2019-2020
Curriculum Guide

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.

The Sisters of St. Joseph established Derham Hall 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.

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Student Registration

This Student Curriculum Guide is designed to aid you in planning your course selections at Cretin-Derham Hall. This guide is a catalog of all the subjects that will be offered for the 2019-2020 school year.

Listed by department, you will find a brief description of each course including the prerequisites, fees (if any) and other pertinent information you might need. Also included in this guide, you will find information about the requirements for graduation, the maximum and minimum number of courses which you may take, and other general information that will help you get the most out of your high school years.

Care in the selection of courses is encouraged to avoid schedule changes. In the event that a course is not offered due to insufficient enrollment, or enrollment exceeds course capacity, a student's alternate choices listed on their registration materials will be used to complete the schedule. Therefore, it is important that students list alternate choices they sincerely wish to take.

In the event that a course registration change needs to be made, the change needs to be approved by a parent/guardian. Please see Ms. Carroll in the Counseling Office for a registration change form. These changes need to be made prior to the last day of school this year. There will be a $25 charge for any change requested after May 31, 2019.

Registration Instructions for the Infinite Campus Student Portal

Students register for next year's courses using the Infinite Campus Student Portal.
On the iPad, use Safari to access your Infinite Campus Student Portal

To register for courses:

- Choose *Infinite Campus Portal* from the Current Parent/Students QuickLinks at www.c-dh.org. From the portal login screen, enter your Username and Password. If you do not remember your Username or Password, please go to the Tech Help desk in the LLC.
- Click the Login button. This will bring you to the main portal page.
- Click the *Course Registration: Cretin-Derham Hall 2019-2020* option from the index on the left of the screen.

Note: Any required courses that have been pre-registered for you will be listed in the Required Courses list.



- Click the Course Search link. A search screen will appear.
- Enter the Course Name or the first few letters of the Course Name. Click "Go". Matching course names will appear to the right.
- Click on any course title to view the course description. If there are many classes with the same title (i.e., Spanish) use the scroll bar to scroll down and click on the course you are requesting.
- Click the "Request this Course" button below the course description to request this course as part of your schedule for next year
- Register for all 3 trimesters when registering for yearlong classes.
- Register for 2 Alternate elective courses each trimester. These courses will be placed on your schedule if other electives are full. Alternate courses cannot be yearlong courses **or** a course you have registered for in another trimester.

To delete a course you registered for:

- If you would like to DROP a course you have selected, click on the course under your list of 'REQUESTED COURSES" and click on "DROP THIS COURSE".

Note: The top left corner of the page will display "Units (0-27)". Disregard the 27.

To finish your registration:

- A Request Summary will be mailed to students/parents/guardians in April. You may print a summary of the courses you have selected by clicking on "PRINT REQUEST SUMMARY". Your requests will then be displayed on your screen. You may now PRINT this list.
- Click the Sign Out option in the upper right hand corner. This will end the session and it will automatically **SAVE** your registration.

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	11
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 (Spectrum) are required to take at least seven credits each trimester.

▲ Students may take more than the required number of credits.

Course Levels

To better meet the needs of students, Cretin-Derham Hall offers courses at a variety of levels. Grades are weighted by level.

College Prep Level (4.000)

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 (4.250)

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. Many departments require a teacher recommendation for placement in an advanced course.

Honors and Advanced Placement (AP) Level (4.500)

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. Many departments require a teacher recommendation for placement in a 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, it is recommended that students have a cumulative 3.5 GPA in that subject area to go into or continue in an honors course. Senior Interdisciplinary Symposium (Spectrum) 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.

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:

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 must be cleared through the Principal.

Physical Education Pass Option

All students have the option of taking their Physical Education classes 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 and explanation of the Pass option guidelines.

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

11^{th} and 12^{th} 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 Counseling Office.

How to take Band, Choir or JROTC for all 4 years at CDH:

Plan ahead for courses you want to take. Band, choir and JROTC are elective credits. Students involved in these programs should fulfill all their required courses before taking other electives.

Physical Education/Health credits for Band/Choir:

- 4 full years of band or choir = 1 phy ed credit waived

Physical Education/Health credits JROTC:

- 4 full years of JROTC = 4 phy ed credits and 1 Health credit that are integrated into the JROTC curriculum

Suggestions to meet CDH graduation requirements:

Grade 9 Health/Phy Ed for Band/Choir students:

- Take Health Class during the summer prior to 9th grade
- Take Phy Ed classes in 9th grade
- Apply for a year long Independent Study Phy Ed credit, if qualified

Grade 9 Social Studies for Band/Choir/JROTC students:

- Take an Area Studies class the summer prior to 9th grade

Grade 11 Religion for Band/Choir/JROTC students:

- Take 11th grade religion during the summer prior to 11th grade (when offered)

Fine Arts for JROTC students:

- Take at least one Fine Art class in 9th grade and two classes within grades 11 and 12

If you are in Band and JROTC or Choir and JROTC, you can take the JROTC class during the homeroom class period in 10th or 11th grades, if needed.

See Ms. Passman, Principal with questions.

St. Mary's University Program for Advanced College Credit (PACC)

Online link to St. Mary's University Program for Advanced College Credit (PACC):
http://www.smumn.edu/undergraduate-home/admission/special-programs/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. The deadline to apply for PACC is the 3rd Monday of September. PACC credits are recognized and accepted over 300 colleges and universities nationally. Accepted PACC students who maintain a "C" average or better in the PACC course receive college credits. These credits become part of student's permanent college record.

The fee per credit in 2018-2019 was $75.00. 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 2019. St. Mary's University will give credit for Readings in Literature OR Senior Interdisciplinary Symposium, not both.

The courses for the 2018-2019 school year that may be offered for college credit are:

Chemistry - Honors	Four credits
Physics - Advanced	Three credits
Physics - Honors	Four credits
Readings in Literature	Three credits
Senior Interdisciplinary Symposium	Three credits

College in the Schools Program (CIS) – University of Minnesota

Online link to College in the Schools Program (CIS) – University of Minnesota:
http://cce.umn.edu/college-in-the-schools

College in the Schools is accredited by the National Alliance of Concurrent Enrollment Partnerships. Accreditation guarantees that courses offered through CIS are University of Minnesota courses and CIS students earn University of Minnesota credit. High school students taking U of MN courses through CIS are held to the same academic standards as students on the University campus. High school teachers teaching U of MN courses through CIS are selected, trained, and continuously supported by University faculty.

Human Anatomy and Physiology – Honors	Four University of Minnesota semester credits
Latin 3-4 Honors	Four University of Minnesota semester credits

The University of Minnesota has approved the following courses as part of their College in the Schools Entry Point program (EPP):

English 12 – Writing Studio	Four University of Minnesota semester credits
Physics By Inquiry	Four University of Minnesota semester credits

Students in these classes may earn credit that will become part of their permanent college record, as well as credit at Cretin-Derham Hall. The fee in 2018-2019 was $145.00. The University of Minnesota has not yet determined the fee for the upcoming school year.

Post-Secondary Enrollment Options Program (PSEO)

At Cretin-Derham Hall, the Post Secondary Enrollment Options Program (PSEO) allows students in grades 11 and 12 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 Minnesota private liberal arts colleges. 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 their school counselor in the CDH Counseling Office for more information and a complete orientation to the program.

Counseling Department

An effective Counseling 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. Academic goals and post-secondary planning are also critical. The Cretin-Derham Hall Counseling Department is staffed by licensed school counselors, college counselors, and a chemical health counselor. Parents are encouraged to call or email their student's counselors at any time for an appointment. We will try to schedule meetings at your convenience.

Counseling Department Contact Information:

Counseling Assistant:			
Connie Reding	696-3312	creding@c-dh.org	
College Counselors:			
Joan O'Connell	696-3322	joconnell@c-dh.org	Last names: A - L
Leslie Connelly	696-3383	lconnelly@c-dh.org	Last names: M - Z
School Counselors:			
Mike Brewer	696-3364	mbrewer@c-dh.org	Last names: Ahe - Gant
Jane Young Mon, Tues, Thurs, Fri	696-3324	jyoung@c-dh.org	Last names: Gar-Lee
Kaitlyn Shead	696-3323	kshead@c-dh.org	Last names: Lem-Sam
Emiy Kurmis Tues, Wed, Thurs, Fri	696-3328	ekurmis@c-dh.org	Last names: San-Zoo
Chemical Health Counselor			
Gayle Knopik Tues, Fri	696-3378	gknopik@c-dh.org	
Registrar			
Katie Carroll	696-3325	kcarroll@c-dh.org	

Counseling services include academic and personal development, as well as post-secondary planning. Below is a listing of services available to all students:

- A resource to classes, providing speakers, groups, etc.
- Individual personal counseling
- Individual post-secondary planning
- Mental and Chemical health education
- Monitoring of academic progress

Grade-specific services:

Ninth grade

- Introductory session to access our peer-mentoring program: People Finding People (PFP)
- Individual meeting and counseling services with assigned school counselor
- Introduction to the Naviance program, a web-based college/student planning site
- Classroom counseling lessons throughout the year topics include:
    - Accessing a support network
    - Social media and working through stress
    - Course planning
    - Introduction to post-secondary options
- Pre-ACT Test administered on All School Testing Day

Tenth grade

- Continued, optional involvement in the PFP program
- Classroom counseling lessons throughout the year. Topics Include:
    - Course planning
    - Finding balance
    - Career exploration
- Pre-ACT Test administered on All School Testing Day

Eleventh grade

- Jumpstart Your Future Day -- in school program devoted to the college planning process
- Parent/Guardian Post-Secondary Planning evening program
- Individual meetings with each eleventh grader, their parents/guardians, and assigned college counselor regarding post-secondary planning
- CDH Education Fair
- Career/College planning library and resource area
- Classroom counseling lessons on course planning and finding balance
- NCAA eligibility orientation for potential scholarship athletes
- PSAT administered on All School Testing Day
- ACT offered at CDH in February and April

Twelfth grade

- ACT offered at CDH in September
- College Application Process evening meeting for parents/guardians and senior students
- Optional, individual college planning meetings
- College Financial Aid evening program for parents/guardians
- Processing CDH supporting materials for college applications

Library and Learning Center Mission

The Cretin-Derham Hall Library and Learning Center (LLC) assists students in becoming information literate and lifelong learners. The CDH librarian, in collaboration with faculty and administrators, teaches literacy skills that are embedded across the curriculum. These include the skills to find, evaluate, and use information for student academic and recreational pursuits.

Philosophy

The Cretin-Derham Hall Library and Learning Center focuses on service to students, faculty, staff, and the larger CDH community. The role of the LLC librarian and aides is to engage students in the library and classrooms, to develop their critical thinking skills, to improve their resource evaluation skills, and to help them balance digital resources with print resources, making the LLC an integral part of their learning process. Materials are available in a variety of formats, including print and e-books, online databases and videos, and some audio books, all meant to engage each individual learner.

Resources and Facility

The Cretin-Derham Hall LLC resources include a collection of over 12,000 print and video items, over seventy-five audio books, thirty-six online databases and digital reference book collections, along with 20 Macintosh computers. In addition, the LLC has a quiet study area, a conference/meeting area and a Makerspace for student tinkering, and creating. The school's technology department and staff share space in the LLC.

Information Literacy: Key Skills for the 21st Century

The CDH Library and Learning Center focuses on teaching 21st century skills for students to become proficient 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 are given as needed. Students may register for this course with a recommendation from this department.

Grades 9, 10, 11, 12

LEARNING LAB + STUDY SKILLS **Tri I or Tri II or Tri III**

Strong study skills are of value to the individual student. Success in high school is dependent on strong study skills, and some students need to strengthen those skills in order to find the most success. Study Skills sessions will develop habits related to organization, test preparation, test taking, note taking, comprehension strategies, self-advocacy and communication.

Study Skills is a supplemental class for students currently enrolled in learning lab. Students who opt for Learning Lab and Study Skills will meet in Study Skills class two days a week and be in Learning Lab three days a week.

Grades 9, 10

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

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 $40.00 to cover the cost of materials.

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

COMPUTER AIDED DESIGN (C.A.D) **Tri I**

Students will work with Onshape 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 using 3D printers to prototype their work before final approval.

Note: Skills learned will be helpful to members of the Robotics team, but the class is not limited to Robotics students and content.

Grades 9, 10, 11, 12

COMPUTER ANIMATION **Tri I or Tri II or Tri III**

This class focuses on the fundamental technical skills required to control the objects, characters, and backgrounds of animated scenes. Students will learn the practical applications of various technologies to create color, light, movement, weight, in their own animated scenes. After focusing on many of these basic concepts in various 2D tools, students will transition to using Blender, a 3D modeling and animation tool, to create their animations in a full, 3D environment. While technology is the focus of this course, students will also study professional animators and learn how they tell stories through their work, using storyboarding, scripting and timing tools to focus their final product into something uniquely their own.

Grades 9, 10, 11, 12

INTRODUCTION TO PROGRAMMING – Advanced **Tri II or Tri III**

In Introduction to Programming, students will use the Python programming language to learn the fundamentals of computer science and practice writing code. By learning the basics of programming structure, control flow, and eventually object-oriented programming, students will create a series of increasingly complex programs to test their skills in hands-on applications. By the end of the course, students will have the skill to parse data from spreadsheets, generate math-based programs that will solve complex equations, and even create their own games. Students do not require any previous programming knowledge to succeed in this course.

Grades 9, 10, 11, 12

PROGRAMMING APPS FOR iOS - Advanced **Tri I or Tri III**

In this course students will learn how to create apps that run on iOS devices. Students will learn how to program using the Swift language while using tools such as XCode for programming their apps. We will be looking at different programming principles as we take our apps through the process of creating, testing, and debugging. Prior programming knowledge would be helpful, but it is not required for this course.

Grades 9, 10, 11, 12

WEB PROGRAMMING AND DESIGN (WEB ENGINEERING) **Tri II**

In Web Engineering, students create will practice creating web pages, with a focus on writing HTML, CSS, and Javascript to generate page layouts and interactivity. Students will learn the fundamentals of how web servers and networking functions to deliver data across the internet. While this is not an art class, students will explore how grid layouts, color, typography, and photography can inform user experience and drive engagement with a website. Students do not require any previous programming knowledge to succeed in this course.

Grades 9, 10, 11, 12

The CDH English Department envisions developing students' language arts skills by reading diverse texts from broad literary perspectives. Developing critical literacy and being open to various truths, we envision enabling all students to develop a sense of self by discovering their own voice with curiosity and creativity. We envision students who are able to communicate well and succeed in post-secondary education. More importantly, we envision students who are empowered to challenge social injustices and use their voices to celebrate and defend the dear neighbor without distinction.

To take an English honors course it is recommended that students have a cumulative 3.5 GPA in English or receive permission. Students should 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 website: www.cretin-derhamhall.org.

Values Symposium (year long)

VALUES SYMPOSIUM – English **Grade 9 students are pre-registered for this course.**

This Interdisciplinary course provides students with a common academic experience as they begin high school. Based expressly on the CDH values, this year-long course is team taught with the Religion, English, and Social Studies departments. Students learn more effectively by connecting separate subjects for lifelong learning. Students practice and refine basic writing skills, stressing paragraph structure and they practice descriptive, personal, analytical, and narrative essays. Building relationships among peers and teachers, students develop critical thinking and communication skills. This class encourages informed citizenship, and promotes 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 website: 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 examine personal journeys amidst different cultures. These areas of study may 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, and 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 examine personal journeys amidst different cultures. These areas of study may 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, and 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 website: www.cretin-derhamhall.org.

United States Literature/Composition (year long) OR
United States Literature/Composition – Honors (year long) OR
Advanced Placement English Language and Composition – Honors (year long)

UNITED STATES LITERATURE/COMPOSITION **Year long**

The United States is a country based on free-speech, so what have we contributed to the language and art of literature? This course introduces U.S. Literature thematically or chronologically from the 1600s to the present. Students read a variety of texts; autobiographies, novels, short stories, plays, poetry and essays. The course focuses on the scope and purpose of U.S. writers and their stories and is based on a multicultural perspective. Students develop mastery at writing analysis, comparison, persuasion and personal essay styles, as well as prepare for college entrance essays. Students are challenged to identify different voices in U.S. Literature in order to understand the depth of the American Experience.

Grade 11

UNITED STATES LITERATURE/COMPOSITION - Honors **Year long**

The United States is a country based on free-speech, so what have we contributed to the language and art of literature? This course introduces U.S. Literature thematically or chronologically from the 1600s to the present. Students read a variety of texts; autobiographies, novels, short stories, plays, poetry and essays. The course focuses on the scope and purpose of U.S. writers and their stories and is based on a multicultural perspective. With more extensive and self-directed writing, students should exhibit mastery at writing analysis, comparison, persuasion and personal essay styles, as well as prepare for college entrance essays. To succeed in this course, students should be able to carefully read 30-40 pages per night. Students will know the different voices in U.S. Literature in order to understand the depth of the American Experience.

Grade 11

AP ENGLISH LANGUAGE AND COMPOSITION – Honors **Year Long**

This course utilizes U.S. literature to cultivate dynamic and intense reading and writing skills required for college success and for intellectually responsible civic engagement. This course guides students in becoming curious, critical, and responsive readers of diverse, U.S.-authored texts, both fiction and non-fiction. Students become strong, flexible, confident and reflective writers who address diverse audiences for diverse purposes, such as persuasive, informative, and on-demand writing and discussion. Students will deepen and expand their understanding of how written language functions rhetorically: to communicate writers' intentions and elicit readers' responses in particular situations. Reading and writing activities in this course deepen students' knowledge and control of formal conventions of written language, such as diction, syntax, spelling, punctuation, and paragraph and essay structuring. Literary devices such as point of view, tone, mood, imagery, and detail, and skills in researching and citing sources, are greatly emphasized and practiced. The class also prepares students to take the AP Language and Composition test in the spring and possibly to earn a passing score on the test for college credit. Students are required to read two books and write a paper as a summer reading assignment for this course.

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 website: www.cretin-derhamhall.org.

English 12 (year long) OR
English 12 – Writing Studio, University of Minnesota CIS Entry Point Program (year long) OR
Readings in Literature – Honors (year long) OR
Senior Interdisciplinary Symposium - (Spectrum) – Honors (year long)

ENGLISH 12 **Year long**

This year long English course includes relevance, applicability, engagement and action in service as focal points for curricular materials and course work. Students 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 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 practice formal and informal public speaking, presenting and interviewing.
Service: This course is paired with Senior Seminar Religion to allow for the time needed for service on Thursdays.

English 12 might be offered in a combined class with English 12 – Writing Studio to accommodate student schedules.

Grade 12

ENGLISH 12 – WRITING STUDIO **Yearlong**
UNIVERSITY OF MINNESOTA COLLEGE IN THE SCHOOLS ENTRY POINT PROGRAM (EPP)

Online link: https://cce.umn.edu/writing-studio
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. With this class, students will be earning four University of Minnesota semester credits through the College in the Schools Entry Point Program of the University of Minnesota. This course is paired with Senior Seminar Religion to allow for the time needed for service on Thursdays.

WRIT 1201 introduces students to general writing strategies encountered at the college level. Through frequent practice and feedback, students learn to see writing as a tool for learning and a vehicle for expression of ideas and informed views. Students also learn a working vocabulary for discussing writing. Typical assignments include informal writing derived from personal experience, response to readings, analysis and evaluation of sources on the web and in print, and formal papers that increasingly make use of sources as well as close reading of texts. The course emphasizes the active practice of writing, from gathering ideas for a paper, through the drafting of papers, to careful editing.

College in the Schools is accredited by the National Alliance of Concurrent Enrollment Partnerships. Accreditation guarantees that courses offered through CIS are University of Minnesota courses and CIS students earn University of Minnesota credit. High school students taking U of MN courses through CIS are held to the same academic standards as students on the University campus. High school teachers teaching U of MN courses through CIS are selected, trained, and continuously supported by University faculty.
The fee in 2017-2018 was $145.00. The University of Minnesota has not yet determined the fee for the upcoming school year.

Enrollment to the College in the Schools Entry Point Program of the University of Minnesota may be limited. Students are required to meet the U of MN (EPP) requirements.
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. This course is paired with sections of the Senior Seminar religion course or Philosophy and Theology to allow for the time needed for service on Thursdays.

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 over 300 colleges and universities.
Grade 12

SENIOR INTERDISCIPLINARY SYMPOSIUM (SPECTRUM) - Honors **Year long**

Senior Interdisciplinary Symposium is an interdisciplinary course that fulfills the 12th grade requirement for credit in English, and religion. The course also fulfills 2 credits for social studies. Students are required to take Economics or Economics-honors and U. S. Government or AP U. S. Government to fulfill the social studies requirement. This 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.

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

A 3.5 cumulative GPA in English, religion and social studies is strongly recommended for registration for Senior Interdisciplinary Symposium (Spectrum).

Students will be encouraged to attend and participate in an overnight retreat. Approximate cost: $80.00. Limited financial assistance is available to students who cannot otherwise afford to attend the retreat.

St. Mary's University has approved Spectrum as part of its Program for Advanced College Credit (PACC). Twelfth graders who take Spectrum and maintain a "C" average in this class may earn three college credits from St. Mary's which are transferable to over 300 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.

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 their writing skills. The course 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, and personal narrative and college applications.

Grades 11, 12

FILM STUDY **Tri I or Tri III**

Students view films and learn how to critically analyze a film. Evaluation will be through class discussions and papers written on the films studied.

Grades 10, 11, 12

MEDIA STUDIES **Tri II**

As young adults, people begin to form their own ideas about the world. Be it politics, public policy, science, religion or entertainment, how do we use the media? Where do our ideas come from and how are our ideas formed? This class will study the history of media and its many forms, including varied technological and rhetorical devices. Examining the role of bias in media outlets, students identify and study the idea of truth and integrity in mainstream and alternative media forms. We will examine not only news stories, but advertising, media ownership, music, and other alternative forms of media. Indeed, we should all form our own ideas, but the most media literate citizens are able to decipher the origins of those ideas in order to create and refine their own.

Grades 10, 11, 12

SPEECH **Tri III**

Though research demonstrates most people dislike public speaking, we all use it every day in multiple ways. What makes effective speaking, whether in casual or formal situations? What does it mean to be successful as a public communicator no matter the audience? This class will include a variety of speaking situations, not just behind a podium. Our goal will be to examine how best to approach different situations, and find confident voices. We will study personal strategies how to organize ideas, persuade, tell stories, and inform. Improvisation and discussion may be used as well. No matter how much anxiety you may experience in front of others, public speaking will never seem overwhelming again.

Grades 9, 10, 11, 12

ENGLISH ELECTIVES THAT WILL BE OFFERED DURING 2020-2021 SCHOOL YEAR:

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

Fine Arts Department

The Fine Arts at Cretin-Derham Hall currently includes choral music, instrumental music, media arts, the visual arts and theatre. 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.

Music

BEGINNING BAND **Year long or as needed**

Beginning Band is a class open to students who have little or no experience with music or playing a band instrument. The focus of Beginning Band is to prepare for membership in Concert Band. This daily class is a combination of daily private or group lessons and an independent study. Beginning Band instruments for those with no experience are limited to Bass Clarinet, Tenor or Bari Saxophone, Trumpet, Trombone, Baritone, Tuba or Mallet Percussion. Those who already play Flute, Clarinet or Alto Saxophone or percussionists without mallet experience should take Beginning Band if not ready for Concert Band. There is an instrument rental fee of $75.00 for those who do not have their own instrument.

Interview with instructor required

Grades 9, 10, 11, 12

CONCERT BAND **Tri I - Tri II - Tri III**

CONCERT BAND - Honors **Tri I - Tri II - Tri III**

The Concert Band includes grades 9-12 in a full band setting. Students are exposed to the study of a wide range of levels and genres of band literature. Theory/notation, musical interpretation/style and music history are also included. Performance requirements include all formal concerts (4), Large Group Contest, the Suburban East Conference Music Festival, all parades (2-3) and the Homecoming field show, JROTC events, 4 pep bands each trimester and other service/performance opportunities that may arise (such as Masses). Members are required to take in-school lessons on their primary instrument (4 per trimester) or students 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 the fall marching and pep band season. There is also a band trip every two years (fun but not required)!

Students in grades 10-12 may register for Honors credit with the director's permission prior to registration. Additional requirements for Honors credit include an outside concert report and recital each trimester.

Pre-requisite for Percussion: Piano/Mallet Percussion experience or 1 trimester of Beginning Band.

Grades 9, 10, 11, 12

HONORS CHOIR - Honors **Year long**

This select/auditioned ensemble is open to students in grades 10-12. Auditions will be held each spring for the upcoming school year. Audition times will be held each autumn for transfer students. This ensemble gives students who are passionate and serious about making music the opportunity to rehearse, create, and perform at the highest level we can achieve. The "Honors Choir" will be the primary choir to perform at contest and extracurricular events. Voice lessons are strongly encouraged, and a full year commitment is required. The "Honors Choir" meets in two factions: If a student can fit it into their schedule, they will take it like a normal class. If the student cannot fit it into their schedule, they will meet with me two to three times a week at zero-hour to rehearse the same music as the curricular faction. The two groups will come together to from the "Honors Choir" ensemble for concerts and other events.

Grades 10, 11, 12

THE CHAMBER SINGERS- Advanced **Year long**

This non-audition choir is open to all 10th-12th grade students at CDH. "The Chamber Singers" will focus on refining musicianship, performing standard and extended repertoire, and will be the primary choir to provide service to the CDH community through song. Voice lessons are strongly encouraged, and a full year commitment is required.

Grades 10, 11, 12

9th GRADE CONCERT CHOIR - Advanced **Year long**

This non-audition ensemble is open to all 9th grade students at CDH students at CDH. This ensemble serves as a prerequisite to "The Chamber Singers" and "Honors Choir." "Concert Choir" will focus primarily on building musicianship, developing healthy vocal technique and tone, and expanding music literacy

Grade 9

CDH CHORAL ARTISTS **Year long**

This non-auditioned ensemble is open to all CDH students regardless of music ability or experience. If you like to sing, feel free to join! This choir will meet twice a week outside of the regularly scheduled school day, including during homeroom, and some mornings before school. The Choral Artists will perform at all concerts with the other choirs. Students may take this course pass/fail or for a letter grade. This choir will meet twice a week all year for one credit.

Grades 9, 10, 11, 12

MUSIC THEORY **Tri I**

All grades welcome! There is no pre-requisite for this course--ALTHOUGH--enrolling in any performing ensemble will help this knowledge transfer! Join music theory as a way to learn about the fundamentals of music, the history of music, and how to play some basic instruments. This course focuses on building transferable skills in music, organization, and practicality to other disciplines.

Grades 9, 10, 11, 12

MUSIC APPRECIATION **Tri III**

This course examines how music and society interact. A major focus is the development of music throughout history. Students will explore how and why music was written and has changed. Students will also be introduced to non-Western music and the ways their ethnic and cultural backgrounds have influenced their experience with music. Students will learn to listen to music more intentionally and form intelligent opinions about it.

Grades 9, 10, 11, 12

Theater

ACTING I **Tri I or Tri II**

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**

Acting II offers further development in the theater arts. Through scene work and monologues, students will explore some of the major acting theories of the 20th century. The class will explore theatrical forms such as Commedia Dell'arte, Farce, and Theater of the Absurd. Class will be conducted as a process oriented workshop, with time for discussion, discovery, rehearsal and instructor/student feedback. Students will have the opportunity to learn from professional actors the importance of training as well as the reality of the business. The course will conclude with each student preparing two contrasting monologues, an acting resume, and a headshot in order to understand protocols for a professional or college audition.

Prerequisite: Acting I with a grade of "B" or higher
Grades 10, 11, 12

IMPROVISATION I - Advanced **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 TC 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 for an invited audience.

Prerequisite: Acting I with a grade of "B" or higher
Grades 9, 10, 11, 12

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 sort 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.
Students may register for Honors credit with instructor's permission
Grades 11, 12

MUSICAL THEATRE - Advanced **Tri II**

Musical Theater class is an exploration of the evolution of American Musical Theater. Beginning with discovering your place in musicals, the class continues with daily singing and simple group choreography. The final product will be a class showcase featuring choreographed song and dance numbers, as well as ballads from a wide genre of musicals.

Prerequisite: Acting I or vocal work: may include CDH Choir or a willingness to begin extra vocal training outside of class
Grades 10, 11, 12

Students may register for Honors credit with instructor's permission in grades 10, 11, 12.

TECHNICAL THEATER/SHOP **Tri III**

Stagecrafts explores the technical aspects of the theater. Areas covered will include: set and prop construction, make up and costume 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

CREATIVITY **Tri II or Tri III**

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. 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

Studio Arts

Note: All studio art courses require a fee of $40.00 to cover the cost of materials.

CERAMICS I **Tri I or Tri II or Tri III**

Beginning ceramics students will have a comprehensive introduction to clay and pottery making through various techniques and methods. The class will focus on hand building and wheel throwing approaches to ceramics. Students will learn about the different stages of clay and glazing.

Grades 10, 11, 12

CERAMICS II – Advanced **Tri I or Tri II or Tri III**

Advanced ceramic students will review and refine fundamental techniques of pottery. In this class students will further explore forms created by hand building and the potter's wheel. The class will help students continue and advance their understanding of clay and glaze methods. Students will improve decoration skills and focus on the completed form. Studio management will be stressed and students will be asked to complete four studio jobs. The jobs will help with the students' comprehension of how a ceramics studio is run.

Prerequisite: Ceramics I

Grades 10, 11, 12

CERAMICS III - Honors **Tri I or Tri II or Tri III**

Ceramics III is an honors course and students will be polishing and improving on all of the pottery skills that they have acquired to this point. Students will be working to develop their own artistic voice and refining their style. Problem solving and predetermined forms will be a focus. In addition, more attention will be given to studio management and the general upkeep of the ceramics lab. The students will have studio jobs that will help with the students' comprehension of how a ceramics studio is run. The final project consists of an all class peer critique; all students are expected to participate.

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

Grades 10, 11, 12

DRAWING I **Tri I or Tri II or Tri III**

This art course focuses on the fundamentals of art making with emphasis on the very basics of drawing. Students will strengthen drawing and observational skills with weekly sketchbook assignments. If you have little confidence in your present drawing skills, you will be able to learn to draw. And if you feel somewhat confident in your ability, you will gain expertise! This course will also introduce students to digital drawing. Daily routines will include project work time and discussions about historical, contemporary & local artists. At the end of the trimester, students will be able to discuss their own artwork, create a digital portfolio and have an understanding of the Elements of Art in terms of how an artist creates a variety of art & creative works.

Grades 9, 10, 11, 12

DRAWING II - Advanced **Tri I or Tri II or Tri III**

Students will work to increase proficiency in observational drawing, conceptual projects as well as portrait work. Students will use a wide variety of drawing materials, maintain weekly sketchbook assignments, and further develop their artist habits of mind. Students will add to their digital portfolio with projects that reflect a variety of subject matters and techniques. This class is for the student who is excited about personal sketchbook work and nurturing artistic ideas!

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

Grade 9, Drawing 1 required.

Grades 9, 10, 11, 12

DRAWING III - Honors **Tri II**

Students will work on a variety of drawing assignments that continue to push their observational skills, creativity, and sketchbook drawing discipline. Students will have assignments that allow them to explore drawing from life and figure work. This course will include traditional drawing mediums as well as digital. This is an exciting class for the student who is prepared to bring forth creative ideas into the classroom and transform plans into quality 2-dimensional artworks! This course prepares those students who are interested in taking drawing very seriously. This course can be taken multiple times or in preparation for an Independent Study course. *(Independent Study courses are for the very advanced and highly motivated student who has taken all levels I, II, and III in either Drawing or Painting. *Instructor permission is required as well as a previous grade of an "A" in Drawing III and/or Painting III)*

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

Grade 9, Drawing I & II required with a grade of 'B" or higher

Grades 9,10, 11, 12

GRAPHIC DESIGN **Tri I or Tri II**

Students will use Adobe Illustrator to create graphics on the computer. We will learn about the Principles of Design and base our projects off of them. Some projects could include making logos, shirt design, poster and flyer design, and packaging. We will use this knowledge to use the school laser, the "Glowforge" to create key chains, magnets, ornaments, and other cut or engraved materials.

Grades 10, 11, 12

JEWELRY MAKING **Tri I or Tri II**

Students explore the world of Jewelry Making through multiple mediums and learn to create professional jewelry that you would see at an art show or market. Some types of jewelry could include; macramé/threads, wire, bead loom, metal stamping, leather, wood, and/or polymer clay.

Grades 10, 11, 12

PAINTING I **Tri I or Tri II or Tri III**

Students will learn to explore with paint! Students will create paintings using a variety of techniques and learn about basic color theory. Be prepared to document ideas for your paintings in a sketchbook! This is a fun class for students to create compositions from observation and their imaginations. Mediums: Tempera paint, watercolor, and mixed media items borrowed from drawing classes. By the end of the trimester, you will be very knowledgeable in color mixing & painting basics and prepared for working in acrylic paints for Painting II.

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 with acrylic paint on canvas. This exciting class is for the student who is really interested in painting and wants to increase their skills by learning proper acrylic painting techniques and exploring color theory. Be prepared to document ideas in your sketchbook and bring your ideas to life and on canvas. Students will create paintings inspired by contemporary painters & world renowned artists of our time!.

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

Grades 10, 11, 12

PAINTING III – Honors **Tri 1 Tri II or Tri III**

Students will continue to work with acrylic paint on canvas, along with watercolor on paper. Students will us their color theory background as they push their own creativity with new paintings and perhaps exploring mixed-media as well! Students will further strengthen their artistic habits and sketchbook activity. Accomplished students can also learn to stretch their own canvases and plan painting compositions of a large size or multiples within a series. This course prepares those students who are interested in taking painting very seriously.

This course can be taken multiple times or as preparation for an Independent Study course. *(Independent Study courses are for the very advanced and highly motivated student who has taken all levels I, II, and III in either Drawing or Painting. *Instructor permission is required as well as a previous grade of an "A" in Drawing III and/or Painting III.)*

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

Grades 11, 12

PHOTOGRAPHY I – DIGITAL PHOTOGRAPHY **Tri I or Tri II or Tri III**

Learn to use a DSLR camera to take amazing pictures and professionally edit them. Students will use Adobe Photoshop to edit and make new digital creations that will be printed and mounted. Students will get out and try shooting different photographic styles like composition, portraits, landscapes, multiple exposure, light photography, self-portraits, and more! Take what you already do with your phone and expand on it to become a true photographer.

Grades 10, 11, 12

PHOTOGRAPHY II – FILM PHOTOGRAPHY **Tri II or Tri III**

Explore the traditional art of 35mm black and white photography. Get to use the Dark Room to be hands on and develop and process your very own film. These are the "old" cameras that you put your own film into and use the light meter to create the exposures. Take that film and put it in our enlargers to make the print, put that into chemicals and your photo magically appears.

Prerequisite: Photography I

Grades 10, 11, 12

PHOTOGRAPHY III - Honors **Tri III**

This course is designed for the committed, serious photographer to further explore advanced techniques in digital and film photography. Students will create personal statements about their work, and then compile their focus into their very own photography portfolio.

Prerequisite: Photography I & II

Grade 12

PRINTMAKING **Tri III**

Printmaking is a very hands on art class where students learn printing techniques that Roy Lichtenstein, Pablo Picasso and Andy Warhol used for iconic expressive art making. Students will learn at least three Printmaking techniques such as Relief Printing, Monoprinting and Screenprinting. They will design and create multiple original prints on paper and textiles. Be prepared to have sketchbook prepwork assignments and to have a lot of fun! This class is for the student who enjoys making "multiple" prints of unique, one-of-a-kind handmade images!

**Students can take Printmaking more than one Trimester and further develop their artistic ideas.*

Prerequisite: Drawing experience beneficial, but not required.

Grades 9, 10, 11, 12

SCULPTURE **Tri II**

Students will work on a variety of projects that focuses on 3-dimensional work. They will design and build with multiple mediums, such as: origami, wire, wood, cardboard, foam core, and paper to make their 3D pieces. This is a fun, creative, and technical creation class.

Grades 10, 11, 12

PEER TUTORING **Tri I or Tri II or Tri III**

Peer tutoring is a service learning and leadership opportunity designed to share one's academic strengths. This class will consist of tutoring time and training in skills such as creating positive relationships, communication, study skills, strategies for improving reading and writing, multiple intelligences and learning differences. This class will meet during 6th period. Some of this time will be used for tutoring and some for training. If this course does not fit into your schedule, you may serve as a peer tutor during your homeroom time, before school or after school. Students will be required to attend training sessions during their homeroom time. Instructors will assist tutors to create a schedule with their tutored students.

Learning Specialists, Mr. Joe Miley and Mrs. Pat Norusis teach this Pass/Fail course.

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

Grades 11, 12

PEOPLE FINDING PEOPLE (PFP) **Year long**

Nominations for this class are held in the spring and students will register following the selection process.

This peer mentoring class has been designed for students interested in mentoring other students Mentors are selected after an interview process. PFP participants are required to attend summer school and a fall retreat that 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 and third trimesters 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. Counselor Katie Shead English teacher Hugh Hawkins teach this class.

Students are required to attend and participate in a summer course and an overnight retreat in the fall. Approximate cost: $225.00. Limited financial assistance is available to students who cannot otherwise afford to attend the summer course.

Grade 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-verbal's; 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 3000 students in the past eighteen years. TLC also uses many outside presenters who specialize in personal development.

There may be optional adult/parent/guardian courses offered during the year in the evenings.

Grades 9, 10

YEARBOOK **Yearlong**

This yearlong class will cover the aspects of making the CDH Yearbook. If you have an interest in Design, Layout, Journalism, and Photography this is the class for you. It will be an intense class with deadlines and we will learn how to create professional page layouts, write copy, edit images, interview, and market. This is for those who have above average writing, word processing, and computer skills. After school hours will be required to complete and make out book the best yet.

Requires an application, those are found in C103 with Mr. Giles

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 respect, 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) **Grade 9** **Year long**

JROTC Phy Ed on alternate days*

- LET-1 students take JROTC three days each week and Physical Education the other two days.

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

JROTC students who cannot fit a class-hour JROTC class into their schedule can **apply** for the Lunch/Homeroom JROTC class.

Applications for Lunch/Homeroom JROTC classes are found in the Counseling Office.

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.

Geography, Map Skills & Environmental Awareness: (Optional) 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 9th grade 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 (optional): 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: 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 9th grade 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. 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.

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 to pass the JROTC Program Assessment.

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 9th grade 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 9th grade class. Lead the teaching of Junior Achievement and curriculum to elementary school students.

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. Lead 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.

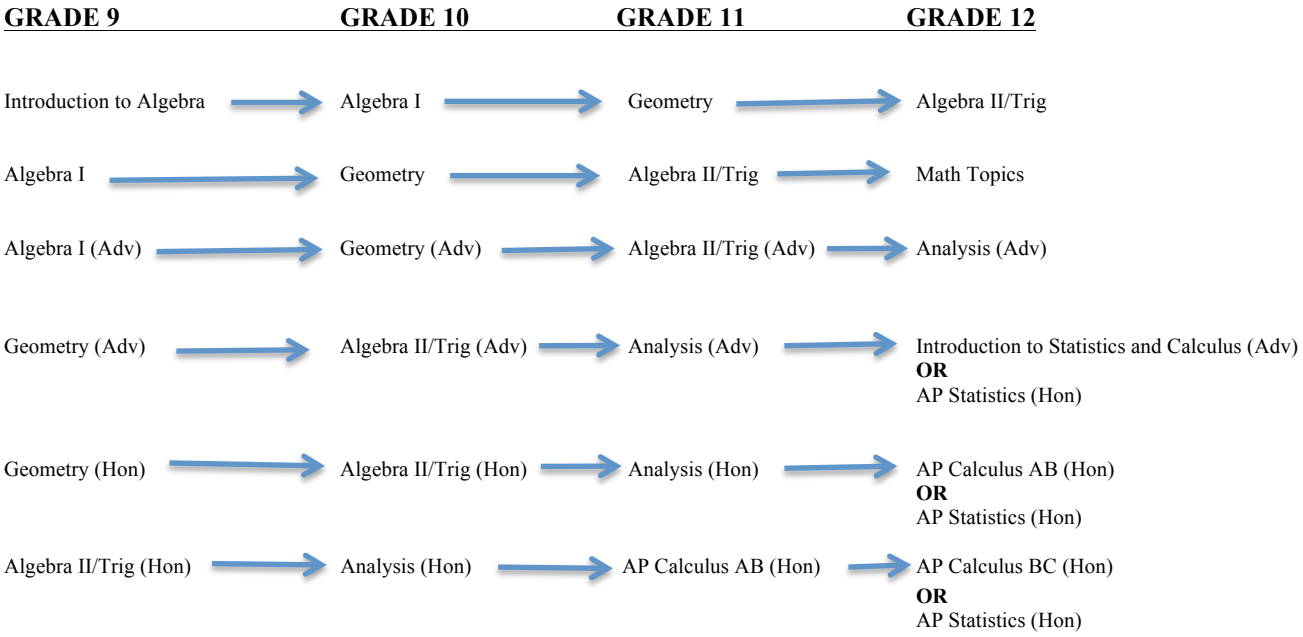
Air Rifle Safety and Marksmanship (Optional): Review range safety procedures and the safe handling of a weapon. Review the steady hold factors, zeroing, sighting adjustment, and the prone, kneeling and standing firing positions. Fire an air rifle by first zeroing it and then firing for familiarization.

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 yearlong.

A teacher recommendation is necessary for placement in an honors course.

Possible Math Sequences:



INTRODUCTION TO ALGEBRA **Yearlong**

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.

Grade 9

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 **Yearlong**

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

Grades 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. **Yearlong**

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 **Yearlong**

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 or demonstration of Geometry competency

Grades 9, 10

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

Grades 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

Grades 11, 12

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

Grades 10, 11

INTRODUCTION TO STATISTICS and CALCULUS - Advanced **Year long**

Statistics will cover descriptive statistics, probability and combinatorics, normal distribution, confidence intervals and experimental design. Students will use current events and news items to build understanding of how statistics are reported (and misreported) in the world around us.

Calculus will expose students to some of the topics in a college level single variable calculus course. Topics to be covered include functions and their graph, limits and continuity, and an introduction to derivatives and integration. This course is not designed to replace a college level Calculus I course.

Prerequisite: Analysis – Advanced

Grade 12

ADVANCED PLACEMENT CALCULUS AB - 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

Grades 11, 12

ADVANCED PLACEMENT CALCULUS BC - Honors **Year long**

This is the next course in the AP Calculus sequence. It will expand on student's knowledge from their first year of Calculus and continue with a study of parametric functions, polar coordinates, sequences and series, and differential equations. Students who take this course will be prepared to take the AP Calculus BC exam.

Prerequisite: AP Calculus AB

Grade 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

Grades 11, 12

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

In accordance with this goal, students may take any Physical Education class multiple times surpassing the four-credit graduation requirement.

Graduation requirement:
Health: one trimester in Grade 9
Physical Education: four trimesters within Grade 9, 10, 11 or 12

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

Physical Education Pass option

All students have the option of taking their Physical Education classes 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 and explanation of the Pass option guidelines.

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 Phy Ed Independent Study are found in the Counseling Office.

Acceptance to the Independent Study program is based on student scheduling needs.

HEALTH **Tri I or Tri II**

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

SUMMER HEALTH CLASS **Summer of 2019**

This summer school course fulfills the one-trimester CDH Health requirement. By taking this required course in the summer, students can free up space during the school year to take other electives that they may be interested in. It will also be a great opportunity to meet many new CDH 9th graders. CDH Health instructors teach this class. Tuition is $150.00 and is due at the 9th grade registration in March.

Please see the 2019 Summer School Guide on the CDH website for more information and the registration form.

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.

Grades 9, 10, 11, 12

INDOOR RACQUET SPORTS **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.

Grades 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 go 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. Students interested in taking this class more than one trimester, can take the classes in trimesters 1 and 2 **or** trimesters 2 and 3.

Some activities will require fees.

Grades 11, 12

RACQUET SPORTS **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.

Grades 9, 10, 11, 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.

Grades 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.

Grades 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

Grade 9, Strength and Conditioning I required.

Grades 9, 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. Students will also work on improving their cardiovascular endurance through different running exercises.

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 Catholic, academics, service, leadership, 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. In addition to the focus of the CDH values, students will learn the foundations of Catholic social teaching. Students will also be introduced to the mystery of Jesus Christ, the Living Word. In learning about why He is, the students will also learn who He calls them to be. It is our goal that students 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:

Hebrew Scripture (tri 1), Christian Scripture (tri 2), and Church (tri 3)

HEBREW 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

CHRISTIAN SCRIPTURE **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 is on the Jesus of history, Gospel Christology’s, 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 it’s 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 I	Tri 1
Faith and Ethics II	Tri 2
One trimester elective	Tri 3

Students may apply to take one, two or three summer religion class offerings.
Applications are found in the Counseling Department and must be turned in to Mrs. Malm in the Main Office by February 1, 2019.
Please see the 2019 Summer School Guide on the CDH website for more information.

Being Christian in the World	June 10-14
Faith and Ethics I	June 17-21
Faith and Ethics II	June 24-28

FAITH AND ETHICS I **Tri I**
FAITH AND ETHICS II **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. Reflecting the Gospel values of Cretin-Derham Hall and rooted in Catholic Social teaching, this course will present the curriculum of the CDH Leadership Academy. Students will learn the CDH operating standards, interpersonal and intrapersonal skills, communication styles, the values or organizational skills and two main types of leadership: Transformational and Servant.

Leadership Academy Project Phase:
Having learned these skills, the students will then decide weather or not to complete a Leadership Project during their senior year. If they complete the 12th grade project and present it to their peers and teachers, they will be awarded a Leadership Academy designation on their transcript and receive on General Elective Credit.

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

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.

Grade 11

PRAYER and CREATIVITY **Tri III**

Prayer and worship are at the heart of the Christian life as is our creative response to God and to our world through the arts. In this course, students will explore their faith by looking at various styles of Christian meditation and and other world religions. This course will explore and utilize many of the arts including writing, music, drawing/painting, acting and dance as a way to express the sacred. Ultimately, this course will challenge the student to deepen their relationship to God and widen their understanding of their creativity as an extension of God's presence in the world.

*An overnight retreat will be offered for this class to be determined by the instructor. The cost will be $100.

Grade 11

WOMEN'S SPIRITUALITY **Tri III**

This course is open to all women who are interested in studying spirituality from a feminine perspective. Using faith as our lens, students will have the opportunity to study how women understand their identity, their ideas of beauty, their relationships with others. And, how they use their lives to lead and influence, to create a more just world. We will explore different styles of prayer and study the contribution of women leaders in the Catholic Christian tradition. This class involves journal writing, creative thinking, presentations/projects, knitting, art, and discussion.

Grade 11

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.

Grade 11

Requirement - Grade 12:

Philosophy/Theology - Honors (tri 1 & 2) and Social Justice - Honors (tri 3) **OR**
Senior Seminar Religion (year long) **OR**
Senior Interdisciplinary Symposium - (Spectrum) – Honors (year long)

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. Year long service will be a part of this course. This course is paired with Readings in Literature-H to allow for the time needed for service on Thursdays.

A 3.5 cumulative GPA is strongly recommended for registration for Philosophy/Theology-Honors.

An overnight retreat is a course expectation. A fee for this retreat will be assessed by the school.

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.

This course with Readings in Literature-H to allow for the time needed for service on Thursdays.

A 3.5 cumulative GPA is strongly recommended for registration for Social Justice-Honors.

Grade 12

SENIOR SEMINAR: GOD'S CALL, OUR RESPONSE **Yearlong**

This yearlong religion course is grounded in the 7 elements of Catholic Social Teaching with a particular emphasis on "Call to Family, Community and Participation" and "Solidarity." Recognizing that "We are one human family whatever our national, racial, ethnic, economic and ideological differences. We are our brothers' and sisters' keepers, wherever they may be," and that "The person is not only sacred but also social. How we organize our society – in economics and politics, in law and policy – directly affects human dignity and the capacity of individuals to grow in community."

In light of the Gospel, Senior Seminar will engage students in thinking critically about issues vital to out world's common good. In addition to classroom study, a key component of the class will be experiential learning involving fieldwork at local elementary schools. Students will be paired with one or more "buddies" serving both as tutor and friend. Further fieldwork will involve students participating in "Dear Neighbor" experiences where they will meet with and learn from members of our local community that they may not otherwise encounter. Additionally, guest speakers will bring real-life experiences into the classroom to help students discern their call and vocation. Students will process their experiences through discussions, written reflections, multiple-intelligence projects and presentations, class retreat and senior speeches.

This course is paired with English 12, English 12-Writing Studio, or Readings in Literature-H to allow for the time needed for service on Thursdays.

An overnight retreat is a course expectation. A fee for this retreat will be assessed by the school.

Grade 12

SENIOR INTERDISCIPLINARY SYMPOSIUM (SPECTRUM) - Honors Year long

Senior Interdisciplinary Symposium is an interdisciplinary course that fulfills the 12th grade requirement for credit in English, and religion. The course also fulfills 2 credits for social studies. Students are required to take Economics or Economics-honors and U. S. Government or AP U. S. Government to fulfill the social studies requirement. This 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.

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

A 3.5 cumulative GPA in English, religion and social studies is strongly recommended for registration for Senior Interdisciplinary Symposium (Spectrum).

St. Mary's University has approved Spectrum as part of its Program for Advanced College Credit (PACC). Twelfth graders who take Spectrum and maintain a "C" average in this class may earn three college credits from St. Mary's which are transferable to over 300 colleges and universities.

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

An overnight retreat is a course expectation. A fee for this retreat will be assessed by the school.

Grade 12

The Science Department of Cretin-Derham Hall provides 7offerings 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.

The most common sequence recommended for college bound students is:

GRADE 9	GRADE 10	GRADE 11	GRADE 12
Science and Engineering *College Prep or* *Advanced or* *Honors*	Biology *College Prep or* *Advanced or* *Honors*	Chemistry *Living by Chemistry or* *Advanced or* *Honors*	Physics *Advanced or* *EPP (U of MN) or* *Honors or AP*

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

Requirement - Grade 9: Science and Engineering

This foundational course introduces students to the engineering process. Students are engaged in challenging activities designed to develop a problem-solving mindset. Students are tasked with designing original solutions to problems while utilizing CAD, computer programming, and other technologies to develop these solutions. Science practices such as experimental design, interpretation of data, and presentation of ideas are integral components of the course. The course is offered at three levels that match students with their math abilities.

SCIENCE and ENGINEERING – College Prep **Year long**

This course is an introductory course designed for students to acquire the tools they need to succeed in all science classes and future college level science courses. This course focuses on the how engineering integrates into science with an emphasis on problem solving. This course will focus on the Engineering Design Process (trimester 1), Physics and Experimental Design (trimester 2) and Microprocessors and Coding (trimester 3).

Grade 9

SCIENCE and ENGINEERING - Advanced **Year long**

At this level, students will be expected to set up mathematical relationships from data obtained in the lab and then discuss how various types of experimental errors will affect the calculated results. This course will focus on Tools of the Trade (trimester 1), Materials Science (trimester 2) and Experimental Design (trimester 3). Students are expected to be able to read for content and comprehension. Students will be expected to develop a high level of independence in setting up data and coming to conclusions through the use of outside projects and reports.

Grade 9

SCIENCE and ENGINEERING - Honors **Year long**

This course is an introductory course designed for students to acquire the tools they need to succeed in all science classes and future college level science courses. This course focuses on the how engineering integrates into science with an emphasis on problem solving. The honors course delves more deeply into topics than in the other levels of the course. Students will be expected to write lab reports, create presentations, and integrate topics from other courses. This course will focus on the Engineering Design Process, Coding, and Measurement (trimester 1); Physics and Experimental Design (trimester 2); and the Periodic Table, Atomic Theory, Electric Circuits, Microprocessors and Coding (trimester 3).

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 - College Prep **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 - Advanced **Year long**

This class will take the topics discussed in Biology – College Prep 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. By the end of the course, students will be able to:

- Explore phenomena and engineering problems as they relate to living things.
- Look at data and empirical evidence to understand and solve problems.
- Develop possible explanations of phenomena or design solutions to problems.
- Communicate reasons, arguments, and ideas to others.

This course will investigate the following topics: Biochemistry, Ecology, Cells, Energenics, Genetics, Reproduction, DNA Technology, Evolution, and Taxonomy.

Prerequisites: Science and Engineering (Advanced or Honors)

Grades 10, 11

ADVANCED PLACEMENT BIOLOGY - Honors **Year long**

This course is designed to be a second year biology course as well as the equivalent of a college introductory biology course. CDH students may take this course as a first year biology course with the understanding that there may be additional learning that is necessary outside of the curriculum if not taken as a second year course. After showing themselves to be qualified on the AP Examination, some students are permitted to undertake upper-level biology courses when they are in college/university. This AP course follows the AP Biology curriculum as determined by the College Board and is divided into four big ideas. BIG IDEA 1: The process of evolution drives the diversity and unity of life. BIG IDEA 2: Biological systems utilize energy and molecular building blocks to grow, to reproduce, and to maintain homeostasis. BIG IDEA 3: Living systems store, retrieve, transmit, and respond to information essential to life processes. BIG IDEA 4: Biological systems interact, and these interactions possess complex properties.

Prerequisites: Science and Engineering for any interested 10th graders and any level Biology course for interested 11th and 12th graders.

AP Chemistry or Honors Chemistry - may be taken concurrently

Grades 10, 11, 12

Environmental Science

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE - Honors **Year long**

APES is a yearlong course designed to be the equivalent of a college environmental science course. Ecological principles, population studies, geology, pollution problems, earth's resources, environmental policy environmental engineering and land management issues are part of what is studied. After showing themselves to be qualified on the AP Examination, some students can receive college credit. Some outdoor field trips are required, as well as a summer assignment.

There is a $130.00 fee for this course that covers the cost of an overnight field trip to an environmental learning center. Costs for other daily field trips will be handled on a trip-by-trip basis (i.e.: Minnesota Zoo).

Prerequisite: Chemistry (or concurrent with this course)

Grades 11, 12

Human Anatomy

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

UNIVERSITY OF MINNESOTA COLLEGE IN THE SCHOOLS PROGRAM (CIS) Yearlong
HUMAN ANATOMY AND PHYSIOLOGY - Honors

Online link: https://cce.umn.edu/human-physiology-technology-and-medical-devices

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 science. All three trimester grades are averages, and if you earn 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 92% 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 with instructor approval.

College in the Schools is accredited by the National Alliance of Concurrent Enrollment Partnerships. Accreditation guarantees that courses offered through CIS are University of Minnesota courses and CIS students earn University of Minnesota credit. High school students taking U of MN courses through CIS are held to the same academic standards as students on the University campus. High school teachers teaching U of MN courses through CIS are selected, trained, and continuously supported by University faculty. *The fee in 2018-209 was $145.00. The University of Minnesota has not yet determined the fee for the upcoming school year.*

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 – College Prep Year long

This course gives the student a foundational chemistry experience. The topics covered are designed to give an overview of chemistry principles that expose the student to concepts that are interdisciplinary across other science classes and provides an introductory knowledge base for those planning to take chemistry in college.

Prerequisite: Algebra 1

Grades 11, 12

CHEMISTRY – Advanced Year long

This course stresses both the qualitative and quantitative aspects of Chemistry. Students will examine chemical and physical properties in lab and in class discussion and will learn both theoretical and practical applications of Chemistry topics that range from significant figures to stoichiometry to gas laws using hands-on active learning and problem solving. The goal of the class is for students to have a general understanding of Chemistry that will help them in college Chemistry classes.

Prerequisite: 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 over 300 colleges and universities.

Prerequisite: Students in this course must be taking Alg2Trig - Advanced or Alg2Trig - Honors concurrently.
Grade 10 students are required to participate in an intensive twenty-hour summer session.

Grades 11, 12

ADVANCED PLACEMENT CHEMISTRY **Yearlong**

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.

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. Successful completion of Algebra is required. 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 over 300 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.

Grades 11, 12

UNIVERSITY OF MINNESOTA COLLEGE IN THE SCHOOLS ENTRY POINT PROGRAM (EPP)

PHYSICS BY INQUIRY – Advanced **Year long**

Online link: https://cce.umn.edu/physics-inquiry

In this yearlong course, students will get an in depth experience involving electricity and light/optics. Students will be working together to solve problems using inquiry based activities and data analysis, focusing on student driven discovery. This course is meant for students who do NOT plan on going into engineering or science-related fields.

This course will fulfill one freshman-level college semester in science. Upon completion of the course and earning a C or higher, the U of MN will award 4 credits. This will be on official transcripts and will be honored at over 90% of universities in the United States.

College in the Schools Entry Point Program (EPP) is accredited by the National Alliance of Concurrent Enrollment Partnerships. Accreditation guarantees that courses offered through CIS are University of Minnesota courses and CIS students earn University of Minnesota credit. High school students taking U of MN courses through CIS are held to the same academic standards as students on the University campus. High school teachers teaching U of MN courses through CIS are selected, trained, and continuously supported by University faculty.

The fee in 2018-2019 was $145.00. The University of Minnesota has not yet determined the fee for the upcoming school year.

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

Grades 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 over 300 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

Grades 11, 12

ADVANCED PLACEMENT PHYSICS - Honors **Year long**

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.

Co-requisites: Calculus must be taken concurrently.

Credit will be awarded only after completion of AP Physics.

Grade 12

Trimester Electives

Students may take one, two or all three of these astronomy courses.
Astronomy can be taken for college prep or advanced credit.

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

This one trimester course will challenge your ideas about the sky and Universe. You may think you have learned all there is in elementary school, but there is so much more to comprehend. The content of this course will enrich your knowledge of the skies and challenge your mind to conceive of things that are out of reach! The solar system includes studying the planets and moons as well as vagabond asteroids and comets.

See Mr. Kaus if you have any questions.

Grades 11, 12

ASTRONOMY: STARS AND CONSTELLATIONS – College Prep **Tri II**
ASTRONOMY: STARS AND CONSTELLATIONS - Advanced **Tri II**

This one trimester course will challenge your ideas about the sky and Universe. You may think you have learned all there is in elementary school, but there is so much more to comprehend. The content of this course will enrich your knowledge of the skies and challenge your mind to conceive of things that are out of reach! This course will look at stars and their life cycles and electromagnetic radiation along with constellations and their mythology.

See Mr. Kaus if you have questions.

Grades 11, 12

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

This one trimester course will challenge your ideas about the sky and Universe. You may think you have learned all there is in elementary school, but there is so much more to comprehend. The content of this course will enrich your knowledge of the skies and challenge your mind to conceive of things that are out of reach! This course will study the Milky Way and other galaxies, quasars, energy sources, cosmology, space-time, black holes, the Big Bang and the search for extraterrestrials. This course is available for advanced credit. See Mr. Kaus if you have any questions.

Grades 11, 12

DNA, FORENSICS & GENETICS - College Prep **Tri II**
DNA, FORENSICS & GENETICS - 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

ENVIRONMENTAL ENGINEERING – College Prep **Tri III**

ENVIRONMENTAL ENGINEERING - Advanced **Tri III**

This trimester - long course will introduce students to sustainable engineering concepts such as studying and finding solutions for air, water and land pollution. In addition, engineering design for agriculture and sustainable technology will be studied. This course can be taken as a trimester elective OR paired with DNA, Forensics and Genetics or other trimester electives to fill out a third or fourth year science course.

Prerequisite: Biology.

Grades: 11, 12 (or 10th graders in Biology with permission from teacher).

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 go 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. Students interested in taking this class more than one trimester, can take the classes in trimesters 1 and 2 **or** trimesters 2 and 3.

Some activities will require fees.

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: A 3.5 cumulative GPA is strongly recommended for registration for an Advanced Placement or Honors course.

SOCIAL STUDIES REQUIREMENT FOR GRADE 9:

Values Symposium-Social Studies (pre-registered)
and one Area Studies elective (one trimester) OR AP Human Geography (two trimesters)

SOCIAL STUDIES REQUIREMENT FOR GRADE 10:

3 trimesters of U.S. History **or** AP U.S. History

SOCIAL STUDIES REQUIREMENT FOR GRADES 11 AND 12:

Required: four social studies classes within grades 11 and 12 to include:

- Economics **or** Economics-honors (Grade 11 or 12) **and**
- AP US Government (two trimesters in Grade 11 or 12) **and**
- 1 Social Studies elective (Grade 11 or 12)

OR

- Economics **or** Economics-honors (Grade 11 or 12) **and**
- US Government (Grade 12) **and**
- 2 Social Studies electives (Grade 11 or 12)

Note: *Senior Interdisciplinary Symposium-honors (Spectrum) in grade 12 fulfills 2 required Social Studies electives in addition to one enrichment Social Studies credit.*

Requirement: Grade 9

Values Symposium-Social Studies (pre-registered)
and one Area Studies elective (one trimester) OR AP Human Geography (two trimesters)

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 Catholic, academics, service, leadership, 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 OR AP Geography must be taken in addition to the required Grade 9 Values Symposium course.

Summer Social Studies Class:

SUMMER MIDDLE EAST CLASS **Summer of 2019**

This summer school class fulfills the one-trimester CDH area studies requirement. Enrollment for this class is limited and is based on student scheduling needs. Priority is given to those students taking band, choir, learning lab or JROTC. Tuition is $200.00 and is due at the 9th grade registration in March.

Please see the 2019 Summer School Guide on the CDH website for more information and the registration form.

Grade 9

Trimester 1

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

MIDDLE EAST **Tri I**

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

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

Trimester 3

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

Trimester 2 and 3

ADVANCED PLACEMENT HUMAN GEOGRAPHY **Tri II and Tri III**

The AP Human Geography course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface.

This AP course presents high school students with the curricular equivalent of an introductory college-level course in human geography or cultural geography. Content is presented thematically rather than regionally and is organized around the discipline's main subfields: economic geography, cultural geography, political geography and urban geography. The approach is

spatial and problem oriented. Case studies are drawn from all world regions, with an emphasis on understanding the world in which we live today.

Students entering an AP Human Geography course should be capable of reading and comprehending texts written at the college level. Students should be able to summarize and evaluate textual information. They should also be able to read and interpret maps and graphic data.

Students entering an AP Human Geography course should possess fundamental skills in composition and inquiry (research). In both short-answer (i.e. one-paragraph) and multi-paragraph essay formats, they should be able to clearly articulate their summaries, analyses, interpretations, and evaluations of information.

Requirement: Students must register for trimesters II and III

Grade 9

Requirement - Grade 10: U. S. History or AP U. S. History

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

UNITED STATES HISTORY **Yearlong**

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 1800s; political changes brought by the depression, two world wars, and the nuclear age will be covered in this course. Students will participate in National History Day.

Grade 10

ADVANCED PLACEMENT UNITED STATES HISTORY **Year long**

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 yearlong 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 U.S. History course focuses on developing students' understanding of American history from approximately 1491 to the present. This course has students investigate the content of U.S. history for significant events, individuals, developments, and processes in nine historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. This course also provides seven themes (American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society) that students explore throughout the course in in order to make connections among historical developments in different times and places.

AP U.S. History is designed to be the equivalent of a two-semester introductory college or university U.S. history course. There are no prerequisites for AP U.S. History. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

Grade 10

Requirement - Grade 11 and 12:

Required: four social studies classes within grades 11 and 12 to include:

- Economics **or** Economics-honors (Grade 11 or 12) **and**
- AP US Government (two trimesters in Grade 11 or 12) **and**
- 1 Social Studies elective (Grade 11 or 12)

OR

- Economics **or** Economics-honors (Grade 11 or 12) **and**
- US Government (Grade 12) **and**
- 2 Social Studies electives (Grade 11 or 12)

Note: *Senior Interdisciplinary Symposium-honors (Spectrum) in grade 12 fulfills 2 required Social Studies electives in addition to 1 enrichment Social Studies credit.*

ECONOMICS - Honors **Tri I**

In this one-trimester course, after an introduction to basic economic concepts, students are guided in a critical analysis of selected economic 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, a strong understanding of Algebra and an interest in developing a better understanding of today's world are essential in this course.

A 3.5 cumulative GPA is strongly recommended for registration for Economics – Honors.

Grades 11, 12

ECONOMICS **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 developing economic reasoning skills and applying economic theory to the real world.

Grades 11, 12

ECONOMICS and ECONOMICS – HONORS: Grade 12 students are given priority at registration for Economics and Economics-honors

UNITED STATES GOVERNMENT **Tri I**

Local, state, and federal government will be covered in this one trimester course. The history and role of political parties as well as the importance of the media will be addressed. Students will observe local and state government in operation.

Grade 12

ADVANCED PLACEMENT U.S. GOVERNMENT - Honors **Tri II and Tri III**

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 11^{th} and 12^{th} grade students. 11^{th} graders would take this course to fulfill their U.S. Government requirement. 12^{th} 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

SENIOR INTERDISCIPLINARY SYMPOSIUM (SPECTRUM) - Honors Year long

Senior Interdisciplinary Symposium is an interdisciplinary course that fulfills the 12th grade requirement for credit in English, and religion. The course also fulfills 2 credits for social studies. Students are required to take Economics or Economics-honors and U. S. Government or AP U. S. Government to fulfill the social studies requirement. This course 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.

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

A 3.5 cumulative GPA in English, religion and social studies is strongly recommended for registration for Senior Interdisciplinary Symposium (Spectrum).
Students will be encouraged to attend and participate in an overnight retreat. Approximate cost: $80.00. Limited 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 (Spectrum), not both. St. Mary's University has approved Spectrum as part of its Program for Advanced College Credit (PACC). Twelfth graders who take Spectrum 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

AFRICAN-AMERICAN HISTORY – College Prep or Honors Tri III

This course is an in depth study of African-American History. It will build upon the 10th grade United States History class, but take a different lens and deepen understanding of African-American contributions to United States History.
This class can be taken at the college prep or honors level.

Grades 11, 12

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 $1,850.00.

Grades 11, 12

DEBATE Tri I

Students explore issues while focusing on preparing arguments 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 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 the 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 to register for International Relations – Honors.

Grades 11, 12

PSYCHOLOGY **Tri II**

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

ADVANCED PLACEMENT PSYCHOLOGY - Honors **Tri II and III**

Advanced Placement Psychology is a 2-trimester class. The AP course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles and phenomena associated with each of the major subfields within psychology. Subfields include the following: History and Approaches, Research Methods, Ethics and Psychology Methods, Biological Bases of Behavior, Sensation and Perception, States of Consciousness, Learning, Cognition, Motivation and Emotion, Developmental Psychology, Personality, Intelligence, Abnormal Behavior, Abnormal Behavior Treatment, and social Psychology.

Numerous colleges and universities will give credit and/or advanced placement to students who do well on the exam.

Grades 11, 12

SOCIOLOGY **Tri II 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 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 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 is an introductory course in Women's Studies. It is an interdisciplinary class combining history and sociology to help students better understand women's experiences of the past and to analyze women's situations today. Topics of discussion include, but are not limited to, women's suffrage, the Equal Rights Amendment, Title IX, equal pay, social concepts of gender, media, intersectionality, stereotypes, and current and international issues.

Grades 11, 12 (females only)

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 multiple languages. 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, Latin, Mandarin or Spanish will be tested or interviewed for proper placement before final registration in language classes.

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 audio and visual aids, 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. This course will only be offered if the minimum number of students registers for it.

Prerequisite: French 402 Advanced, French 403 Honors or teacher permission

Grades 9, 10, 11, 12

LATIN

LATIN 3-4 – Honors

UNIVERSITY OF MINNESOTA COLLEGE IN THE SCHOOLS PROGRAM **Year long**

Online link: https://cce.umn.edu/intermediate-latin-prose

In alternate years, students will study:

(a) Vergil's martial epic, the *Aeneid*. An instant classic in Rome, this quest of Latin poems explores the roots of Roman history in the legendary Greek past of the Trojan War, and the search of the surviving Trojan hero to reach a new home in Italy.

(b) Apuleius' *Metamorphoses.* Our only complete Roman novel, the narrative follows the comic misadventures of an overly educated anti-hero, whose unhealthy curiosity leads to his magical transformation into a donkey.

College in the Schools is accredited by the National Alliance of Concurrent Enrollment Partnerships. Accreditation guarantees that courses offered through CIS are University of Minnesota courses and CIS students earn University of Minnesota credit. High school students taking U of MN courses through CIS are held to the same academic standards as students on the University campus. High school teachers teaching U of MN courses through CIS are selected, trained, and continuously supported by University faculty.

Students in this class may earn four credits annually that will become part of their permanent record at the University of Minnesota, as well as credit at Cretin-Derham Hall. The fee in 2018-2019 was $145.00. The University of Minnesota has not yet determined the fee for the upcoming school year.

Latin 3 & 4 will be a combined course. This is the last year Latin will be offered.

Prerequisite: Latin 2 or instructor's permission

Grades 9, 10, 11, 12

MANDARIN (CHINESE)

MANDARIN 101 - Advanced **Year long**

This is an introduction to Modern Standard Chinese (Mandarin) and to the cultures of China. All four skills areas; listening, speaking, reading and writing will be taught with an emphasis on speaking and listening. Students will learn the Pinyin spelling system as well as be introduced to Chinese characters. Students will learn to introduce themselves and their families and talk about school life. Students will learn about the holidays, arts and crafts of China.

Grades 9, 10, 11, 12

MANDARIN 201 - Advanced **Year long**

This is a continuation of Modern Standard Chinese (Mandarin) 101 and an introduction to the cultures of China. All four skills areas-listening, speaking, reading and writing will be taught with an emphasis on speaking and listening. Students will continue learning the Pinyin spelling system as well as Chinese characters. At this level, students will be able to write out the Pinyin correctly for most of the words they hear, and be able to use the dictionary and website to search for words they want to learn. Also they will have a good mastery of character writing while learning more basic characters, and radicals, to build a very solid foundation for further learning. Students will learn how to express their feelings and their opinions while discussing certain topics.

Prerequisite: Mandarin 101 or instructor's permission

Grades 9, 10, 11, 12

MANDARIN 301 - Honors **Year long**

This is a continuation of Modern Standard Chinese (Mandarin) 201 and an introduction to the cultures of China. All four skills areas-listening, speaking, reading and writing will be taught with an emphasis on speaking and listening. At level 3, students would be able to speak coherently for 3-5 minutes on one topic, to tell a story logically and to discuss the reasons and results of a story. They will have a good mastery of using different tenses correctly. Students can participate in most of the daily conversations and feel free to talk about the topic. Also, they will have a big improvement on reading and writing with Chinese characters.

Prerequisite: Mandarin 201 or instructor's permission

Grades 9, 10, 11, 12

MANDARIN 401 - Honors **Year long**

This is a continuation of Modern Standard Chinese (Mandarin) 301. This class will allow the students to gain a deeper cultural understanding of China. All four skills areas-listening, speaking, reading and writing will be taught with an emphasis on speaking, listening and reading. At level 4, students would be able to speak coherently for 5-7 minutes on one topic and to logically tell and understand a complex story. Students can expect to develop their use of different tenses in written and spoken form. Also, students can expect to engage in deeper and more complex conversations. Students will also develop skills with reading and writing Chinese characters.

Prerequisite: Mandarin 301 or instructor's permission

Grades 9, 10, 11, 12

MANDARIN 501 - Honors **Year long**

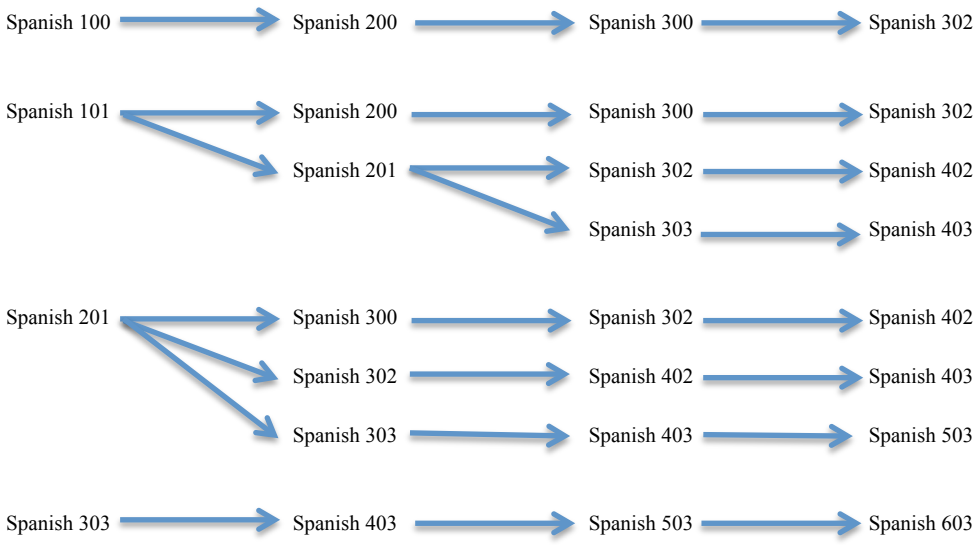
This is a continuation of Mandarin 401 and is designed for students who have completed Mandarin 401 successful at CDH or students who have learned Chinese for 6-8 years before high school and have a desire to advance their competency. This course focuses on helping students develop the ability to create with the language when talking about familiar topics both in routine life and social situations and comprehend practical information accurately in reading and listening. The four skills, speaking, listening, reading and writing, will be more balanced in development as their proficiency moves toward the advanced level.

Mandarin 501 might be offered in a combined class with Mandarin 401 to accommodate student schedules.

Prerequisite: Mandarin 401 or instructor's permission

Grades 9, 10, 11, 12

Possible Spanish Sequences:



SPANISH 100 **Year long**

In this first year course, students are introduced to the four basic language skills: speaking, listening, reading and writing Spanish. Through vocabulary and basic introduction to Spanish grammar, students develop these skills. Students will 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 101 **Year long**

In this first year course, students are introduced to the four basic skills: speaking, listening, reading and writing Spanish. Through the use of multiple intelligences, 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 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. Students will expand their skills of reading, writing, listening and speaking. This 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 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 allows students to practice forms of the present tense and introduces them to the two past tenses in Spanish. This 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 200 or 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 200 or Spanish 201 or 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, as well as gain a deeper grammatical understanding of the Spanish language.

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**

This course is for those students who wish to continue their mastery of the Spanish language. This 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

SPANISH 603 - Honors **Year long**

This course is for those students who wish to continue their mastery of the Spanish language, and provides an opportunity for refinement of skills learned in level 5. This course emphasizes topical discussion and literary works as well as continued composition, culture and history. It will provide advanced preparation for postsecondary study.

This course will be offered with sufficient student enrollment.

Prerequisite: Spanish 503 - Honors, instructor's permission, or test

Grades 10, 11, 12