2018-2019 Curriculum Guide for students entering Grade 9

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 2018-2019 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, 2018.

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 (see page 7).

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 a “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.

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

Plan ahead for courses you want to take.

Physical Education/Health credits for Band/Choir:

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

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.

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: Aan - Gai
Jane Young Mon, Tues, Wed, Fri	696-3324	jyoung@c-dh.org	Last names: Gal-Lew
Kaitlyn Shead	696-3323	kshead@c-dh.org	Last names: Lex-San
Jennifer Vinck Mon, Tues, Thurs, Fri	696-3328	jvinck@c-dh.org	Last names: Sav-Zoo
Chemical Health Counselor			
Gayle Knopik	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
- 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 – required school day devoted to the college planning process including an introduction to the college features of Naviance
- 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, 11, 12

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

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

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.

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.

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Grades 9, 10, 11, 12

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

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

Grades 9, 10, 11, 12

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

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

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 Swift and Objective-C language while using tools such as xCode for programming their apps and graphics programs such as Photoshop for creating design elements used in the 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 **Tri II**

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

Grades 9, 10, 11, 12

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

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

Grade 9

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

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.

Media Communication Arts

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 instead of papers, collages and Power Points. 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

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

CONCERT CHOIR - Advanced **Year long**

This non-audition ensemble is open to all Freshman 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 or Tri III**

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

Grades 9, 10, 11, 12

IMPROVISATION I **Tri III**

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

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

Grades 9, 10

Studio Arts

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

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

Drawing is a lifelong skill that benefits everyone. If you have little confidence in your present skills, you will be able to learn to draw. And if you feel somewhat confident in your ability, you will gain expertise. The emphasis in the beginning class is on observational drawing. Subjects and drawing materials will vary with each assignment.

Grades 9, 10, 11, 12

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

Students will work to increase proficiency in observational drawing as well as portrait and figure work. Students will use a wide variety of drawing materials and work in different formats, sizes and styles.

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

Grades 9, 10, 11, 12

PRINTMAKING **Tri III**

Printmaking 1 is a very hands on art class where students learn printing techniques that 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, wood, metal and textiles.

Prerequisite: Drawing experience beneficial, but not required.

Prerequisite for Independent study and advanced credit: Printmaking 1 and 2 with a grade of "B" or higher

Grades 9, 10, 11, 12

PAINTING I **Tri II or Tri III**

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

Prerequisite: Grades 10 -12, Drawing 1 recommended.

Grade 9, Drawing 1 required.

Grades 9, 10, 11, 12

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

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

JROTC (LET-1) **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: Determine distance and direction to locations on a map and on the ground. Convert azimuths (direction) based upon declination when using a compass together with a map.

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

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

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

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

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

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

Leadership Theory and Application -- Leading Others: Lead the activities of assigned cadet organization, including 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, including the four values that form the basis of trust in organizations, and the four temptations that leaders face. Discuss ethical situations that effect behavior, standards of morality and ethical decision-making in light factors, such as laws, regulations, basic national rights, personal values and institutional pressures.

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.

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

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

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

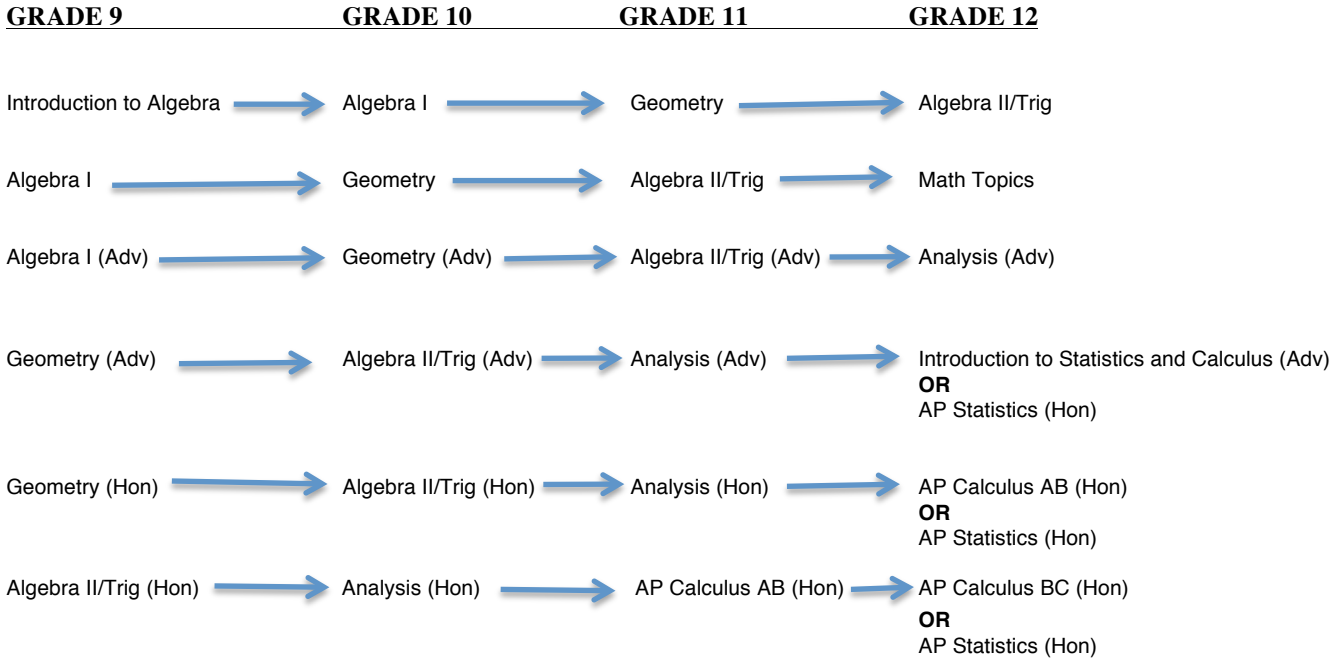
Air Rifle Safety and Marksmanship (Optional): Review range safety procedures and the safe handling of a weapon. Review the steady hold factors, zeroing, sighting adjustment, and the prone, kneeling and standing firing positions. Fire an air rifle by first zeroing it and then firing for familiarization.

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

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

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

Possible Math Sequences:



INTRODUCTION TO ALGEBRA **Year long**

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

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 - 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. – Honors **Year long**

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

Prerequisite: Geometry – Honors or demonstration of Geometry competency

Grades 9, 10

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

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 2018**

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 2018 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

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 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

Grades 9, 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 academics, service, leadership, Catholic, 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

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

Students are encouraged to get a broad background across the various fields of science before specializing in one area. Students who apply to college must be aware that many colleges require three years of science.

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*

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

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

This course is designed for students to acquire the tools they need to succeed in this class and in additional high school and college level science courses. This course will focus on Tools of the Trade (trimester 1), Materials Science (trimester 2) and Experimental Design (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 designed for science oriented students and will include detailed lab work, class discussion, outside reading and projects. Students will move at a vigorous pace and focus on Tools of the Trade (trimester 1), Materials Science (trimester 2) and Experimental Design (trimester 3). Students in this class are expected to have a high aptitude in mathematics and be highly motivated,

Grade 9

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.

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 academics, service, leadership, Catholicity, community, equity, and diversity, this year long course is team taught through the religion, English and social studies departments, and is supported by technology integration. It is our goal that students will learn more effectively by connecting traditionally separate subjects, providing a more natural educational process in preparation for life-long learning. Important aspects of this course include the building of relationships among the students and between students and their teachers, developing critical thinking and communication skills and encouraging informed citizenship and active participation in the CDH community.

Grade 9

Area Studies Electives: Grade 9

One area studies elective 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 2018**

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 $150.00 and is due at the 9th grade registration in March.

Please see the 2018 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

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 303 Honors, French 402 Advanced or French 403 Honors

Grades 9, 10, 11, 12

LATIN

LATIN 1 – Advanced **Year long**

Volcano! Werewolf! Corrupt politicians! Latin I has it all. Follow a family's adventures in North Africa, Roman Britain, and the doomed city of Pompeii. Learn your English roots and become a better writer (and reader). Study Spanish before it was Spanish. Time travel two thousand years into the past. Students focus on reading and understanding Latin using the Cambridge Latin course. Electronics are well integrated. Everyone is welcome. Challenge yourself.

Grades 9, 10, 11, 12

LATIN 2 – Advanced **Year long**

Students will continue their study of the Latin Language through the Cambridge Latin course. Narratives focus on Roman Britain and Rome itself. Students complete their acquisition of basic grammar and prepare to read authentic Latin material in levels 3-4.

Prerequisite: Latin 1 or instructor's permission

Grades 9, 10, 11, 12

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 2017-2018 was $145.00. The University of Minnesota has not yet determined the fee for the upcoming school year.

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

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University faculty.

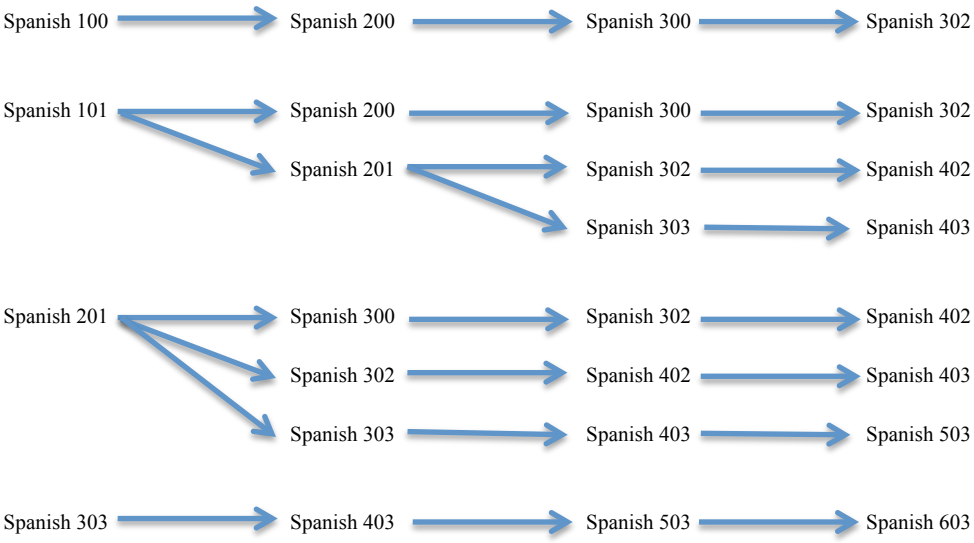
Students in this class may earn four credits annually that will become part of their permanent record at the University of Minnesota, as well as credit at Cretin-Derham Hall. The fee in 2017-2018 was $145.00. The University of Minnesota has not yet determined the fee for the upcoming school year.

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 11, 12 only