valuable, no particular singing experience is necessary because the group will study vocal skills and music reading and students will have individual vocal instruction. Students will participate in concerts, large-group contest, and other performances. They will also be encouraged to participate in solo/ensemble contest and audition for festivals and All-State Choir.

This is a college prep course; students may register for Honors level credit with instructor's permission.

Grades 9, 10, 11, 12 - men

Grades 10,11,12 - women

POP SINGERS

Year long

This choir will be the most performance based of the choirs at CDH. Repertoire for the ensemble will represent music from popular, jazz, and musical theater genres. Most of the class will focus on preparing music for specific performances and some pieces will include choreography. Students will learn how to sing popular styles with tone and expression appropriate for those styles in a vocally healthy manner. Facial expression, gesture, choreography, and stage presence will also be covered. Note - This select mixed choir will meet on Tuesday and Thursday mornings at 7:15 all year for 1 credit.

Prerequisites: Current membership in Select Treble Choir or Vocal Arts Ensemble or previous CDH choral experience. By audition only or permission of the instructor.

Grades 9, 10, 11, 12

SELECT TREBLE CHOIR

Year long

SELECT TREBLE CHOIR - Honors

Year long

This is a semi-select women's chorus for which an informal placement interview required. This choir will be a performance-oriented choir with students participating in concerts, Large-Group Contest, and other performances. Challenging repertoire in three and four parts from many time periods, cultures, and styles will be included. Music reading skills and vocal techniques will be integrated into the coursework, and students will have individual vocal instruction as well. Students will be encouraged to participate in solo/ensemble contest as well as audition for festivals and All-State Choir if interested.

This is a college prep course; students may register for Honors level credit with instructor's permission.

Grades 9, 10, 11, 12 - women

BEGINNING GUITAR

Tri I or Tri II or Tri III

A course for students who have little to no experience with the guitar. The focus will be on folk music and other styles of music which have easy chord progressions and melodies. We will learn about the instruments, learn basic music reading skills and play both individual notes and chords. Guitars are available for use.

Grades 10, 11, 12

MUSIC THEORY I

Tri I

This course will cover the basic elements of music composition and theory. Some music background is highly encouraged.

Grades 9, 10, 11, 12

MUSIC APPRECIATION

Tri III

This course will introduce you to the fundamentals of music, composers, forms and musical styles through historical periods and major works will be studied. Learn to discriminate and form intelligent opinions about the music you explore both in class and outside of class.

Grades 9, 10, 11, 12

SONGWRITING

Tri I or Tri II or Tri III

Anyone can write songs and guess what? Students don't have to know a thing about music. Songwriting involves loving music, being curious about how it works and a willingness to take a few minor risks. Students will write lyrics and explore melodies and harmonies. Students will work alone and in teams to produce songs for both performance and recording. Some examples of styles covered are: blues, ballads, rap, love songs, R&B, and rock. Students interested in advance work in Songwriting should see Mr. Mark Kreitzer. There is a \$20.00 materials fee for this class.

Grades 10, 11, 12

VIDEO PRODUCTION I

Tri I or Tri II or Tri III

Students will learn how to operate a variety of audio/video equipment as well as a digital, video editing software program. Participants will learn effective interview and video camera techniques, learn to "talk the language of video", script write, edit and learn how to incorporate narration and music in video. The class works on a number of creative projects. This course will help you learn a lifelong, technical skill that can assist you with presentations for other coursework or as a stand-alone art form. Final projects will be a video that students can express their interests and passions about, with teacher approval. There is a \$30.00 materials fee for this class.

Grades 9, 10, 11

VIDEO PRODUCTION II

Tri I or Tri II or Tri III

Students will learn more about the specific roles involved in video making, including advanced camera techniques, scriptwriting and audio for video. Students will get a taste of the real world of deadlines. The class works on real life projects. Using the skills learned in Video Production I, students will create a public service announcement, a short commercial, a music video, etc. For their final, students will create an independent project of their own choosing, with teacher approval. There is a \$30.00 materials fee for this class.

Prerequisite: Video Production I with a grade of "B" or higher

Grades 9, 10, 11, 12

Theater

ACTING I

Tri I or Tri II or Tri III

Acting I is an orientation course which will provide a wide range of theater experiences for students. In working with the academic and experiential forms of theater study, students will be both participants and observers in theater processes. Areas covered will include: improvisation, stage movement and production, styles of theater, pantomime, voice, characterization and creating a role.

Grades 9, 10, 11, 12

ACTING II - Advanced

Tri I or Tri II or Tri III

Acting II offers further development in the theater arts. The acting student is offered a variety of learning activities, which focus more intently on a thorough examination of theater literature, style, and methodology. Areas covered will include: camera acting, theater history, professional theater options, method acting, and play evaluation.

Prerequisite: Acting I with a grade of "B" or higher

Grades 10, 11, 12

IMPROVISATION I

Tri III

This class will focus on short form improvisation. Short form improv (also known as theater games) allows students to discover their lines and actions spontaneously, while following a general theme and format/structure. Examples of short form improvisations are the games played on the TV program, "Who's Line is it Anyway?" Basic concepts such as "Yes and ...", Character and Relationship Building, Staying Active, Adding History, Being Specific, etc. will be stressed. The culmination of the class will be a performance of three improv sets at the spring 24Hour Create-A-Play.

Prerequisite: Acting I with a grade of "B" or higher

Grades 9, 10

IMPROVISATION II - Advanced

Tri I

This class will begin with a review of short form improvisation and will progress into long form improvisation. Long form improv allows students to create scenes related by story, character, or themes. Students will also study comedy writing through satire and parody and will co-write several sketch comedy pieces and short film segments such as those seen on "Saturday Night Live." At the end of the trimester, the class will create and perform in their own Improv show, which will include short form, long form, sketch comedy and short comedic film segments.

Prerequisite: Acting I with a grade of "B" or higher or instructor's permission.

Grades 11, 12

MUSICAL THEATER - Advanced

Tri II

Everyone loves musicals! This course will explore the hard work it takes to reach that contagious fun! Students will study stock characters and the evolution and validity of musical theater. Beginning with selecting the best audition pieces, this class continues with daily singing and simple group choreography. The final product will be a class performance featuring choreographed song-and-dance numbers, as well as ballads from a wide genre of musicals.

Prerequisite: Acting I and Vocal work: May include CDH Chorus or a willingness to begin extra vocal training outside of class

Grades 10, 11, 12

READER'S THEATER

Tri II

Reader's theater is a study of the voice. Students learn to revive and to enliven literature through communication skills. The class will encompass the study of poetry, prose, drama (including characters and accents) and principles of analysis for vocal interpretation and performance. This class can be taken as an English elective.

Grades 9, 10, 11, 12

STAGE CRAFTS

Tri III

Stage crafts explores the technical aspects of the theater. Areas covered will include: make up and costume design, set construction and design, lighting, sound, painting techniques, and production advertising. Many elements learned in class will be directly applied to the current CDH production.

Grades 10, 11, 12

Studio Arts

Note: All studio art courses require a fee of \$30.00 to cover the cost of materials.

CERAMICS I

Tri I or Tri II or Tri III

Clay is a new medium for most students. This introductory course teaches a number of different hand building methods as well as how to use the potter's wheel. Besides work in clay, students will study the work of contemporary potters as well as learning specific information about clay and ceramics equipment. Students are encouraged to make unique pieces.

Grades 10, 11, 12

CERAMICS II – Advanced

Tri I or Tri II or Tri III

Students will work on specific assignments to increase their throwing skills and work toward becoming artist potters. Students will be required to know and add to their knowledge of materials and processes. You also share a great responsibility for studio maintenance, including mixing of glazes and loading and unloading the kilns.

Prerequisite: Ceramics I

Grades 10, 11, 12

CERAMICS III - Honors

Tri II or Tri III

Students who are very serious about working in clay and have been successful in the beginning levels are welcome to work at a more advanced level in the level three class. Students will work on more challenging forms as well as being responsible for more technical information and knowing more about contemporary ceramics.

Prerequisite: Ceramics II and a grade of "B" or higher

Grades 11, 12

DRAWING I

Tri I or Tri II or Tri III

Drawing is a lifelong skill which benefits everyone. If you have little confidence in your present skills, you will be able to learn to draw. And if you feel somewhat confident in your ability, you will gain expertise. The emphasis in the beginning

class is on observational drawing. Subjects and drawing materials will vary with each assignment.
Grades 9, 10, 11, 12

DRAWING II - Advanced

Tri II or Tri III

Students will work to increase proficiency in observational drawing as well as portrait and figure work. Students will use a wide variety of drawing materials and work in different formats, sizes and styles. Drawing II can be taken more than one trimester. Students taking their third trimester of drawing are eligible for an independent study honors credit.

Prerequisite: Drawing I with a grade of "B" or higher

Grades 9, 10, 11, 12

METAPHOTOS: Poems and Pictures

Tri II or Tri III

A picture is worth a thousand words. A poem is worth a thousand pictures. Photography and Poetry both SEE the extraordinary in the ordinary, and new connections between things. This class will combine and weave both art forms to create more than they could separately. Make poems written from photos, photos inspired by poems, comic books, children's books, short stories, posters, "recipes" not involving food, greeting cards, concrete poems right on the shapes in a picture, and more; make the CDH Values visible. Create visual and verbal images with a professional photographer and poet. This class is taught by Ms. Tures and WORDMAN jack kreitzer.

Grades 9, 10, 11, 12

PAINTING I

Tri I or Tri II or Tri III

Students will learn a variety of techniques, color schemes, design and composition while creating paintings in tempera, watercolor and acrylic. Students will work from observation, collage and imagination.

Prerequisite: Grades 10 -12, Drawing 1 recommended.

Grade 9, Drawing 1 required.

Grades 9, 10, 11, 12

PAINTING II - Advanced

Tri II or Tri III

Students will work on larger paper and canvas with watercolor and acrylic. Students will learn additional techniques while they increase their painting proficiency. Painting II can be taken more than one trimester. Students taking their third trimester of painting are eligible for an independent study honors credit.

Prerequisite: Painting I with a grade of "B" or higher

Grades 10, 11, 12

THE ART OF PHOTOGRAPHY

Tri I or Tri II or Tri III

Formerly Photography I, this class will acquaint students with the art of 35mm, black and white photography and digital photography. Students will learn camera operation, film processing, printing and the basics of Adobe Photoshop. The aesthetics and history of photography will also be introduced. Use of a personal digital camera, 5 mega pixel or greater will be encouraged. Students must have time outside of class to take pictures.

Grades 11, 12

PHOTOGRAPHY – Advanced

Tri I or Tri II or Tri III

Experienced students will be introduced to a variety of photographic processes. These processes will include: advanced Photoshop skills, night photography, nature photography, portraiture, fashion photography, hand-coloring, printing on non-paper mediums, continuing digital and film.

Prerequisite: The Art of Photography with a final grade of "B" or higher

Grades 11, 12

PHOTOGRAPHY - Honors

Tri III

This course is designed for the committed, serious photographers for further exploration of advanced techniques and personal statements as artist-photographers.

Prerequisite: Photography II and instructor's permission

Grade 12

PRINTMAKING

Tri I or Tri III

Printmaking is the art of making multiple copies of the same image. Students will work in color and black and white to learn several different printmaking techniques including relief printing, mono prints and silk-screen printing and etchings..

Printmaking can be taken more than one trimester. Students taking a second trimester of printmaking are

eligible for an independent study and advanced credit.
Grades 10, 11, 12

SCULPTURE

Tri II

Students will work in a variety of sizes and materials creating three dimensional works of art. Students will study design as it applies to working three dimensionally.
Grades 10, 11, 12

HUMANITIES - Honors	Tri I (Egypt, Classical Greco-Roman and Judeo-Christian)
HUMANITIES - Honors	Tri II (Medieval World, Renaissance)
HUMANITIES - Honors	Tri III (Baroque, Enlightenment, Romanticism)

PLEASE NOTE: A 3.5 GPA or higher is strongly recommended for Humanities.

The study of Humanities is designed to give the student an understanding of the overwhelming influences that have shaped the art, thought, language, politics, and religion of western civilization. It is a history of this western civilization from the Greeks of 2000 BC to present day North America and Europe. In order to get a full view of the development of human values, beliefs, and emotions through human creation, the focus of the course is on literature, cultural and political history, philosophy, fine arts, architecture, music, theater arts, dance, and film. Students need to bring an interest in anything creative and a desire to work hard in class. Each trimester of the course will deal with different historical and cultural periods. In each trimester the student will be required to read one outside book.

Students may enroll in the course for one, two, or three trimesters.

Students may opt to take this general elective course for one fine arts credit.

Grades 9, 10, 11, 12

DIVERSITY ROCKS! - Advanced Tri I

The health and holiness of any community can be found in the affirmation of all its members. Diversity Rocks! explores identity in the context of race, ethnicity, gender, age, ability, class and sexual orientation in society today. Through reading, reflection, discussion and many activities, students will grow in knowledge and respect of multiple perspectives i.e., seeing the world through the lens of the other.

Grade 11, 12

PEOPLE FINDING PEOPLE (PFP) Year Long – nominations for this class are held in the Spring.

This peer mentoring class has been designed for students who have been nominated for People Finding People (PFP Program.) PFP participants will attend a fall retreat that will introduce peer-listening/helping concepts and theories. The structure of the class will compliment the retreat and continue to provide skill-building opportunities. Students will focus on 19 essential peer-helping skills such as confidentiality, empathy, encouragement, identifying and validating feelings, and making referrals. We will also take the knowledge of those skills and practice them together in a variety of simulated situations. The second trimester will be dedicated to turning the practice of these skills into daily peer listening/helping connections. The strength of this class will be found in its creativity and flexibility and the foundation it will provide for the PFP program. Guidance counselors, Michael Brewer and Jennifer Vinck teach this class.

Students are required to attend and participate in an overnight retreat in the fall.

Grade 12

SEEKING SOCIAL JUSTICE Tri I or Tri II or Tri III

This course provides an opportunity for students to explore justice issues and develop ideas of justice. Students study the theoretical frameworks of justice, apply those frameworks to historical and present justice issues, and apply their knowledge to a capstone action project or research project of a particular justice issue of their choice. This course emphasizes the complexity of social justice issues by uncovering multiple perspectives of each issue. This course is a valuable learning experience for students considering going on a justice trip, as well as students who have been on a justice trip and wish to continue exploring justice issues in a collaborative, holistic, and critical-thinking environment.

Grades 10, 11, 12

THINKING, LEARNING, COMMUNICATING: “Top 20” Tools for Success

Tri I or Tri II or Tri III

(A one trimester elective course. Specific trimester selection is not guaranteed.)

This one-of-a-kind personal development course is designed to lead students through the three essential strategies for self-discovery: thinking, learning and communicating. The goal of this course is to raise the probability that students will be empowered to reach their potential and find more success in high school and beyond.

Some topics covered include:

- Thinking effectively: expanding your comfort zone; monitoring your own moods and attitudes; developing your emotional intelligence; awareness of other people’s opinions.

- Learning strategies: listening; getting organized; goal-setting; eliminating distractions; developing study skills.
- Communicating well with others: non-verbals; getting along with family, friends; conflict resolution; learning how to get help when necessary.

This unique elective course is designed for students of all ability levels; it has reached and touched the lives of over 2700 students in the past thirteen years. Led by Tom Cody, TLC also uses many outside presenters who specialize in personal development.

There are two optional 4-session adult/parent/guardian courses offered during the year in the evenings.
Grades 9, 10

YEARBOOK

Year long

This year long course will cover all aspects of planning and producing the yearbook: writing copy, headlines, and captions, proofreading, editing, graphic design and photography. Above average writing and word processing skills required. Several hours after school are required at each of the four deadlines. **STRONG COMPUTER SKILLS AND/OR INTEREST REQUIRED.**

Prerequisite: Desktop Publishing (may be taken concurrently)

Requires instructor's approval. Application forms are found in the Guidance Office.

Grades 11, 12

The mission of JROTC is “to motivate young people to be better citizens.” This is accomplished through a systematic progression of learning focused on citizenship, leadership, personal responsibility, and service to the school and community. At the same time the program builds self-esteem, teamwork, self-discipline and a sense of accomplishment. The purpose of JROTC is to prepare high school students for responsible leadership roles and to be participating citizens by making them aware of their rights, responsibilities and privileges as Americans. Many optional activities sponsored by the JROTC Department create additional practical leadership and service opportunities for students who desire them. The four-year Leadership Education and Training (LET) curriculum is structured to enable students to enroll at any time during their high school career. It is comprised of the following sub-courses with the yearly content noted.

JROTC (LET-1) JROTC Phy Ed on alternate days*	Grade 9	Year long
--	---------	-----------

* LET-1 students take JROTC three days each week and Physical Education the other two days. Completion of all four years of JROTC will satisfy the four required physical education credits and the one required health credit.

JROTC (LET-2)	Grade 10	Year long
JROTC (LET-3)	Grade 11	Year long
JROTC (LET-4)	Grade 12	Year long

LEADERSHIP EDUCATION & TRAINING 1 (LET-1) Grade 9

Citizenship in Action: Learn the foundations of JROTC and the importance of getting involved as a participating citizen. Study the customs, traditions, history and purpose of JROTC. Understand the rank structure, organization and how the to wear the uniform properly with emphasis on “dressing for success.” Learn about courtesies and protocol associated with the American Flag and the National Anthem

Leadership Theory and Application -- Being a Leader: Develop an appreciation of what makes a good leader through an understanding of the definition of leadership, the desirable traits of a leader, the leadership principles and the leadership styles. Understand how to apply the Be, Know, Do attributes to real-life situations. Know how to take action to prevent and/or stop sexual harassment and assault.

Leadership Theory and Application -- Leadership Skills: Develop proficiency in individual drill movements. Perform drill movements as part of a squad, platoon, company, battalion and brigade. Learn basic cadet knowledge using the Knowledge Bowl format. Demonstrate individual attention to detail and the leadership trait, bearing, during periodic inspections and the Annual Inspection. SET THE EXAMPLE.

Foundations for Success -- Know Yourself: Learn to appreciate diversity in others through “Winning Colors”. Develop a personal growth plan based upon the results of your Personal Skills Map. Understand how brain function, learning styles and multiple intelligences impact on your interactions with others. Study the seven communications skills and how to get your point across in an oral presentation. Discuss the guidelines for managing conflicts and the different types of conflicts found in today’s schools and in our society.

Foundations for Success – Financial Planning: Set financial goals through an introduction to the National Endowment for Financial Education (NEFE) High School Financial Planning Program.

Geography, Map Skills & Environmental Awareness: Learn how to read a map and orient a map to the ground. Study map symbols, colors and marginal information. Locate a point on a map using four and six-digit grid coordinates. Understand elevation and relief (landforms) on a map.

Physical Activity/Leader Assessment -- Cadet Challenge: Develop an appreciation for the importance of physical fitness in maintaining good health and appearance. Perform in the President’s Physical Fitness Program during Leadership Lab and demonstrate individual performance to standard.

Air Rifle Safety and Marksmanship (Optional): Introduce range safety procedures and the safe handling of a weapon. Study the steady hold factors, zeroing, sighting adjustment, and the prone, kneeling and standing firing positions. Fire an air rifle by first zeroing it and then engaging a target for familiarization.

LEADERSHIP EDUCATION & TRAINING 2 (LET-2) Grade 10

Leadership Theory and Application -- Being a Leader: Review the 11 leadership principles; the Be, Know, Do attributes; and the styles of leadership. Discuss the five basic management principles and compare management to leadership.

Leadership Theory and Application -- Leadership Skills: Lead the activities of the assigned cadet organization including freshman instruction, squad drill, Cadet Challenge, inspections, ceremonies and Knowledge Bowl. Apply classroom leadership instruction. Assess personal leadership traits. Apply leadership principles and values. Employ proper techniques of communications. Motivate subordinates. Demonstrate individual attention to detail and the leadership trait, bearing, during monthly inspections and the Annual Inspection. LEAD BY EXAMPLE.

Citizenship in American History & Government: Understand how the Preamble to the Constitution sets the stage for the success of our nation. Study the seven main citizenship skills and understand how they apply to high school students. Learn how to conduct effective small group meetings by studying 13 ground rules, and how to participate in representative group sessions. Obtain an appreciation of the United States Constitution and our democratic form of government through participation in the educational game, "Chief Justice".

Geography, Map Skills & Environmental Awareness: Determine distance and direction to locations on a map and on the ground. Convert azimuths (direction) based upon declination when using a compass together with a map.

Wellness, Fitness, and First Aid: Understand that you are what you eat and the proper nourishment of the body. Know the importance of your response to situations requiring first aid. Study and apply the First Life-Saving Steps. Learn the proper first aid to administer for burns, poisons, wounds and bruises. Study the types of and treatment for heat and cold weather injuries, and bites, stings and poisonous hazards. Discuss the use and effects of drugs, alcohol and other substances. Know how to make critical decisions about substances. Explore the mission and operations of the Minnesota Counter Drug Force.

Physical Activity/Leader Assessment -- Cadet Challenge: Develop an appreciation for the importance of physical fitness in maintaining good health and appearance. Perform in the President's Physical Fitness Program during Leadership Lab, leading assigned subordinates by example and influencing optimum individual performance to standard.

Air Rifle Safety and Marksmanship (Optional): Review range safety procedures and the safe handling of a weapon. Review the steady hold factors, zeroing, sighting adjustment, and the prone, kneeling and standing firing positions. Fire an air rifle by first zeroing it and then firing for familiarization.

LEADERSHIP EDUCATION & TRAINING 3 (LET-3) Grade 11

Citizenship in Action: Learn basic command and staff procedures and how they relate to the duties of the commanders and the principal staff officers of the cadet organization.

Leadership Theory and Application -- Leadership Strategies: Understand how people display prejudice toward others. Identify the reasons for discrimination and stereotyping. Learn ways a leader can guide diverse groups to work together as a team. Learn about performance indicators and the leader's responsibilities as a counselor, and how to negotiate win-win solutions as a leader.

Leadership Theory and Application -- Leading Others: Lead the activities of assigned cadet organization, including freshman instruction, squad and platoon drill, Cadet Challenge, inspections, ceremonies and Knowledge Bowl. Apply classroom leadership instruction. Assess personal leadership traits. Apply leadership principles and values. Employ proper techniques of communications. Counsel and motivate subordinates. Demonstrate individual attention to detail and the leadership trait, bearing, during monthly inspections and the Annual Inspection. LEAD BY EXAMPLE.

Foundations for Success -- Presenting Skills: Develop your oral and written communications skills. Review learning objectives and lesson planning. Present peer instruction on an assigned topic and write a lesson plan.

Foundations for Success -- Managing Conflict: Learn anger management and conflict resolution strategies. Study mediation techniques to resolve conflict and strategies to prevent violence.

Foundations for Success -- Career Planning: Learn the skills necessary to begin the process of career planning.

Foundations for Success -- Organizational Communications: Understand the upward and downward flow of information within organizations focusing on the factors that change, distort and dilute information; the informal communications

systems; and barriers to communications.

Foundations for Success – Planning Skills & Social Responsibility: Study the problem-solving/decision-making process and apply the process to a problem. Develop a personal goals action plan and a personal time management plan.

Foundations for Success -- Financial Planning: Learn about the importance of financial planning (budgeting, savings, investments) as your road map to financial security through the National Endowment for Financial Education (NEFE) High School Financial Planning Program.

Foundations for Success -- Service Learning: Develop an appreciation for the need and importance of dedicating oneself to making a difference in the community through service learning. Participate in a service learning project by teaching Junior Achievement Program lessons to elementary school children in the St. Paul Public School System.

Citizenship in American History & Government – Critical Thinking in Citizenship: Review the 11 Leadership Principles in the context of making sound and timely decisions. Study leadership values and ethics, including the four values that form the basis of trust in organizations, and the four temptations that leaders face. Discuss ethical situations that effect behavior, standards of morality and ethical decision-making in light factors, such as laws, regulations, basic national rights, personal values and institutional pressures.

Geography, Map Skills & Environmental Awareness: Review topographic map information, determining distance and elevation, measuring direction, and plotting/reading six-digit grid coordinates. Study eight digit grid coordinates, declination, polar coordinates, intersection, resection and the use of a magnetic compass.

Physical Activity/Leader Assessment -- Cadet Challenge: Develop an appreciation for the importance of physical fitness in maintaining good health and appearance. Perform in the President's Physical Fitness Program during Leadership Lab, leading assigned subordinates by example and influencing optimum individual performance to standard.

Air Rifle Safety and Marksmanship (Optional): Review range safety procedures and the safe handling of a weapon. Review the steady hold factors, zeroing, sighting adjustment, and the prone, kneeling and standing firing positions. Fire an air rifle by first zeroing it and then firing for familiarization.

LEADERSHIP EDUCATION & TRAINING 4 (LET-4) Grade 12

Citizenship in Action – Foundations of Army JROTC and Getting Involved: Strengthen and expand student knowledge of command and staff relationships and responsibilities, staff organization, delegation of authority, and staff actions. Apply these basic principles while performing assigned command and staff duties within the cadet brigade. Plan, coordinate, execute the Upper Midwest JROTC Challenge and conduct an after-action review. Study the Command Inspection Program and prepare the annual Unit Report.

Citizenship in Action – Service to the Nation: Understand the purpose of the Department of Defense (DOD) by examining its mission, responsibilities and the concept of civilian control over the military. Show the relationship between the Joint Chiefs of Staff and the DOD. Learn the roles of the Active Army and the Army Reserve Components.

Leadership Theory and Application – Leadership Principles: Learn about the types of power and influence and their impact on the leadership situation. Know the leadership styles and understand which styles are best suited for different situations. Compare management skills and leadership skills. Learn to employ motivation strategies that inspire others to achieve goals. Review organizational communications.

Leadership Theory and Application -- Leading Others: Plan, organize and direct the activities of Leadership Lab including freshman instruction, squad/platoon/company drill, Cadet Challenge, inspections, ceremonies and Knowledge Bowl. Apply classroom leadership instruction. Assess personal leadership traits. Apply leadership principles and values. Employ proper techniques of communications. Motivate subordinates. Learn the manual of arms for the saber and lead the Fall Review and Twilight Parade. LEAD BY EXAMPLE.

Citizenship in American History & Government – Critical Thinking in Citizenship: Discuss ethical situations that effect behavior, standards of morality and ethical decision-making. Understand your responsibility and accountability in ethical dilemmas where ones values come into conflict. Review the legitimate avenues of dissent available in an ethical dilemma.

Foundations for Success -- Planning Skills and Social Responsibility: Learn about proper social conduct and behavior. Study the evolution of the regimental mess; and, plan and execute a formal Dining-In and Military Ball.

Foundations for Success – Teaching Skills: Review the techniques of oral communications. Present fall drill instruction to the freshman class using the 8-part teaching plan.

Foundations for Success -- Financial Planning: Learn about the buy now, pay later advantages and disadvantages of credit and the benefits of insurance for your protection through the National Endowment for Financial Education (NEFE) High School Financial Planning Program.

Foundations for Success -- Service Learning: Continue to develop an appreciation for the need and importance of dedicating oneself to making a difference in the community through service learning. Participate as a leader in a service learning project by coordinating the presentation of Junior Achievement Program lessons to elementary school children in the St. Paul Public School System.

Physical Activity/Leader Assessment -- Cadet Challenge: Develop an appreciation for the importance of physical fitness in maintaining good health and appearance. Perform in the President's Physical Fitness Program. Lead the execution of Cadet Challenge in Leadership Lab; prepare performance records; select the Upper Midwest JROTC Challenge team; and identify the top five male and female award recipients.

Air Rifle Safety and Marksmanship (Optional): Review range safety procedures and the safe handling of a weapon. Review the steady hold factors, zeroing, sighting adjustment, and the prone, kneeling and standing firing positions. Fire an air rifle by first zeroing it and then firing for familiarization.

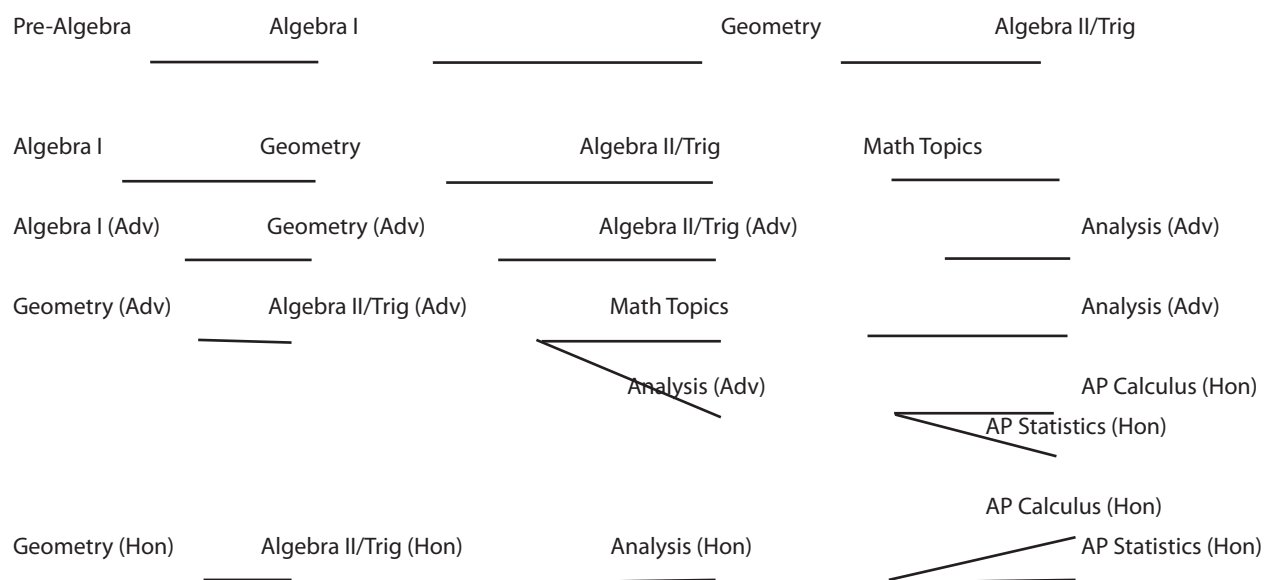
Math Department

Knowledge and appreciation of mathematics is essential to students' intellectual development. Its beauty, its applications and its central place in many other disciplines commend it as a subject that can be understood and enjoyed by all learners. Its study helps students to develop thinking skills, organize their thoughts, understand and create logical arguments, and make valid inferences. Through cooperative learning with students and teachers, students experience the importance of working together and the rewards that come from building community.

The Math Department of Cretin-Derham Hall provides math offerings for students of all ability levels. There is a three year graduation requirement. This requirement may be met by a variety of combinations that fit individual students' abilities and needs. There is no specific course sequence required in the Math Department. All math courses are year long.

Before selecting honors courses, please refer to school policy.

Possible Math Sequences:



PRE-ALGEBRA

Year long

This is a course designed to prepare students who need extra time to ready themselves for the algebra sequence. Review of basic skills is stressed throughout the year. Major topics include fractions, decimals, integers, percents, exponents, polynomials, equations, and graphing. Students completing this course will move on to Algebra I.

Grades 9, 10

ALGEBRA I

Year long

This course covers basic algebraic skills and concepts. Topics include linear and quadratic equations, graphing, factoring, polynomials, radicals, and operations with rational expressions. Recognition of proper problem-solving techniques is stressed, along with thorough solution techniques.

Grades 9, 10

ALGEBRA I – Advanced

Year long

This course covers algebraic topics in greater depth than the Algebra I course. Topics include linear and quadratic equations, graphing, factoring, polynomials, radicals, and operations with rational expressions. While these topics are similar to those offered in the Algebra I course, more emphasis is placed on theory and application in this advanced version.

Grade 9

GEOMETRY

Year long

This course considers the central topics in Euclidean geometry. Emphasis is given to geometric properties and informal proof. Topics include congruence, parallel and perpendicular lines, similarity, areas and volumes, circles, and coordinate

geometry.

Prerequisite: Algebra I

Grades 10, 11

GEOMETRY - Advanced

Year long

This is a course in plane and solid Euclidean geometry. Skills in deductive reasoning are developed. The concept of formal proof is introduced. Topics to be studied include congruence, parallel and perpendicular lines, similarity, areas and volumes, circles, and coordinate geometry.

Prerequisite: Algebra I -Adv or instructor's permission or demonstration of Algebra competency

Grade 9, 10

GEOMETRY - Honors

Year long

This is a course in plane and solid Euclidean geometry. Skills in deductive reasoning are developed. The concept of formal proof is stressed. Topics to be studied include congruence, parallel and perpendicular lines, similarity, areas and volumes, circles, and coordinate geometry. This course relies heavily on higher-order thinking skills.

Prerequisite: Demonstration of Algebra competency or instructor's permission

Grade 9

ALGEBRA II / TRIG.

Year long

This course covers linear and quadratic equations, polynomials, rational expressions, rational exponents, complex numbers, conic sections, radicals, and trigonometry.

Prerequisite: Geometry

Grades 11, 12

ALGEBRA II / TRIG - Advanced

Year long

Topics to be studied in this course include linear and quadratic equations, polynomials, rational expressions, rational exponents, complex numbers, conic sections, radicals, and trigonometry. While topics are similar to those in Algebra II, more emphasis is placed on theory and application in this course. A graphing calculator is required and is an integral part of this course.

Prerequisite: Geometry - Adv or instructor's permission

Grades 10, 11, 12

ALGEBRA II / TRIG. – Honors

Year long

Topics to be studied in this course include linear and quadratic equations, polynomials, rational expressions, rational exponents, complex numbers, conic sections, radicals, and trigonometry. While topics are similar to those in Algebra II, more emphasis is placed on depth of learning and application of concepts. A graphing calculator is required and is an integral part of this course.

Prerequisite: Geometry - Honors

Grade 10

ANALYSIS – Honors

Year long

This course consists of an in-depth study of functions: polynomial, exponential, logarithmic, and trigonometric. It also includes a study of complex numbers, analytical geometry, sequences, series, probability and statistics. A graphing calculator is required and is an integral part of the course. This course also acts as a preparatory class for students who wish to take Calculus the following year. Analysis - Honors is a rigorous math class and requires advanced thinking and study skills.

Prerequisite: Algebra II/Trig. - Honors

Grade 10, 11

MATH TOPICS: A Survey of Applications

Year long

This course is designed for students who wish to develop a math background suitable for a liberal arts education, with emphasis on applications of various topics. Course topics include probability, statistics, graphs, functions, matrices, sequences and series, discrete math and trigonometry.

Prerequisite: Algebra II / Trig
Grade 11, 12

ANALYSIS – Advanced

Year long

This course consists of an in-depth study of functions: polynomial, exponential, logarithmic, and trigonometric. It also includes a study of complex numbers, analytical geometry, sequences, series, probability and statistics. A graphing calculator is required and is an integral part of the course. This course also acts as a preparatory class for students who wish to take Calculus the following year.

Prerequisite: Algebra II / Trig-Adv or instructor's permission
Grade 11, 12

ADVANCED PLACEMENT CALCULUS - Honors

Year long

This is a broad, in-depth study of single-variable Calculus that is designed to prepare students for the Advanced Placement test. (AB) Topics covered include limits and continuity, differentiation and its applications, integration and its applications and graphing. The graphing calculator is an integral part of the course. Students who pass the Advanced Placement test receive credit and advanced standing at most colleges and universities.

Prerequisite: Analysis – Honors or Advanced and instructor's permission
Grade 11, 12

ADVANCED PLACEMENT STATISTICS – Honors

Year long

This course introduces students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students who pass the Advanced Placement test receive credit and advanced standing at most colleges and universities. Graphing calculators are required.

Prerequisite: Analysis – Honors or Advanced and instructor's permissions
Grade 11, 12

Physical Education and Health Department

In each of our Physical Education and Health classes our primary goal is to help students improve their cardiovascular fitness, develop a positive self-image, increase knowledge to build a healthier life-style and teach valuable lifetime activities.

All courses are graded on 4.0 scale, except Phy Ed for JROTC, which is Pass/Fail class.

Graduation requirement: Health: one trimester in Grade 9

Physical Education: four trimesters within Grade 9, 10, 11 or 12

Physical Education Pass option

All students with a final grade of B- or greater have the option of taking any Physical Education class on a Pass basis. Students must request the Pass option from their teacher by the last day of the trimester or the letter grade will stand. Students should see their Phy Ed teacher for a Pass application.

Physical Education waiver options are discontinued.

The Physical Education Department is no longer offering Phy Ed/Athletic Waivers. Students with special circumstances should see a Physical Education teacher to discuss the possibility of Independent Study.

Physical Education Independent Study

Physical Education Independent Study is a full school-year commitment. This program is designed for students who cannot fit a Physical Education class into their student schedule. Students with a Study Hall or who plan to serve as a Teacher Aide may not take Independent Study Phy Ed. Phy Ed teachers will review student applications and will make the final decision regarding approval for Independent Study. Once a student's application is approved, a Phy Ed teacher will contact them. During the first week of September the student and teacher will meet to establish a fitness plan for the upcoming school year. Students will meet with a Phy Ed teacher numerous times during the school year to monitor the Independent study progress. A detailed journal/log with specific descriptions of activities and signature from instructors is required. Students will receive one Phy Ed credit upon completion of the year long Independent Study.

Applications for a Phy Ed Independent Study are found in the Guidance Office.

Applications should be submitted to a Phy Ed teacher on or before Thursday, January 26, 2012

HEALTH

Tri I or Tri II or Tri III

This one-trimester course required for graduation is taken during 9th Grade. The content of this course is designed to provide students with knowledge that will help them build healthier lives. In today's society, it is of the utmost importance to become aware of the health risks associated with certain dangerous behaviors. Ultimately the decisions lie with each individual to choose a healthy life-style.

Grade 9

PHY ED for JROTC

This Pass/Fail class of Physical Education is pre-scheduled for those students taking JROTC-LET 1.

Grade 9

Students may choose from the following courses according to their individual needs and interests.

ACTIVITIES

Tri I or Tri II or Tri III

This course is divided into several different units of two or three weeks in length. Some units include but are not limited to, volleyball, basketball, soccer, floor hockey, and softball. Student input will be used in selecting units for individual classes. Each activity is covered in three ways: introduction, fundamentals and games. Throughout the trimester cardiovascular fitness will be developed through running and other special activities.

Grade 9, 10, 11, 12

INDOOR RACQUET SPORTS I

Tri II

This course will be divided into three units: badminton, pickle ball and ping-pong. Each unit is covered in three ways: introduction and fundamentals, practice and procedure and game or activity performance with an emphasis on playing games. We will also sprinkle in mini units that may include, but are not limited to, bowling and whiffle ball. Each class will

begin with a cardiovascular and flexibility warm-up followed by the activity.
Grade 9, 10, 11, 12

INDOOR RACQUET SPORTS II

Tri II

This course is designed for the more advanced student in the area of racquet skills. This course is divided into three units: badminton, pickle ball and ping-pong. Each unit is covered in three ways: introduction and fundamentals, practice and procedure and game or activity performance with an emphasis on playing games. We will also sprinkle in mini units that may include, but are not limited to, bowling and whiffle ball. Each class will begin with a cardiovascular and flexibility warm-up followed by the activity. Please review the prerequisites prior to registration.

Prerequisites: Instructor's permission

Grade 9, 10, 11, 12

OUTDOOR EDUCATION

Tri I or Tri II or Tri III

Outdoor Education will bridge multiple intelligences by combining practical science knowledge with a diversity of experiences to help students understand themselves and their environment better. Students will use "real experiences" to help them understand their natural surroundings and ways to enjoy them. This class will include on-the-water sports, shooting sports, and adventure challenges and the applicable science concepts that goes with them.

In addition to meeting for one class period each day, students are required to participate in 40 hours of Active Learning outside of school.

Students will receive 2 trimester credits: 1 Physical Education credit and 1 Science credit

Grade 9, 10, 11, 12

RACQUET SPORTS I

Tri I or Tri III

The course will be divided into three different units: tennis, badminton and pickle ball. Each activity will be covered in three ways: introduction, fundamentals and games. Throughout the trimester cardiovascular fitness will be developed through running and other special activities.

Grade 9, 10, 11, 12

RACQUET SPORTS II

Tri I or Tri III

The course will be divided into three different units: tennis, badminton and pickle ball. Each activity will be covered in three ways: introduction, fundamentals and games. Throughout the trimester cardiovascular fitness will be developed through running and other special activities.

Prerequisites: Instructor's permission

Grade 9, 10, 11, 12

SENIOR HEALTH AND WELLNESS

Tri I or Tri II or Tri III

This course designed specifically for grade 12 students, will address all aspects of health and wellness including: physical, mental, emotional, social and spiritual. Activities will include, but are not limited to: fitness center workouts, fun indoor and outdoor games, introduction to lifetime sports, aerobics, prayer and meditation, humor and laughter, stress management activities, music and all things deemed necessary to lead a well balanced, peaceful life. One day each week will be set aside for mature discussions on topics of the students' choosing.

Grade: 12

STRENGTH AND ACTIVITIES COMBINATION

Tri I or Tri II or Tri III

We are offering students the opportunity to utilize our multi purpose Fitness Center as well as be involved in weekly activities sessions in one class. The activity sessions will involve several mini units to encourage the students' lifetime sports development. These units will include but are not limited to: volleyball, basketball, soccer, floor hockey, ultimate frisbee and razzle dazzle football 2 days per week. In addition to these activities units, the students will take part in a detailed orientation of our Fitness Center that leads to a regular schedule of 3 days per week dedicated to strength development. We encourage those students that are seeking an environment dedicated to the development of lifetime wellness, strength development and competitive team building activities to sign up for this course.

Grade 9, 10, 11, 12

STRENGTH AND CONDITIONING - I

Tri I or Tri II or Tri III

This course introduces the benefits of strength and conditioning training. The students will take part in a full and complete orientation/introduction of the CDH Strength and Fitness Center that includes an explanation of exercises for a full body workout as well as safety and organizational tips to assist the students in their development. Students will be given programs to follow or assisted in developing individualized weekly schedules that covers the basic expectations of the

course. Each student will have clearly defined expectations in the areas of strength, cardiovascular and core and abdominal development with the additional expectation of tracking all of their workouts in writing throughout the trimester. Each 5 day program will be designed with the students prioritized individual needs in mind. In this course, the student will be using the Fitness Center five days a week.

Grade 9, 10, 11, 12

STRENGTH AND CONDITIONING - II

Tri I or Tri II or Tri III

This course is designed for the most seriously committed students in the area of strength and conditioning development. Students must take Strength and Conditioning - I - Intro and have teacher permission to take this course. The students will take part in a brief review and reminders orientation/introduction of the CDH Fitness Center to ensure that safety and proper technique is used in the room at all times. Students will be given programs to follow or assisted in developing individualized weekly schedules that covers the basic expectations of the course. Each student will have clearly defined expectations in the areas of strength, cardiovascular and core and abdominal development with the additional expectation of tracking all of their workouts in writing throughout the trimester. Each 5-day program will be designed with the students prioritized individual needs in mind.

Prerequisites: Strength and Conditioning - I and instructor's permission

Grade 9, 10, 11, 12

STUDIES IN HUMAN PERFORMANCE

Tri II or Tri III

Studies in human performance takes the knowledge gained from the strength and conditioning and health classes a step further. This class is designed to be a bridge between health, biology, physiology, anatomy, and strength and conditioning. Knowledge will be gained through lab activities, lectures, training and discussions. The focus of this course will be to understand our bodies better.

Prerequisites: Strength and Conditioning, Strength and Activities or instructor's permission

Grades 10, 11, 12

WOMEN'S FITNESS CLASS

Tri I or Tri II or Tri III

(8th hour only)

This course is designed to meet the needs of our female students who would like to work out at the end of the day. This course also helps build self-esteem and positive self-image. Activities will include but not be limited to, fitness center workouts, games, aerobic workouts, exercise balls and, weather permitting, some outside activities. Classroom instruction will also occur.

Grades 10, 11, 12

YOGA

Tri I or Tri II or Tri III

Yoga will give students the opportunity to practice yoga postures, breathing exercises and meditation. Yoga will help students become healthier in body, mind and spirit. This course will focus on improving muscle tone, flexibility, strength, balance and endurance. Students will also focus on reducing stress, quieting the mind and increasing self-esteem through Yoga.

Grades 9, 10, 11, 12

The Religion Department supports and challenges students in their knowledge, understanding, and appreciation of the Christian message through the study of Catholic thought and values. Through the instruction and the experience of faith and the encouragement of Christian service, students are invited to develop a maturing belief/faith system, to practice Christian decision-making, to create community based on Christian principles, and Catholic social teaching and to experience Christian ministry.

Requirement - Grade 9

Values Symposium (year long)

VALUES SYMPOSIUM – Religion

Grade 9 students are pre-registered for this course.

This ninth grade interdisciplinary course provides all students with a common academic and affective experience as they begin their secondary school education. Based expressly on the CDH values of academics, service, leadership, Catholicity, community, equity, and diversity, this year long course is team taught through the religion, English and social studies departments, and is supported by technology integration. It is our goal that students will learn more effectively by connecting traditionally separate subjects, providing a more natural educational process in preparation for life-long learning. Important aspects of this course include the building of relationships among the students and between students and their teachers, developing critical thinking and communication skills and encouraging informed citizenship and active participation in the CDH community.

Grade 9

Requirement - Grade 10:

Scripture (tri 1), Jesus of History, Christ of Faith (tri 2), and Church (tri 3)

SCRIPTURE: the Word of God in Human Words

Tri I

Students will explore the Hebrew Scripture, focusing on the meaning of biblical literature. Students will study how scripture was composed. They will consider how those who wrote the Scripture thought, found meaning, and communicated divine inspiration. Critical study of Scripture in the tradition of Catholic scholars will be emphasized as well as the intimate link between the Hebrew and Christian Scriptures. Students will be encouraged to encounter the living God through these sacred texts and apply them to their daily life.

Grade 10

JESUS OF HISTORY, CHRIST OF FAITH

Tri II

An exploration of the main images of Jesus that Christians have constructed throughout the centuries attempting to answer the question: "Who do you say that I am?" Emphasis on the Jesus of history, Gospel christologies, Christian dogma, and contemporary thought. Students are invited to examine the presence of Jesus in their lives today.

Grade 10

CHURCH: The Community of Jesus

Tri III

The Roman Catholic Church in its origins, development, living traditions and its impact on the world, students will see how the church changes over time in practice while staying the same in its witness to Christ.

Grade 10

Requirement - Grade 11:

Faith and Ethics (Part 1 and Part 2) and one Elective (tri 3)

FAITH AND ETHICS - Part 1

Tri I

FAITH AND ETHICS - Part 2

Tri II

This course is an exploration of the nature of faith, virtue, prayer and Christian freedom. Students will examine Christian morality and ethics and practice ethical decision-making as it applies to their lives.

Grade 11

Trimester Electives

CHRISTIAN CONTROVERSIES THROUGHOUT THE AGES Tri III

This course offers students a historical survey of a number of controversial issues that have faced the Christian community, and explores how the historical treatment of these issues provides guidance for our own questions today. Students who wish to take this course must have a strong interest in theology and history, and be able to draw on information received from previous courses taken in the Religion Department.

Grade 11, 12

LIVING WITH LOSS Tri III

This course offers the students the opportunity to explore and discuss the many types of losses people face during their lifetimes. Topics include: the American view of death, the end of friendship or marriage relationships, handicaps, terminal illness, the Christian spirituality of death, and personal ways to handle grief.

Grades 11, 12

MEN'S SPIRITUALITY Tri III

This elective course is open to all male students who are interested in asking the question, "What does it mean to be a spiritually and emotionally healthy man in today's society?" It will introduce young men to some of the rich masculine spiritual metaphors, symbols, lessons, and stories from the Christian tradition as well as from a variety of other cultures and religions. Through readings, prayer experiences, guest speakers and the sharing of own stories, we will be inspired to explore important male virtues and be empowered to seek and be sought by God in new ways.

Grades 11, 12

PRAYER AND SPIRITUALITY Tri III

Prayer and worship are at the heart of the Christian life-style. This course is designed to offer the student a forum for this experience. Each day will be an opportunity to explore one's faith by looking at various forms and styles of prayer and worship. Small and large group discussions will enable the student to learn from others about prayer styles different from their own. Ultimately, this course will challenge the student to discover a deeper reality of God in his/her life. Liturgical and non-liturgical forms of prayer will be experienced.

Students will be required to attend and participate in an overnight retreat. Approximate cost: \$150.00.

Financial assistance is available to students who cannot otherwise afford to attend the retreat.

Grade 11, 12

WOMEN'S SPIRITUALITY Tri III

This course is open to all women who are interested in studying spirituality from a feminine perspective. Students will study contemporary women theologians as well as issues facing women in the 21st century. This course will also explore different styles of prayer, mediation, rituals and stories from a variety of cultures and religions.

Grades 11, 12

WORLD RELIGIONS Tri III

Students will study the major non-Christian religious systems. Included are: Hinduism, Buddhism, Islam, Judaism, Confucianism, and Taoism. The study includes both the major components of each religion, and the culture out of which each one emerged.

Grades 11, 12

Requirement - Grade 12:

Micah 6:8 (year long) OR

Micah 6:8 - Honors (year long) OR

Philosophy/Theology - Honors (tri 1 & 2) and Social Justice - Honors (tri 3) OR

Senior Seminar Religion OR

Senior Interdisciplinary Symposium - (Spectrum - ICL) - Honors (year long)

MICAH 6:8 Year long

Micah 6:8 will engage students in a conscious, deliberate effort to understand, experience and integrate the central roles of Ritual and Liturgy, Prayer and Retreat, Social Justice and Vocation, into their lives as Catholic Christians - both as a CDH student and beyond. Students have direct, extensive involvement in the work of Campus Ministry in the develop-

ing, planning and leading of school Masses, Prayer Services, Retreats and Service and Justice experiences. Ten hours of service outside of the CDH school day will be required each trimester.

Students are required to attend and participate in an overnight retreat. Approximate cost: \$150.00. Financial assistance is available to students who cannot otherwise afford to attend the retreat.

Requires instructor permission. Applications are found in the Guidance Office.

Grade 12

MICAH 6:8 - Honors

Year long

Micah 6:8 will engage students in a conscious, deliberate effort to understand, experience and integrate the central roles of Ritual and Liturgy, Prayer and Retreat, Social Justice and Vocation, into their lives as Catholic Christians - both as a CDH student and beyond. Students have direct, extensive involvement in the work of Campus Ministry in the developing, planning and leading of school Masses, Prayer Services, Retreats and Service and Justice experiences. Honors credit requirement: students will be required to have direct involvement in their local faith community/parish, plan and lead special prayer and retreat experiences, and present a project each trimester based on topics relevant to that trimester's work, specifically including research, writing and presentation.

Ten hours of service outside of the CDH school day will be required each trimester.

Students are required to attend and participate in an overnight retreat. Approximate cost: \$150.00. Financial assistance is available to students who cannot otherwise afford to attend the retreat.

Requires instructor permission. Applications are found in the Guidance Office.

Grade 12

PHILOSOPHY/THEOLOGY - HONORS

Tri I and Tri II

This course introduces students to some of the most influential philosophical and theological ideas of Western Civilization. We will examine questions of life's meaning, God's existence, the nature of art, faith, freedom and identity, as we gain an appreciation for the depth and profound nature of the central beliefs of the Christian Church.

Students are required to attend and participate in an overnight retreat. Approximate cost: \$100.00. Financial assistance is available to students who cannot otherwise afford to attend the retreat.

Grade 12

SOCIAL JUSTICE - Honors

Tri III

Justice in Thought and Deed: This will be a study of the interplay between philosophical and theological reflection and social justice issues. Students will study classical and contemporary definitions of good, evil, justice, and the just society. They will analyze and evaluate specific local and global social justice problems, and learn the stories of individuals whose philosophies and theologies have led to profound commitments to live and die for justice. There will also be a service component to this trimester in which students will experience the connection between theory and practice by going into the community to work with people who are marginalized and economically disadvantaged.

Grade 12

SENIOR SEMINAR RELIGION

Year long

This religion course will challenge students to think critically about issues that are vital to their future and the future of the world. This class will integrate the 7 Values of CDH into the students experiences and in their future vocations. Particular focus will be on Catholic social teaching, prayer and spirituality, sexuality, gender, race and class. These topics will be explored through the lens of Catholic teaching, the 7 Values of CDH and service opportunities. There will be an emphasis on reading and writing, as well as an opportunity to give back to the community in service to others. As part of this course, students will be involved in service. Through their service commitments, students will be invited to process their experiences through discussions, presentation and written reflection.

This course will be paired with a section of the English 12 course to allow for the time needed for service on Thursdays.

Students will be encouraged to attend and participate in an overnight retreat. Approximate cost: \$70.00.

Financial assistance is available to students who cannot otherwise afford to attend the retreat.

Grade 12

SENIOR INTERDISCIPLINARY SYMPOSIUM - Honors

Year long

Senior Interdisciplinary Symposium (Institute for Catholic Leadership) is an interdisciplinary course that fulfills the 12th grade requirements for credit in English, social studies and religion. The course admits approximately forty-five students per section, is taught by three teachers (one from each discipline) and meets for two consecutive class periods.

The three disciplines in the course are integrated in two primary ways. First the course focuses upon themes that are common to the three subject areas. The values of Catholic Social Teaching underlie the selection of literature and guide the approach to each topic. Second, the disciplines are integrated through an emphasis on developing skills: reading, writing, critical thinking and discussion.

ICL has a focus on service-learning and leadership. When a student registers for ICL, he/she agrees to do a year of service at one of the program's designated sites.

Registration for ICL requires a 3.5 cumulative GPA in English, religion and social studies, or recommendation of teachers in these three subjects.

Students will be encouraged to attend and participate in an overnight retreat. Approximate cost: \$65.00. Financial assistance is available to students who cannot otherwise afford to attend the retreat.

St. Mary's University has approved ICL as part of its Program for Advanced College Credit (PACC). Twelfth graders who take ICL and maintain a "C" average in this class may earn three college credits from St. Mary's which are transferable to approximately sixty other colleges and universities.

St. Mary's University will give credit for Readings in Literature OR Senior Interdisciplinary Symposium, not both.
Grade 12

The Science Department of Cretin-Derham Hall provides science offerings for students of all ability levels. There is a three year requirement for graduation. This requirement may be met by a variety of combinations that fit individual student abilities and needs

Students are encouraged to get a broad background across the various fields of science before specializing in one area. Students who apply to college must be aware that many colleges require three years of science, including one physical and one biological science. The most common sequence recommended for college bound students is Physical Science (9), Biology (10), Chemistry (11), and Physics (12).

When different levels of courses are offered, the department will assist students in finding the program which best fits their abilities and goals.

Accelerated Science Program

Accelerated science is a four-year program designed for students who have a strong interest in preparing for a career in science, engineering, computer science or a related field. The sequence of courses is:

Grade 9 - Biology-Honors

Grade 10 - Chemistry Honors or AP Chemistry

Grade 11 - AP Biology, AP Environmental Science or CIS Anatomy/Physiology

Grade 12 - AP Physics or Physics Honors

Students in grades 10, 11 or 12 may obtain college credit.

Selected students will be invited to test for the Accelerated Science Program in April. Invitations to join the Accelerated Science Program will be offered to approximately twenty-four selected students in early May.

All students in accelerated science are required to participate in an intensive twenty-hour summer session before 9th grade and 10th grade.

Students are expected to maintain a "B" average in their science classes in order to advance in the program. A strong math background is essential, therefore students must be in honors math, or an "A" student in advanced math.

Requirement - Grade 9: Physical Science

This course is offered at the college prep level and also at advanced and honor levels. The levels differ in mathematical depth and the rate at which material will be covered. At each level, students will be encouraged to build skills, which will provide a foundation for understanding how science and technology affect everyday life and will be readied to continue their study of the sciences.

PHYSICAL SCIENCE

Year long

The physical science program focuses on lab skills: use of lab equipment, obtaining data in the lab, organizing tables, graphs, histograms, an understanding of error and uncertainty in measurement, the powers and limitations of models in science and the relationship between problem solving and physical situations. Content will come from the areas of chemistry and physics and an understanding and appreciation of the physical world will be cultivated.

Grade 9

PHYSICAL SCIENCE - Advanced

Year long

Students will be expected to set up mathematical relationships from data obtained in lab and discuss how various types of experimental errors will affect the calculated results. Principles of Chemistry will be covered two-thirds of the year and Principles of Physics the other one-third. Students are expected to be able to read for content and comprehension. The students will be expected to develop a high level of independence in setting up data and coming to conclusions using outside projects and reports.

Grade 9

PHYSICAL SCIENCE – Honors

Year long

This course is designed for college bound/science oriented students and will include detailed lab work, class discussion, outside reading and projects. This course will move at a vigorous pace and focus on Newtonian/Classical Mechanics (first half of the year) and Principles of Chemistry (second half of the year). Students are expected to have a high aptitude in mathematics.

Grade 9

Biology

Biology stresses the development of investigative skills using the “inquiry” approach. In covering cell biology, diversity among living things, comparative anatomy and physiology, genetics and ecology, students learn to form hypotheses, collect data and analyze results.

BIOLOGY - The Living Science

Year long

This class will teach a wide breadth of topics and labs, with some depth and a more qualitative vs. quantitative analysis. Students will investigate the major kingdoms of life, cells, genetics and ecology. This is a college preparatory class.
Grades 10, 11

BIOLOGY - Principles and Explorations - Advanced

Year long

This class will take the topics discussed in Biology: the Living Science and apply the use of quantitative data collecting techniques, along with more detailed lab procedures. Some of the topics that will be discussed include the kingdoms of life, cells, genetics and ecology. Students are expected to be able to read for content and comprehension.
Grades 10, 11

BIOLOGY - Honors

Year long

This class is designed for college bound/science-oriented students and will include detailed lab work, class discussion, outside reading and projects. Biology-Honors is different from “Biology: The Living Science” and “Biology: Principles and Explorations” in the following ways: amount of detail, outside class work and speed/depth at which topics are learned.

Ninth grade students in the accelerated science program take this course. These students will be invited and tested for this class. Register for Physical Science - Honors. All students in accelerated science are required to participate in an intensive twenty-hour summer session.

Grades 10, 11 (9, by invitation only)

ADVANCED PLACEMENT BIOLOGY - Honors

Year long

This course is a second year biology course and is designed to be the equivalent of a college introductory biology course. After showing themselves to be qualified on the AP Examination, some students, as college freshmen, are permitted to undertake upper-level biology courses. This AP course is divided into three main categories: Molecules and Cells; Heredity and Evolution; and Organisms and Populations. Due to the difficult labs and large amount of material on the exam, summer work and extra sessions will take place throughout the school year.

Prerequisites: Biology - Honors (or Mr. Steineman’s permission)

AP Chemistry or Honors Chemistry - may be taken concurrently

Grades 11, 12

ENVIRONMENTAL SCIENCE - Advanced

Year long

This upper-level environmental science class will study such topics as ecology, pollution, earth’s resources, geology, populations, agriculture and organic gardening, while learning real-world techniques of reducing our negative effect on the environment. Some outside field trips are required, and a weekend-long field trip to an environmental learning center is strongly encouraged. Students take this course for Advanced credit. Approximate cost of field trip: \$140.00

Prerequisite: Biology

Grades 11, 12

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE - Honors

Year long

This year long course is designed to be the equivalent of a college environmental science course. After showing themselves to be qualified on the AP Examination, some students can receive college credit. In this course, ecological principles, population studies, geology, pollution studies, earth’s resources, environmental policy, land management issues and environmental justice are part of what is studied. Some outdoor and Saturday field trips are required, as well as summer reading.

Students are strongly encouraged to participate in a weekend class trip to an environmental learning center in Minnesota. Approximate cost: \$140.00.

Prerequisite: Biology or Chemistry (Chemistry may be taken concurrently)

Grades 11, 12

HUMAN ANATOMY AND PHYSIOLOGY – Advanced

Year long

In this year long course students will focus on the human body. Through lab work, lectures, readings and discussions, students will consider the structure and function of human body systems. Students will investigate the tissues, organs and organ systems of the human body - skeletal, muscular, digestive, circulatory, respiratory, excretory, nervous, endocrine and reproductive. In addition to the normal functions, students will consider diseases or problems related to these systems.

Prerequisite: Biology

Grades 10, 11, 12

HUMAN ANATOMY AND PHYSIOLOGY–

U of MN College in Schools Program (CIS) - Honors

Year long

In this year long course students will examine specific topics in human anatomy and physiology, such as fitness and disease and body systems such as the respiratory, muscular, and cardiovascular systems. Students engage in a wide range of learning, problem solving and analysis, anatomical model building and inquiry-based activities.

This course will fulfill one freshman-level college semester in anatomy and physiology. Students taking this course will be required to attend two lecture activities off campus.

Upon completion of the course and earning a C or higher, the U of MN will award 4 credits of "Science with a lab." This will be on official transcripts and will be honored at over 90% of universities in the United States.

The U of MN strongly encourages an average of B- or higher in Chemistry (any level) as the prerequisite.

CDH students may take any level Chemistry concurrently with this course.

Prerequisite: Biology-Advanced or Biology-Honors

Grades 11, 12

Chemistry

Chemistry involves a study of the structures of molecules, the reactions they undergo and the forces, which drive these reactions. Emphasis will be given to the development of qualitative and quantitative methods in both lectures and labs. Students who plan to go on into any medical or science-related field need Chemistry. It is part of the normal college-preparatory sequence. Some colleges (including the University of Minnesota) require it as a prerequisite for the introductory college course.

CHEMISTRY IN THE COMMUNITY

Year long

Chemistry in the Community is a course that is designed to explore the real-life applications of chemistry in every day life. It is a "hands-on" course structured around real-life scenarios. Students will study topics such as: scientific communities, water, petroleum, etc., with an emphasis on real-life skills and applications. Students taking this course can expect to complete performance based assessments such as: mock trials, designing original solutions to problems and creating original works that incorporate the chemistry principle learned in class. Participation in class discussions, working with others in a group, participation in laboratory activities and learning how to use research tools are key components of this course.

Prerequisite: Algebra 1

Grades 11, 12

CHEMISTRY – Advanced

Year long

This college preparatory course stresses both the qualitative and quantitative aspects of chemistry. Students will examine chemical principles in lab and discuss both theoretical and practical applications of these principles.

Requisite: Students in this course must be taking Alg2Trig concurrently

Grades 11, 12

CHEMISTRY – Honors

Year long

This course covers the content of regular chemistry but at a faster pace and at greater depth. Some additional topics, including some organic chemistry, will be introduced. Students in the honors level course should be capable of getting at least a B in a college prep or honors sequence math program.

St. Mary's University has approved Chemistry - Honors as part of its Program for Advanced College Credit (PACC). Students who take Chemistry - Honors and maintain a "C" average in this class may earn from St. Mary's four college credits. These credits are transferable to approximately sixty other colleges and universities.

Requisite: Students in this course must be taking Alg2Trig - Advanced or Alg2Trig - Honors level math concurrently

Grade 10 by department recommendation. These students are required to participate in an intensive twenty-hour summer session.

Grades 11, 12

ADVANCED PLACEMENT CHEMISTRY

Year long

AP Chemistry is a first year chemistry course designed to cover the topics introduced in a first year college Chemistry course. A college level textbook is used, chemical calculations are more involved and laboratory work is of a greater variety. The course seeks to enable students to succeed in a first year college chemistry course or to have the opportunity to take other science courses where a first year course is a prerequisite. Due to the amount of material on the AP exam, students will be required to do chemistry work in the summer. This work will be done on-line through the University of Texas and Moodle. Help sessions will be offered throughout the summer.

Prerequisite: Honors Physical Science or Accelerated Science.

Requisite: Students in this course must be taking Analysis-Honors or Analysis-Advanced OR have instructor's approval.

Grade 10 by department recommendation. These students are required to participate in an intensive twenty-hour summer session.

Grades 11, 12

Physics

Physics is the study of motion, forces, work, energy, electricity and magnetism, optics and sound. Physics is fundamental to the other sciences and is useful in understanding many everyday situations. Problem solving is emphasized, not the memorization of scientific facts and formulas. Completion of Chemistry is recommended and students should have a working knowledge of algebra, geometry, and trigonometry.

PHYSICS – Advanced

Year long

This course will emphasize both conceptual and mathematical understanding of the Physics topics that are listed above. Practical applications will be made in all topics. Concurrent enrollment in a math class is recommended. The completion of Chemistry is also recommended.

St. Mary's University has approved Physics - Advanced as part of its Program for Advanced College Credit (PACC). 11th and 12th grade students who take Physics - Advanced and maintain a "C" average in this class may earn from St. Mary's three college credits. These credits are transferable to approximately sixty other colleges and universities.

The college credits for this class can be used to meet a science requirement at most colleges, but will not be accepted for students who plan to continue in a scientific program of study. Students who are interested in a scientific career and want college credit should enroll in AP Physics.

Grade 11, 12

PHYSICS – Honors

Year long

This course covers the topics listed above, and some others. It moves at a college pace, and the depth is that of a college course for non-majors in a scientific or engineering field.

St. Mary's University has approved Physics - Honors as part of its Program for Advanced College Credit (PACC). 11th and 12th grade students who take Physics - Honors and maintain a "C" average in this class may earn from St. Mary's three college credits. These credits are transferable to many other colleges and universities.

The college credits for this class can be used to meet a science requirement at most colleges, but will not be accepted for students who plan to continue in a scientific program of study. Students who are interested in a scientific career and want college credit should enroll in AP Physics.

Students not seeking the St. Mary's credit will be well prepared for college physics. Strong math skills are essential for success in this course. Concurrent enrollment in a math class is required, with calculus suggested as the most beneficial.

Chemistry recommended

Grade 11, 12

ADVANCED PLACEMENT PHYSICS - Honors

Tri I

This is a course in introductory physics intended for students who plan on majoring in science or engineering in college, or those who seek to challenge themselves at a very high level. The mathematical background required of the student is completion of or concurrent enrollment in introductory calculus. (There can be no exception to this requirement.) Completion of Honors Chemistry is strongly recommended.

The main objectives of the course are: to provide the student with a clear understanding of the concepts and principles of physics; to strengthen this understanding through real-world application of these concepts; to demonstrate the role of physics in other disciplines; to prepare for the Physics C examination, the passing of which results in college credit at participating colleges and universities.

The course can be divided into two categories: Newtonian mechanics (first half year) and Electricity and Magnetism (second half year). Each half-year is equivalent to a semester of college calculus level physics. The student will be eligible to take the AP exam for one or both of the topics, and credit for each semester is awarded individually.

Co-requisites: Calculus must be taken concurrently.

Summer requirement: Pre AP physics, which meets entirely on-line during the summer. Moodle is used for discussions, and problems are done on-line through the University of Texas. No summer attendance at school is required, although optional help sessions will be offered.

Credit will be awarded only after completion of AP Physics.

Grade 12

Trimester Electives

ASTRONOMY: SOLAR SYSTEM AND THE VAGABONDS - College Prep or Advanced Tri I

This is a one trimester course is offered at the advanced level, but if requested, can be modified for college prep credit. Students may take one, two or all three of these astronomy courses. The solar system includes studying the planets and moons as well as the vagabond asteroids and comets. This course is available for advanced credit. See Ms. Aumann if you have any questions.

Grades 11, 12

ASTRONOMY: STARS AND CONSTELLATIONS - College Prep or Advanced Tri II

This is a one trimester course is offered at the advanced level, but if requested, can be modified for college prep credit. Students may take one, two or all three of these astronomy courses. In this course we will study the constellations and their mythology, the Sun, the life-cycle of stars, and electromagnetic radiation. This course is also available for advanced credit. See Ms. Aumann if you have questions.

Grades 11, 12

ASTRONOMY: DEEP SPACE AND BEYOND - College Prep or Advanced Tri III

This is a one trimester course is offered at the advanced level, but if requested, can be modified for college prep credit. Students may take one, two or all three of these astronomy courses. This course will study the Milky Way and other galaxies, quasars, energy sources, cosmology, space-time, the Big Bang, black holes, and the search for extraterrestrials. This course is available for advanced credit. See Ms. Aumann if you have any questions.

Grades 11, 12

DNA, FORENSICS & GENETICS - College Prep or Advanced Tri II

This is primarily a lab course. Students learn sterile technique, plant tissue culture, DNA extraction, colony transformation, culturing and staining of bacteria as well as oral and airborne bacteria, in foods, antibiotics and bactericides and the development of resistant strains.

Advanced credit is available to students who complete an additional project. This advanced option must be declared officially by the tenth day of trimester 2 and the option may not be changed after this deadline.

Prerequisite: Biology

Grades 11, 12

EARTH AND ATMOSPHERIC SCIENCE

Tri I

This one trimester course focuses on geologic and atmospheric topics. Topics include: Plate Tectonic theory, the rock cycle, global climate and predicting weather. The course will also include a social justice piece applying the science to personal choices as it impacts the earth and atmosphere.

Grades 10, 11, 12

OUTDOOR EDUCATION

Tri I or Tri II or Tri III

Outdoor Education will bridge multiple intelligences by combining practical science knowledge with a diversity of experiences to help students understand themselves and their environment better. Students will use "real experiences" to help them understand their natural surroundings and ways to enjoy them. This class will include on-the-water sports, shooting sports, and adventure challenges and the applicable science concepts that goes with them.

In addition to meeting for one class period each day, students are required to participate in 40 hours of Active Learning outside of school.

Students will receive 2 trimester credits: 1 Physical Education credit and 1 Science credit

Grade 9, 10, 11, 12

GENERAL ROBOTICS

Tri I and/or Tri III

General robotics provides students with an opportunity to learn the principles of engineering and invention through a largely project based, after school class. This course overviews electricity, wiring, electronic devices, motors and actuators and computer programming as it applies to robots; no experience in any of these fields is necessary. Once students have a foundation in these areas, they will employ their understanding to automate an existing device. There is a one-time materials fee of \$50.00. Financial assistance is available as need exists. This course is repeatable, but students need only purchase the supplies once.

This class meets outside the normal school hours - after school and on weekends.

Grades 10, 11, 12 (Trimesters 1 and/or 3)

FIRST ROBOTICS TEAM MEMBERSHIP

Tri II

The second trimester of Robotics focuses on allowing students to use their knowledge and skills to help the CDH robotics team in their FIRST robotics competition. Each student will work with a robotics teacher to determine an individual curriculum including a set of benchmarks. Although this class meets during the second trimester, students should establish membership in one of the six departments that comprise the CDH robotics team during their first trimester.

This class meets outside the normal school hours - after school and on weekends.

Grades 9, 10, 11, 12

ZOOLOGY - Advanced or Honors

Tri III

Components of this course include: characteristics, classification, life cycles, adaptations, evolution and natural history of fish, amphibians, reptiles, birds and mammals. This course includes student presentations, reports and dissection. Honors credit available with project and instructor's permission.

Honors credit is available to students who complete additional coursework. This honors option must be declared officially by the tenth day of trimester 3 and the option may not be changed after this deadline.

Prerequisite: Biology

Grades 11, 12

Social Studies Department

The Social Studies Department seeks to prepare students to be responsible and effective citizens in our ever-changing interdependent world. To prepare students to play a dynamic role in their local and global communities, our department strives to develop students who possess disciplinary knowledge and skills, and a respect for multiple perspectives. The overall goal is to help develop a just and humane society, reflective of our Cretin-Derham Hall values.

PLEASE NOTE: To qualify for an Advanced Placement social studies course, a 3.5 social studies GPA or higher is strongly recommended.

SOCIAL STUDIES REQUIREMENT FOR GRADE 9:

Grade 9: Values Symposium-Social Studies and one Area Studies elective

SOCIAL STUDIES REQUIREMENT FOR GRADE 10:

Grade 10: 3 trimesters of U.S. History or AP U.S. History

SOCIAL STUDIES REQUIREMENT WITHIN GRADES 11 and 12:

Economics or Economics-honors (Grade 11 or 12) and

US Government (Grade 12) and

2 Social Studies electives (Grade 11 or 12)

OR

Economics or Economics-honors (Grade 11 or 12) and

AP US Government (Grade 11 or 12) and

1 Social Studies elective (Grade 11 or 12)

OR

SrIntSymposium-honors - Spectrum - ICL (Grade 12, fulfills 2 social studies credits) and

Economics or Economics-honors (Grade 11 or 12) and

US Government (Grade 12) or AP US Government (Grade 11 or 12)

Requirement: Grade 9

Values Symposium (year long) and one Area Studies elective

VALUES SYMPOSIUM – Social Studies

Grade 9 students are pre-registered for this course.

This ninth grade interdisciplinary course is intended to provide all students with a common academic and affective experience as they begin their secondary school education. Based expressly on the CDH values of academics, service, leadership, Catholicity, community, equity, and diversity, this year long course is team taught through the religion, English and social studies departments, and is supported by technology integration. It is our goal that students will learn more effectively by connecting traditionally separate subjects, providing a more natural educational process in preparation for life-long learning. Important aspects of this course include the building of relationships among the students and between students and their teachers, developing critical thinking and communication skills and encouraging informed citizenship and active participation in the CDH community.

Grade 9

Area Studies Electives: Grade 9,

One area studies elective must be taken in addition to the required Grade 9 Values Symposium course.

Trimester 1

HUMAN GEOGRAPHY

Tri I

In this course, students will learn about basic geographic ideas, concepts and themes. They will study how geography influences the culture and economy of modern nations. How and why humans live the way they do will be explained from a number of different viewpoints. Crucial global issues will be dealt with from a geographic perspective. This course is for students of all ability levels.

Grade 9

LATIN AMERICA

Tri I

Students will study the geography, history, culture and current conditions of Latin America. This course is for students of all ability levels.
Grade 9

Trimester 2

AFRICA

Tri II

Students will study the geography, history, culture and current conditions of Africa. This course is for students of all ability levels.
Grade 9

EAST ASIA

Tri II

Students will study the geography, history, culture and current conditions of China, Japan and the Koreas. This course is for students of all ability levels.
Grade 9

Trimester 3

MIDDLE EAST

Tri III

Students will study the geography, history, culture and current conditions of the Middle East . This course is for students of all ability levels.
Grade 9

RUSSIA AND THE COMMONWEALTH STATES

Tri III

Students will study the geography, history, culture and current conditions of Russia. The course also looks at the emerging democracies in Eastern Europe and Central Asia. This course is for students of all ability levels.
Grade 9

Requirement - Grade 10: Choose one sequence

All 10th grade students are required to take U.S. History (year long) or AP U.S. History.

UNITED STATES HISTORY

Year long

U.S. History will emphasize the importance of political history as well as the role diverse groups have played in the development of American society. The period of colonial history, the revolution and constitution; the growth of democratic principles under Andrew Jackson; the Civil War; the relationship of "big business" and government during the last part of the 1800's; political changes brought by the depression, two world wars, and the nuclear age will be covered in this course.
Grade 10

ADVANCED PLACEMENT UNITED STATES HISTORY

Year long

PLEASE NOTE: A social studies GPA of 3.5 or higher is strongly recommended for Advanced Placement U. S. History, as well as a strong interest in learning history.

Advanced Placement United States History is a year long chronological study of US History. This course will teach students factual knowledge. Students will also demonstrate the skills of analysis, synthesis and evaluation. The demands of this course are equivalent to those of a full-year introductory college course. Students will read numerous primary source documents as well as a college level textbook. In addition, students will complete extensive writing assignments and essay exams. Due to the scope and depth of this course, students will be required to complete summer reading assignments and homework.

"The AP program in United States History is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with problems and materials in United States history. This program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those of full-year introductory college courses. Students will learn to assess historical materials - their relevance to a given interpretive

problem, their reliability, and their importance - and to weigh the evidence and interpretations presented in historical scholarship. This course will develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format." (AP College Board)
Grade 10

SOCIAL STUDIES CREDITS ARE REQUIRED WITHIN GRADES 11 AND 12 INCLUDING:

Economics or Economics-honors (Grade 11 or 12) and
US Government (Grade 12) and
2 Social Studies electives (Grade 11 or 12)
OR
Economics or Economics-honors (Grade 11 or 12) and
AP US Government (Grade 11 or 12) and
1 Social Studies elective (Grade 11 or 12)
OR
SrlntSymposium-honors - Spectrum - ICL (Grade 12, fulfills 2 social studies credits) and
Economics or Economics-honors (Grade 11 or 12) and
US Government (Grade 12) or AP US Government (Grade 11 or 12)

UNITED STATES GOVERNMENT

Tri I

Local, state, and federal government will be covered in this one trimester course. The history and roll of political parties as well as the importance of the media will be addresses. Students will observe local and state government in operation. Current political current events will be stressed..
Grade 12

ADVANCED PLACEMENT U.S. GOVERNMENT - Honors

Tri II and Tri III

PLEASE NOTE: A social studies GPA of 3.5 or higher is strongly recommended for Advanced Placement U. S. Government, as well as a strong interest in learning about government

Advanced Placement U.S. Government is a two trimester course open to 11th and 12th grade students. 11th graders would take this course to fulfill their U.S. Government requirement. 12th graders may take this course to fulfill two of their three trimester social studies requirements.

Advanced Placement U.S. Government will cover the development of our political system and how it functions today. The three branches of government will be stressed. The process of creating public policy and the implementation of that policy will be examined. Students who take this course will be expected to do extensive readings and have good writing skills. Advanced Placement U.S. Government will prepare students to take the Advanced Placement exam in the spring. Many colleges and universities will give credit and /or advanced placement to students who do well on the exam.

Grades 11, 12

ECONOMICS

Tri I or Tri II or Tri III

This one-trimester course is designed to give the students an understanding of basic economic theory and its application to both the American economic system and economic realities throughout the world. Special emphasis is placed on poverty and distribution of resources within our nation. The bishops' pastoral on the American economy and other current resources are utilized.

Grades 11, 12

ECONOMICS - Honors

Tri I or Tri III

In this course, after an introduction to basic economic concepts, students are guided in a critical analysis of selected eco-

conomic topics. Through readings, research, and discussion they develop some expertise in interpreting the significance of current economic policies and identify patterns that will give shape to the economic world of the 21st century. Reading skill and an interest in developing a better understanding of today's world are essential in this course.

Grades 11, 12

SENIOR INTERDISCIPLINARY SYMPOSIUM - Honors

Year long

Senior Interdisciplinary Symposium (Institute for Catholic Leadership) is an interdisciplinary course that fulfills the 12th grade requirement for credit in English, social studies and religion. The course admits approximately forty-five students per section, is taught by three teachers (one from each discipline) and meets for two consecutive class periods.

The three disciplines in the course are integrated in two primary ways. First the course focuses upon themes that are common to the three subject areas. The values of Catholic Social Teaching underlie the selection of literature and guide the approach to each topic. Second, the disciplines are integrated through an emphasis on developing skills: reading, writing, critical thinking and discussion.

ICL has a focus on service-learning and leadership. When a student registers for ICL, he/she agrees to do a year of service at one of the program's designated sites.

Registration for ICL requires a 3.5 cumulative in English, religion and social studies, or recommendation of teachers in these three subjects.

Students will be encouraged to attend and participate in an overnight retreat. Approximate cost: \$65.00.

Financial assistance is available to students who cannot otherwise afford to attend the retreat.

St. Mary's University will give credit for Readings in Literature OR Senior Interdisciplinary Symposium (ICL), not both.

St. Mary's University has approved ICL as part of its Program for Advanced College Credit (PACC). Twelfth graders who take ICL and maintain a "C" average in this class may earn three college credits from St. Mary's which are transferable to approximately sixty other colleges and universities.

* Grade 12

Electives

DEBATE

Tri I

Students explore issues while focusing on preparing and communicating effectively. Using a variety of techniques and delivery methods, the course will emphasize participative, active, informal and formal persuasion. Processes of Lincoln-Douglas (one on one) and Traditional (team) debate will be the vehicle by which students can demonstrate their research, case development and presentation skills.

Grades 10, 11, 12

SOCIOLOGY

Tri I or Tri III

This course will introduce students to the study of human society and its origins. Students will study the impact institutions, organizations and the pressure to respond to the norms of a culture play on the individual within various societies.

Grades 11, 12

SOCIOLOGY OF SPORTS -

Tri I or Tri III

The Role of Race, Class and Gender in Athletics

This course will introduce students to the study of sociology. Students will study the impact that institutions, organizations and the pressure to respond to the norms of a culture, have on individuals involved in many different aspects of athletics. Students will specifically study the ways that athletics impact the societal norms of race, class and gender, as well as how these cultural norms are influenced by athletics.

Grades 11, 12

WOMEN'S STUDIES

Tri I

This course is designed around the question, "What does it mean to be a woman?" Students will be expected to engage in critical thinking. A variety of resources will be used so that students develop informed opinions when expressing agreement or disagreement. Some of the topics covered are: health care issues, anatomy, the changing role of women in society, the role of women in the United States history, women in the workplace, etc.

Grades 11, 12 (females only)

CLOSE-UP

Tri II

This is a trimester-long course in which students study the theories and practices of government. It culminates in one week in Washington, D. C. where the students see and experience federal government in action. Students who sign up for this class are expected to participate in the trip to Washington, D.C. Current events will be stressed. Costs for last year's trip were approximately \$1,790.00.

Grades 11, 12

INTERNATIONAL RELATIONS - Honors

Tri II

This one-trimester honors course is designed for students who are interested in analyzing the complex relationships among nations of the world. After the fundamentals of foreign policy are studied, the course will proceed into a series of case studies, focusing on international organizations, nations and issues that have been in the news. The successful student will come to the course with above average reading, writing, and speaking skills, as well as the willingness to adopt other countries' and cultures' points of view.

A 3.5 social studies GPA or higher is strongly recommended.

Grades 11, 12

PSYCHOLOGY

Tri II or Tri III

This course is a study of the major theories of psychology and how they relate to the development of the personality. Topics such as learning, perception, the shaping of values, the unconscious personality and behavior disorders will be introduced.

Grades 11, 12

World Language Department

The World Language Department of Cretin-Derham Hall recognizes that all students are citizens of a global society. To live more fully in this society, it is important that students be able to communicate in more than one language. As students learn to communicate in other languages, their appreciation of other cultures adds dimension and depth of understanding to their view of the world. When students learn that there is more than one manner of communication, they grow in their appreciation of peoples and cultures. In developing linguistic skills, they also learn to better understand and appreciate their native language.

Incoming students with previous knowledge of French, German, or Spanish will be tested or interviewed for proper placement before final registration in language classes.

Students are required to demonstrate the proficiency of a Level 2 course of a language to graduate. Each trimester of a language course earns one Cretin-Derham Hall credit.

The recommended time for student initiated level changes in the World Language Department is the week prior to Parent/Teacher conferences in October.

FRENCH

FRENCH 101

Year long

In the first year, students are introduced to the four basic skills of speaking, listening, reading and writing the language. Through visual aids, and the use of tapes as well as textbooks, students develop these skills. Students also gain some knowledge of the French culture.

Grades 9, 10, 11, 12

FRENCH 201

Year long

A course for those students whose mastery of the content presented in French 101 enables them to advance their reading, writing, listening and speaking skills. The course continues the exposure to the culture of the countries where French is spoken.

Prerequisite: French 101 or instructor's permission

Grades 9, 10, 11, 12

FRENCH 302 – Advanced

Year long

A course for those students whose mastery of the content presented in French 201 enables them to strengthen and develop the skills of reading, writing, listening and speaking. Students will continue to learn about the French culture.

Prerequisite: French 201 or instructor's permission

Grades 9, 10, 11, 12

FRENCH 303 – Honors

Year long

An advanced level course for those students whose mastery of the content presented in French 201 enables them to continue their development of the skills of reading, writing, listening and speaking. Students will be introduced to literature and will continue to learn about the French culture. There will also be essays and short compositions written in French with a major paper at the end of the year.

Prerequisite: French 201 or instructor's permission

Grades 9, 10, 11, 12

FRENCH 402 – Advanced

Year long

Designed to follow French 302 Advanced, this course emphasizes the study of literature as well as expanding grammar, composition and conversational skills. The study of the French culture is also continued.

Prerequisite: French 302 - Advanced or instructor's permission

Grades 9, 10, 11, 12 or instructor's permission

FRENCH 403 – Honors

Year long

This course is designed to follow Honors French 303 and emphasizes the study of literature and culture as well as advanced grammar, composition and conversation. The students will be expected to do a lot of reading in original French texts, including at least one full-length major work. There will also be essays to be written in French, as well as short compositions over the course of the year.

Prerequisite: French 303 Honors or instructor's permission
Grades 9, 10, 11, 12

FRENCH 503 - Honors

Year long

This is a course for the student who wishes to continue their mastery of French. The emphasis of the course is placed on conversation and composition. Through the study of selected original texts, films and current events the student will be expected to write essays and present topics for group discussion. Problem vocabulary and grammatical structures will be examined in greater depth according to the needs of the students. This course is designed to provide students with advanced preparation for post-secondary study.

Prerequisite: French 303 Honors, French 402 Advanced or French 403 Honors
Grade 10, 11, 12

GERMAN

GERMAN 3 – Advanced

Year long

A course for those students whose mastery of the content presented in German 2 enables them to continue their development of the skills of speaking, understanding, reading and writing. The student will continue to learn about the countries in which German is spoken.

Prerequisite: German 2 or instructor's permission
Grades 9, 10, 11, 12

GERMAN 3 – Honors

Year long

This course is designed to provide additional challenge to third year German students who have mastered the concepts taught in German I and German II. This class will be taught in a combined class with German 3 - Advanced. Curriculum items will be differentiated to provide more challenge for the Honors students.

Prerequisite: German 2 or instructor's permission
Grades 9, 10, 11, 12

GERMAN 4 – Honors

Year long

This course will continue to expand the students' skills in reading, composition, grammar and conversation. Several stories by contemporary German authors will be read. The emphasis of this course is placed on conversation and composition. The study of culture of the countries in which German is spoken continues.

Prerequisite: German 3 Advanced or German 3 Honors or instructor's recommendation
Grades 9, 10, 11, 12

GERMAN 5 – Honors

Year long

This course will concentrate on major grammatical concepts, conversation and composition. Problem vocabulary and structures will be examined in greater depth. The students will be expected to write essays and present topics for group discussion.

Prerequisite: German 4 Honors or instructor's recommendation
Grades 9, 10, 11, 12

LATIN

LATIN 1 – Advanced

Year long

The students will be introduced to the Latin language. The culture of ancient Rome will also be a part of this course. Latin for Americans will be the textbook.

Grades 9, 10, 11, 12

LATIN 2 – Advanced

Year long

The students will continue the study of the Latin Language, concentrating on Latin Readings and mythology. The culture of ancient Rome will continue to be a part of the class.

Prerequisite: Latin 1 or instructor's permission
Grades 9, 10, 11, 12

LATIN 3-4 – Honors

Year long

The students will continue the study of the Latin Language. In alternate years the study will be based on (a) Cicero and other prose writers of ancient Rome; and (b) Vergil and other poets of ancient times.

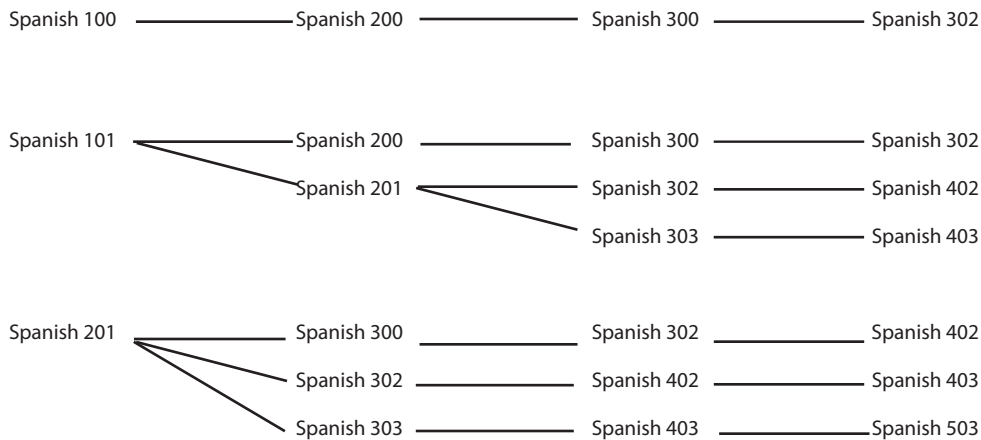
Prerequisite: Latin 2 or instructor's permission

Grades 9, 10, 11, 12

The University of Minnesota has approved Latin 3-4 – Honors as part of their College in the Schools program (CIS). Students in this class may earn credit that will become part of their permanent record at the University of Minnesota, as well as credit at Cretin-Derham Hall.

SPANISH

Possible Spanish Sequences:



SPANISH 100

Year long

In the first year course, students are introduced to the four basic language skills: speaking, listening, reading and writing Spanish. Through visual aids and the use of the textbook series *En español*, students develop these skills. The students gain some knowledge of the culture of the countries in which Spanish is spoken. This course will be paced more slowly than the Spanish 101.

Prerequisite: Instructor's permission

Grades 9, 10, 11, 12

SPANISH 200

Year long

This course continues the work of Spanish Introductory, Level I and is also for those students who need a comprehensive review of the skills and grammar of Spanish Level I. This course prepares the students for Spanish Level 201. The course continues the textbook series *En español*. Students will expand their skills of reading, writing, listening and speaking. The course also continues the exposure to the culture of the countries in which Spanish is spoken.

Prerequisite: Successful completion of Spanish 100 or instructor's permission

Grades 9, 10, 11, 12

SPANISH 101

Year long

In the first year, students are introduced to the four basic skills: speaking, listening, reading and writing Spanish. Through visual aids and use of the textbook series *En español*, students develop these skills. Students will gain some knowledge of the culture of the countries in which Spanish is spoken.

Grades 9, 10, 11, 12

SPANISH 201

Year long

A course for those students whose mastery of the content presented in Spanish 101 enables them to advance their reading, writing, listening and speaking skills. This course continues with the *En español* series. The course also continues the exposure to the culture of the countries in which Spanish is spoken.

Prerequisite: Spanish 100 with instructor's permission, Spanish 101 or test
Grades 9, 10, 11, 12

SPANISH 300

Year long

A course for those students whose knowledge of the content presented in Spanish 201 enables them to strengthen and develop the skills of reading, writing, listening and speaking. Students will continue to learn grammar topics, the culture of Spanish speaking countries and read stories to gain a better foundation to improve their mastery of the language.

Prerequisite: Spanish 201, instructor's permission or test
Grades 9, 10, 11, 12

SPANISH 302 - Advanced

Year long

A course for those students whose mastery of the content presented in Spanish 201 enables them to strengthen and develop the skills of reading, writing, listening and speaking. Students will continue to learn about the culture of the countries in which Spanish is spoken.

Prerequisite: Spanish 201, instructor's permission or test
Grades 9, 10, 11, 12

SPANISH 303 - Honors

Year long

A course for those students whose mastery of the content presented in Spanish 201 enables them to continue their development of the skills of reading, writing, listening and speaking on an advanced level. There is a beginning emphasis on literature, and students will continue to learn about the culture of the countries in which Spanish is spoken.

Prerequisite: Spanish 201, instructor's permission or test
Grades 9, 10, 11, 12

SPANISH 402 - Advanced

Year long

Designed to follow Spanish 302 - Advanced, this course emphasizes the study of literature as well as expanding grammar, composition and conversational skills. The study of the culture of the countries in which Spanish is spoken is also continued.

Prerequisite: Spanish 302 - Advanced, instructor's permission, or test
Grades 9, 10, 11, 12

SPANISH 403 - Honors

Year long

This Spanish course emphasizes the reading of literature and the study of culture as well as advanced grammar, composition and conversation.

Prerequisite: Spanish 303 - Honors, instructor's permission, or test
Grades 9, 10, 11, 12

SPANISH 503 - Honors

Year long

A course for those students who wish to continue their mastery of Spanish. The course emphasizes topical discussion and literary works, as well as continued composition, culture and history. It will provide advanced preparation for post secondary study.

Prerequisite: Spanish 403 - Honors, instructor's permission, or test
Grades 9, 10, 11, 12

