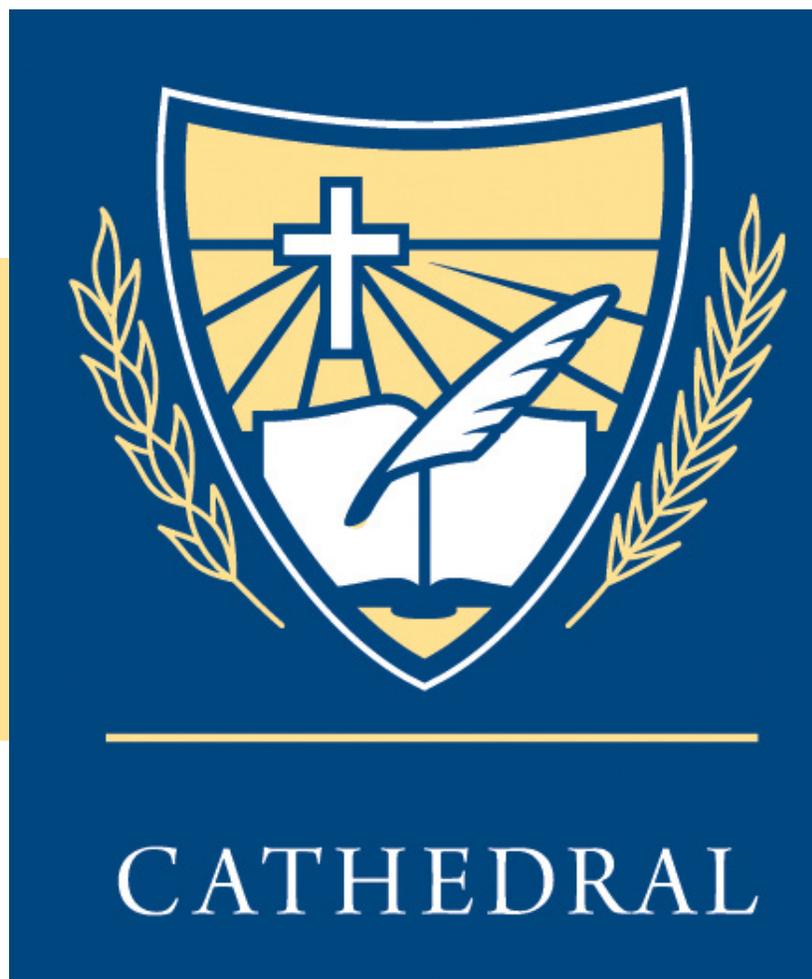


Cathedral

312 North 7th Avenue
St. Cloud, MN 56303



Course Catalog 2021-2022

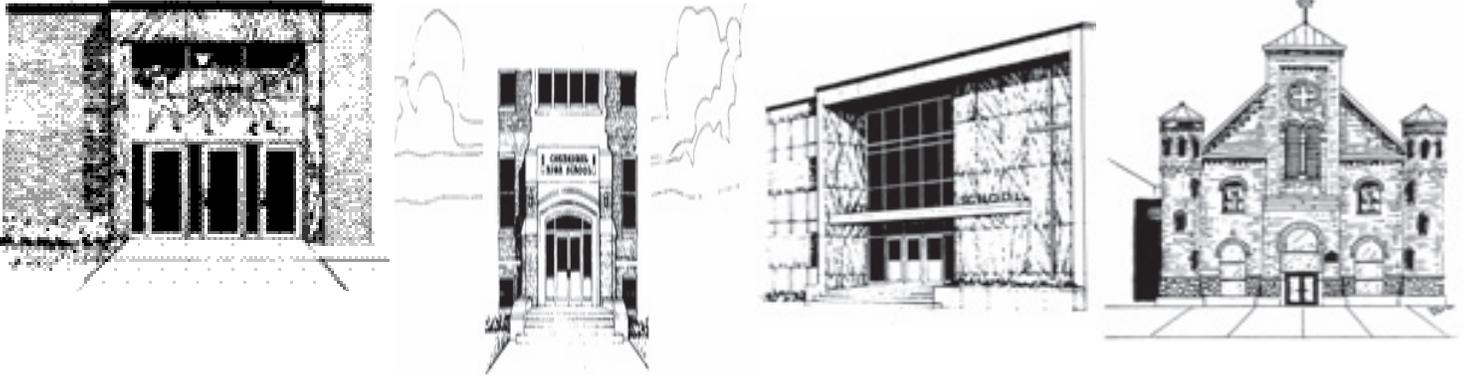
TABLE OF CONTENTS

Grades 7 & 8

Athletic Programs.....	Pg. 11
Co-Curricular Activities.....	Pg. 10
Course Offerings	
Engineering.....	Pg. 6
English	Pg. 6
Interdisciplinary.....	Pg. 6
Mathematics.....	Pg. 6
Performing Arts.....	Pg. 7
Physical Education and Health.....	Pg. 7
Science.....	Pg. 7
Social Studies.....	Pg. 8
Theology.....	Pg. 8
Visual Arts.....	Pg. 8
World Language.....	Pg. 9
Course Requirements.....	Pg. 5

Grades 9-12

Advanced Placement Program.....	Pg. 29
Athletic Programs.....	Pg. 28
Co-Curricular Activities.....	Pg. 27
Course Offerings	
Business.....	Pg. 13
Engineering.....	Pg. 13
English.....	Pg. 14
Interdisciplinary.....	Pg. 16
Mathematics.....	Pg. 17
Performing Arts.....	Pg. 18
Physical Education and Health.....	Pg. 19
Science.....	Pg. 20
Social Studies.....	Pg. 21
Theology.....	Pg. 23
Visual Arts.....	Pg. 23
World Language.....	Pg. 24
Course Requirements.....	Pg. 12
Course Changes.....	Pg. 3
High School Preparation and College Entrance Requirements.....	Pg. 29
Mission Statement.....	Pg. 2
Registration Information.....	Pg. 3
Registration Procedures.....	Pg. 3



THE CATHEDRAL MISSION

Inspired and informed by Catholic tradition, our mission is to educate people while inspiring them to virtuous lives.

CATHOLIC COMMUNITY SCHOOLS E-12 MISSION

The mission of Catholic Community Schools is to strengthen the Catholic Church and society by educating her people at an unparalleled level of excellence while teaching, sharing, and living the gospel message of Jesus Christ.

HISTORY

The Holy Guardian Angels Cathedral School was founded in 1884 as a natural extension of the then-Cathedral of the Diocese of St. Cloud. Over the years the school enrolled children of all ages who were from what would later become the greater metropolitan area of Central Minnesota. Throughout the school's first seventy-five years, Cathedral conducted educational programs for primary, elementary, intermediate, middle, and high school students – college bound and vocational. In 1937 the Cathedral of the Diocese was moved from Holy Guardian Angels to The Church of The Immaculate Conception, aka St. Mary's, but The Cathedral School kept its name. In the early 1960s the primary, elementary, intermediate, and middle school-age students were assigned to neighboring Catholic schools as Cathedral's grades #9 - #12 exploded to nearly 1,500 students as a result of the post-World War II baby boom and the popularity of Catholic education. The grades #9 - #12-only approach lasted for less than a decade when in 1971 grades #7 and #8 were added back into the program. Since 1971 Cathedral has featured that same six-grade configuration.

In 2011 a merger agreement was reached with Sts. Peter, Paul and Michael School to have its grade #7 and #8 students enrolled at Cathedral following grade #6. This was the last remaining Catholic School in the area with a program that extended beyond grade #6.

In 1978 a group of forward-thinking leaders, led by local attorney, Gerald Thoreen, with the support of Bishop George Speltz and a number of pastors, established The Cathedral High School Education Foundation as a Trust with just one mission: Support Cathedral High School.

Since the first \$10 gift in 1978 the fund has grown while also providing millions of dollars of cumulative support to the school's students. A Board of Trustees, appointed by Cathedral's Board of Directors, is responsible for the fiduciary stewardship and management of the assets of the Foundation.

The Cathedral President, appointed and employed by Cathedral's Board of Directors, is the staff person assigned to work with the Board of Trustees in the fulfillment of its duties.

Welcome to Cathedral

REGISTRATION INFORMATION

All full-time students at Cathedral must take at least 6.5 credits per year. Students are required to take a minimum of 3.25 credits per semester.

Over the four years of high school a student must earn 26 credits in the following courses:

- 2 credits in world language
- 3.5 credits in theology
- 4 credits in English
- 3 credits in social studies
- 3 credits in mathematics
- 3 credits in science
- 1 credit in physical education
- .5 credit in health

Balance of credits in elective courses to acquire 26 credits total

Students are also required to complete 70 hours of service in order to graduate.

REGISTRATION PROCEDURES

1. Study the course catalog. Know what courses are available and check that you have met the prerequisite for each course.
2. Discuss choices with your parents /guardians and the school counselor.

Current Cathedral students will turn in their course registration forms and register for courses during the school day.

A registration night will be held for all new students to register for classes and for any current students who may have questions about course registration.

3. The school reserves the right to drop a course due to insufficient enrollment. The course dropped will be substituted with one of the student's alternative choices.

COURSE CHANGES

Requests for course changes should be submitted prior to the start of the 2021-22 school year and require the consent of parent(s)/guardian(s) and school administration. This consent does not guarantee that the requested change will be made to the student's schedule. After the second week of the semester, no courses may be dropped from a student's schedule. If registered for a year long course (2 semesters), a student is expected to remain enrolled in the course for the entire year.

Obvious errors or conflicts in scheduling will be corrected immediately. In certain circumstances, a student will, upon recommendation of the teacher, be changed to a different level of a course if past performance and testing indicate the change should help the student.

Cathedral Middle School Program

The Cathedral Middle School program is located downtown on the The St. Cloud Cathedral campus. We have just over 200 hundred students in grades 7-8. Through our small class sizes, our teachers and administrators strive to provide high quality instruction and assessment through a rigorous curriculum allowing leadership and organization to flow around culture, faith, and community.

The Crusader Class is a unique class for 7th and 8th grade students. During this class, the students will have the opportunity to choose and explore mini-classes that include World Languages, Campus Ministry and Service, Student Government and Leadership, and other kinesthetic learning activities. In addition to these monthly min-classes, the students will engage in social and emotional learning activities, study halls, assemblies, and special activities.

As middle school educators, we recognize the nature of young adolescents and their unique way of learning. Middle Level students have different and varied learning needs. The following characteristics are from the Association of Middle Level Education (AMLE). Cathedral has integrated these characteristics in the middle school program.

Curriculum, Instruction and Assessment

- Educators value young adolescents and are specifically licensed to teach them
- Students and teachers are engaged in active, purposeful learning
- Our curriculum is challenging, exploratory, integrative and relevant
- Small class sizes allow educators to use multiple learning and teaching approaches
- Varied and ongoing assessments advance learning as well as measure it

Leadership and Organization

- A shared vision developed by the Cathedral community guides every decision
- Leaders are committed to and knowledgeable about this age group, educational research and best practices
- Our middle school leadership team demonstrate courage and collaboration
- Our teachers regularly participate in professional development to continue educational practices
- Cathedral's small class sizes foster purposeful learning and meaningful relationships

Culture and Community

- Our faith-filled school environment is inviting, safe, inclusive and supportive of all
- Every student's academic and personal development is guided by an adult advocate utilizing Skills for Adolescence course, Crusader Class, and Cathedral counselors
- Comprehensive guidance and support services meet the needs of young adolescents personally, socially, and academically
- Health and wellness are supported in curricula, school-wide programs, professional speakers, and small group activities.
- Cathedral actively involves families in the education of their children
- Cathedral collaborates with community and business partners to enhance our curriculum and provide service-learning opportunities.

Grade 7 & 8 COURSE REQUIREMENTS

SEVENTH GRADE

REQUIRED SEVENTH GRADE COURSES (Pages 5-8)

ART	1/2 credit
ENGLISH: Grade 7 English/Literature	2 credits
HEALTH: Health 7 Skills for Adolescence	1/2 credit
INTERDISCIPLINARY: Crusader Class 7	
MATH: Pre-Algebra Prep, Pre-Algebra, Linear Algebra or Intermediate Algebra	1 credit
MUSIC: Grade 7 & 8 Band, Grade 7 & 8 Choir, or Grade 7 & 8 String Ensemble	1/2 credit
PHYSICAL EDUCATION: Phy-Ed Grade 7	1/2 credit
SCIENCE: Life Science.....	1 credit
SOCIAL: American History	1 credit
THEOLOGY: Exploring the Old Testament.....	1/2 credit

EIGHTH GRADE

REQUIRED EIGHTH GRADE COURSES (Pages 5-8)

ENGLISH: Grade 8 English/Literature	1 credit
INTERDISCIPLINARY: Crusader Class 8	
MATH: Pre-Algebra Prep, Pre-Algebra, Linear Algebra, Intermediate Algebra or Geometry	1 credit
PHYSICAL EDUCATION: Phy-Ed Grade 8	1/2 credit
SCIENCE: Earth Science.....	1 credit
SOCIAL: Geography 8	1 credit
THEOLOGY: Exploring the New Testament	1/2 credit

Course Offerings Grade 7 & 8

Engineering

ELECTIVE

Gr. 8	Computer Coding
Gr. 8	Computer Science Discoveries
Gr. 8	Gateway to Engineering & Design

Computer Coding Gr. 8 1/2 credit
(2461)

This course will build on the skill sets gained in CSD (web, game & app design). The course will focus on learning various computer languages, as well as other topics in computer science.

Prerequisite: Completion of Computer Science Discoveries

Computer Science Gr. 8 1/2 credit
Discoveries (1459 or 2459)

Computer Science Discoveries is an introductory computer science course. It will include coding (programming), web design, interactive games, animation, data analysis and more! This class will “empower students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun.”

Gateway to Engineering Gr. 8 1/2 credit
and Design

One semester every day (1195)

All year every other day (1196 & 2196)

This is a Project Lead the Way course. Students apply the design process to solve problems and understand the influence of creativity and innovation in their lives. They work in teams to complete design challenges. Students create virtual images of designs and learn to use the same software as industry professionals. Students learn about mechanical systems, energy transfer, machine automation, and computer control systems. Students use the VEX Robotics platform to design, build, and program real-world objects such as traffic lights, toll booths, and robotic arms.

English

REQUIRED

Gr. 7	English/Literature
Gr. 8	English/Literature

Grade 7 English/Literature Gr. 7 1 credit
(1610 & 2611)

English/Literature teaches basic composition, grammar, and usage skills. Students learn to use the writing process to generate, develop, and organize short writing assignments. Collaborative work is a constant and projects a staple of the class. From writing fictional narratives to original screenplays, students learn to share their creativity and knowledge with their peers. Students will use a wide variety of technology to enhance their work, with a special emphasis on mastering iMovie. Using a wide array of both online and text sources, students read a variety of literature. This includes novels, poetry and plays just to name a few. Students will learn the building blocks of reading and writing in an engaging and challenging 21st century classroom.

Grade 8 English/Literature Gr. 8 1 credit
(1616 & 2617)

English/Literature 8 presents the basics of composition, grammar and usage, with heavy concentration on the writing process. Students’ writing is honed through the use of daily writing, reports, modeling, and reading aloud. Vocabulary is taught separately using a textbook. Literature focuses on thematic units to which students can relate and which give them an opportunity to think critically about the world in which they live. Two novels are studied in detail, enhanced with theater productions, media, and non-fiction. Independent reading is also a required component of the class. Various short stories, non-fiction, poetry, creative writing, and mythology are taught as literary forms; each stresses writing.

Interdisciplinary

ELECTIVE

Gr. 7	Crusader Class - Grade 7
Gr. 8	Crusader Class - Grade 8

Crusader Class-Grade 7 Gr. 7
(1997 & 2997)

Crusader Class-Grade 8 Gr. 8
(1991 & 2991)

During this class, the students will have the opportunity to choose and explore mini-classes that include World Languages, Campus Ministry and Service, Student Government and Leadership, and other kinesthetic learning activities. In addition to these these monthly min-classes, the students will engage in social and emotional learning activities, study halls, assemblies, and special activities.

Math

All 7th grade students must take a mathematics placement test. The results of this test and previous performance will be used to determine the class into which the student will be placed. If a student is placed in an accelerated math course, that student must maintain a “B” to stay in their accelerated course.

REQUIRED

Students will fit into one of the following sequences:

The Four Paths of Math

7th Grade	8th Grade
Pre-Algebra Prep ----->	Pre-Algebra
Pre-Algebra ----->	Linear Algebra
Linear Algebra ----->	Intermediate Algebra
Intermediate Algebra ----->	Geometry

Pre-Algebra Prep Gr. 7-8 1 credit
(1212 & 2213)

This course covers number operations with integers, fractions and decimals, basic introductory algebra, proportions, percents, coordinate grids and geometry.

Pre-Algebra Gr. 7-8 1 credit
(1658 & 2659)

This course covers algebraic reasoning, integers, decimals, fractions, proportions, percents, data analysis, probability, measurement and geometry.

Linear Algebra Gr. 7-8 1 credit
(1656 & 2656)

This course is in the regular sequence for 8th graders and the accelerated sequence for 7th grade. Topics include integers, rational numbers, simplifying multi-variable expressions, multi-step equation solving, graphing linear equations, properties of exponents, and probability. **ACCELERATED STUDENTS MUST MAINTAIN A “B” TO STAY IN THIS COURSE.**

Intermediate Algebra Gr. 7-8 1 credit
(1204 & 2204)

This course is in the accelerated sequence for 7th and 8th graders. Areas of concentration are equation solving and graphing.

Grade 7 & 8

Linear, quadratic, exponential, and rational relationships are introduced. Each student needs a scientific, non-graphing calculator. **ACCELERATED STUDENTS MUST MAINTAIN A "B" TO STAY IN THIS COURSE.**

Geometry (1214 & 2215) Gr. 8 1 credit
This course is the study of points, lines, planes and solids and the examination of their properties, measurements and mutual relationships in space. Formal proofs, congruency, similarity, right triangle trigonometry, coordinate geometry, area and volume of figures are some of the topics covered. Geometry Sketchpad will be used to discover and explore geometric principles.

Performing Arts

REQUIRED

Gr. 7 All 7th graders are required to take one of the following year long music courses:
Band, Grade 7 & 8 Choir, or Grade 7 & 8 String Ensemble

ELECTIVES

Gr. 7-8 Introduction to Theatre Arts
Gr. 8 Grade 7 & 8 Band
Gr. 8 Grade 7 & 8 Choir
Gr. 8 Grade 7 & 8 String Ensemble

Grade 7 & 8 Band Gr. 7-8 1/2 credit
(1681 & 2681)

Full year elective for 1/2 credit. All Grades 7 & 8 band students participate in this band. Band meets every other day in the CHS instrumental rehearsal room. All students also receive individual or small group lessons during school. Performances include a fall and spring concert, and other special events. All students must have had at least one prior year of instrument lessons.

Grade 7 & 8 Choir Gr. 7-8 1/2 credit
(1687 & 2688)

Full year elective for 1/2 credit for grade 7 and 8.

Do you love to sing, kinda like it, or maybe even just hum in the shower? Then middle school choir is the place for you! This choir is designed to provide challenging and fun choral experiences, all while students' voices are in the process of changing and growing. Rehearsals focus on basic vocal technique, music literacy, music theory, two to three-part singing, and most importantly, having fun while doing it. Middle school choir performs approximately three times per year.

Grade 7 & 8 String Ensemble Gr. 7-8 1/2 credit
(1683 & 2683)

Are you interested in developing a rare and in demand talent? This is the music class for you! It is open to students that have never picked up a violin, viola, cello, or bass to those that have had a few years experience through elementary strings. Orchestra is a unique place to explore a wide variety of music from classical to music from the movies to pop/rock. We will also focus on music theory, music history, and learn about a wide range of composers. All students receive individual weekly lessons and have two performances throughout the year.

Introduction to Theatre Arts I (1175) Gr. 7-8 1/2 credit
Introduction to Theatre Arts II (2175)

(Students can take both 1175 and 2175 in one grade or take one in grade 7 and the other one in grade 8)

The goal of this course is to give students the basic skills in all aspects of theatre. During this course students will receive an introduction into Technical Theatre (ie. Backstage Work, Set Design, Lighting Design, and Construction), Dramatic Structure, and Dramatic Literature. In addition to text based work, students will learn the practical application of the dramatic form via monologues, duets, and scenes from some of the Theatre's most well known and respected plays. Students will also write, practice and perform their own play.

Physical Education & Health

REQUIRED

Gr. 7 Health 7 Skills for Adolescence
Gr. 7 Physical Education
Gr. 8 Physical Education

Health 7 Skills for Adolescence (1680) Gr. 7 1/2 credit

Skills for Adolescence helps young people learn to deal with the challenges of our complex society by offering growth experiences and teaching specific coping skills. The program places special emphasis on preventing drug and alcohol abuse and related problems. It is based on the premise that the time to address these problems and keep them from hurting young people is before they start.

Physical Education Grade 7 (1677 & 2677) Gr. 7 1/2 credit

Physical Education Grade 8 (1676 & 2676) Gr. 8 1/2 credit

This co-ed program includes a variety of units making it possible for all students to learn many skills as well as rules and strategies of the activities. Emphasis is placed on enjoyment and good sportsmanship. The following are examples of units included in the curriculum: team building, juggling, bowling, fitness, and many individual and team sports.

Course fee: \$18.00 for bowling

Science

REQUIRED

Gr. 7 Life Science
Gr. 8 Earth Science

Life Science (1700 & 2701) Gr. 7 1 credit

Life Science course work is an active process of scientific inquiry designed to help students understand and respect the complex organization of living things. Students will explore the living world beginning with the diversity of cells and continuing through the complexity of animals and plants.

Earth Science (1400 & 2401) Gr. 8 1 credit

Earth Science is the search for knowledge about the Earth and the universe around it. This course focuses on scientific inquiry, the analysis of data, and the understanding of Earth processes. The course is broken down into three main components: Astronomy, Meteorology and Geology.

Grade 7 & 8

Social Studies

REQUIRED

- Gr. 7 American History
- Gr. 8 Geography 8

ELECTIVE

- Gr. 8 What's Trending
-

American History Gr. 7 2 credits (1710 & 2711)

This course will cover US History from the indigenous people that first inhabited the continent through modern America. Along the way, students will draw comparisons between different periods of our history, including events occurring today. Students will complete numerous interactive activities, including mapping, presentations, and analysis of primary and secondary sources. Students will develop strong writing, analysis, and critical thinking skills throughout the course.

Geography 8 Gr. 8 1 credit (1712 & 2713)

Geography for grade 8 will be a study of the physical and human geography of the nations/regions of the Western Hemisphere and Europe. Human & environmental issues will be explored using case studies.

What's Trending Gr. 8 1/2 credit (2453)

This course will examine local, state, national, and international current events. Students will develop an appreciation and understanding of various viewpoints and the implications they have on today's world. This course may include field trips, guest speakers, and presentations.

Theology

REQUIRED

- Gr. 7 Exploring the Old Testament
 - Gr. 8 Exploring the New Testament
-

Exploring the Old Testament Gr. 7 1/2 credit (1694 & 2694)

The purpose of this course is to introduce students to how the Bible was formed, explore types of literature within the Bible, connect with key Old Testament figures, and recognize covenants that point to the New Testament. Students will gain confidence in navigating through the Bible and practice comprehension strategies for understanding the meaning of passages they look up. Additionally, they will see that the Old and New Testament are one testimony of faith through covenants and prophecies found throughout the Bible.

Exploring the New Testament Gr. 8 1/2 credit (1695 & 2695)

The purpose of this course is to cultivate a love of God through seeing the entire narrative of salvation unfold as we study the New Testament and recall the prophecies, key figures, events, and covenants of the Old Testament that led up to the story of our salvation. Additionally, we'll focus on our personal mission to continue knowing the faith in heart and mind in order to evangelize the good news.

Visual Arts

REQUIRED

- Gr. 7 Grade 7 Art

ELECTIVE

- Gr. 8 Intro to Art
-

Grade 7 Art (2603) Gr. 7 1/2 credit

The students will work with several mediums. Experimentation at this level is crucial to further develop the right side of the brain. Students will touch upon the elements and principles of design. They also will be introduced to many artists and their techniques.

Intro to Art (1604 or 2604) Gr. 8 1/2 credit Intro to Art (every other day) (1607 and 2607)

(8th grade students in music can take this every other day course all year. The course would be scheduled opposite their music class.)

Eighth grade students will enhance their knowledge of the art elements and principles of design with their imagination and creativity by expressing themselves in a tangible, visual way. Various two and three dimensional activities are designed for decision making and problem solving. Students are encouraged to stretch their imagination, exercise and develop their skills, and increase their critical thinking and creative problem solving abilities.



Grade 7 & 8

World Languages

Our 7th grade World Languages Exploratory program introduces students to various World Languages and the cultures of people who speak them. The purpose for these exploratory classes is to help students understand and appreciate diversity within our world, build awareness for the value of learning another language, and increase motivation for future language study. Students learn about greetings, holidays, family life, food, and everyday expressions in a highly engaging, interactive setting. The seventh-grade student will begin to understand the process of second language acquisition and will be able to make a more informed choice as to which language he/she would like to study the following year. Students must complete at least two courses (Level I and Level II) in the same World Language. Further studies in a World Language are highly encouraged.

ELECTIVES

Gr. 7	Middle School Spanish
Gr. 8	American Sign Language I
Gr. 8	Chinese I
Gr. 8	German I
Gr. 8	Middle School Spanish II
Gr. 8	Spanish I

Middle School Spanish (1620 & 2620) Gr. 7 1/2 credit

This Spanish course will review basic conversation about food, family, traveling, transportation, and sports as well as basic grammatical structures of the language.

Students will be able to study Spanish every other day for the entire year. Upon successful completion of the course, as well as an assessment, students will continue their studies in Spanish 2.

In order to enroll in Middle School Spanish, students must have significant course work in Spanish and be able to pass a Spanish assessment test administered by Cathedral.

Students taking Middle School Spanish will be required to take three years of Spanish or meet our CHS World Language requirement by taking at least two years of a different world language.

American Sign Language I (1276 & 2276) Gr. 8 1 credit

This is a beginning level course in American Sign Language (ASL). It introduces students to the fourth most commonly used language in the U.S.. Students will learn basics of ASL including; grammar, sentence structure, vocabulary, finger spelling, numbers, and begin building conversational skills in the target language. Students will be introduced to deaf culture. Students learning will be enhanced through projects, presentations, skill-building activities and games. ASL has been recognized by the state as fulfilling the foreign language requirement for high school graduation plans.

Chinese I (1240 & 2241) Gr. 8 1 credit

In Chinese I the emphasis is on oral communication first. Students will be able to understand & participate in conversations and narratives about several topics in Chinese: greetings, self-introductions, and how to ask dates and time. They will be able to talk and write about themselves, their families and their hobbies. They will be able to write more than 200 Chinese characters, which is building a solid foundation for future study. Besides learning the language, they will have many opportunities to learn about Chinese culture and Chinese people, for instance, Chinese Kungfu and Chinese Calligraphy.

German I (1250 & 2251) Gr. 8 1 credit

In Level 1 German, we concentrate on speaking skills in the home and school setting. Level 1 students will be able to greet others students, talk about their friends and families, and what they like to do in their free time. Students will be able to meet basic needs like ordering food in a restaurant, buying clothes or school supplies. They will also learn writing skills based on these topics and reading skills on a practical level in the form of signs, advertisements, short menus, etc.

Middle School Spanish II (1622 & 2622) Gr. 8 1 credit

Middle School Spanish 2 is a course offered to 8th graders who have successfully completed MS Spanish, and at the recommendation of their teacher. It is intended to prepare students to take Spanish 3 during their freshman year.

Emphasis is placed on increased development of speaking, listening, reading and writing skills. Topics covered include: Spanish speaking country celebrations, pastimes, vacations, shopping, daily routines and dining.

Note: This course does not fulfill high school world language requirements, rather it enables students to begin their freshman year with Spanish 3, working toward the goal of language fluency.

Spanish I (1260 & 2261) Gr. 8 1 credit

In Spanish 1, students will make connections to their lives and to the practices and perspectives of Spanish-speaking cultures through a study of a variety of topics, including information about yourself and others, the school day, your family, places to visit, activities, modes of transportation, and eating preferences. Throughout the study of these topics, students will focus on the three modes of communication: interpretive, interpersonal, and presentational. By the end of the course, students will be able to converse with other students about the topics listed above, interpret and understand parts of readings and video/audio clips about these topics, and write and present about these topics.

Grade 7 & 8 Activities

Please visit <https://cathedralcrusaders.org> and click on the student life tab for more info on each activity.

Art Club
Bowling
Campus Ministry
Drama/Theatre
Jazz Band
Math Counts
Memory Book
Orchestra
Speech
Student Council
Trap Club
Ultimate Frisbee

*New Clubs such as Anime Club, and more are being added each year!

*Some clubs/activities have a fee associated with them. Registration takes place online for most activities. Fee scholarships are available if you need assistance.

Over 95% of our students are involved in at least one sport or club!

If you need more information, please see our website or contact the Activities Office:

Emmett Keenan: 320-257-2130

Julie Murphy: 320-257-2120

Grade 7 & 8 Athletics

Please visit <https://cathedralcrusaders.org> and click on the student life tab for more info on each sport

Fall:

Boys & Girls Cross Country
Performance Dance Team
Boys & Girls Soccer
Girls Swim & Dive
Girls Tennis
Volleyball
Football

Winter:

Boys & Girls Hockey (if not still in youth hockey)
Boys & Girls Alpine Ski
Boys & Girls Nordic Ski
Boy & Girls Basketball
Competition Dance Team
Boys Swim & Dive
Wrestling

Spring:

Boys & Girls Track & Field
Boys & Girls Lacrosse
Boys & Girls Golf
Boys Tennis
Softball
Baseball

Over 95% of our students are involved in at least one sport or club!

*All athletics have a fee associated with them. Registration takes place online. Fee Scholarships are available if you need assistance.

If you need more information, please see our website or contact the Activities Office:

Emmett Keenan: 320-257-2130

Julie Murphy: 320-257-2120

Grades 9 - 12

COURSE REQUIREMENTS

Listed below are the required classes for each grade level. Students need to register for a minimum of 3 1/4 credits per semester (a combination of required and elective courses).

FRESHMAN

REQUIRED FRESHMAN COURSES

ENGLISH: Literature/Composition/Reading 9	1 credit	p. 16
HEALTH: Health I	1/2 credit	p. 20
MATH: College Prep Algebra, Intermediate Algebra, Linear Algebra or Geometry	1 credit	p. 18
PHYSICAL EDUCATION: Physical Education I (<i>Can be taken freshman or sophomore year</i>)	1/2 credit	p. 20
SCIENCE: Physical Science.....	1 credit	p. 21
SOCIAL: World Geography (1/2 credit) or AP Human Geography (1 credit).....	1/2 - 1 credit	p. 23
THEOLOGY: Gospels: The Revelation of Jesus Christ in Scripture	1/2 credit	p. 24
Christology: Who is Jesus Christ?	1/2 credit	p. 23
*WORLD LANGUAGE: (Required to complete a Level I and II of the same language).....	1 credit	p. 24-25

SOPHOMORE

REQUIRED SOPHOMORE COURSES

ENGLISH: Language Arts 10	1 credit	p. 16
MATH: College Prep Algebra, Geometry, Informal Geometry, Intermediate Algebra, or Pre-Calculus.	1 credit	p. 18
PHYSICAL EDUCATION: Physical Education I (<i>If not taken freshman year</i>) or <i>Physical</i> Physical Education II (<i>Can be taken sophomore, junior or senior year</i>)	1/2 credit	p. 20
SCIENCE: AP Biology, Biology I or Chemistry	1 credit	p. 20-21
SOCIAL: Government	1/2 credit	p. 23
THEOLOGY: Paschal Mystery: The Mission of Jesus Christ.....	1/2 credit	p. 24
Sacraments: Privileged Encounters with Jesus Christ	1/2 credit	p. 24

JUNIOR

REQUIRED JUNIOR COURSES

ENGLISH: Expository Writing-Am. Literature or AP English, Literature and Composition	1 credit	p. 14-15
MATH: Algebra II, AP Calculus AB, College Prep Algebra, Informal Geometry, or Pre-Calculus	1 credit	p. 18
PHYSICAL EDUCATION: Physical Education II (2328) <i>If not taken sophomore year</i>	1/2 credit	p. 20
**SCIENCE: (Choose from electives)	1 credit	p. 20-21
SOCIAL: United States History.....	1 credit	p. 23
An economics class (1/2 credit) is required. This can be taken as a junior or senior.		
THEOLOGY: Ecclesiology: Jesus Christ's Mission Continues in the Church.....	1/2 credit	p. 23
Discipleship: Life in Jesus Christ	1/2 credit	p. 23

SENIOR

REQUIRED SENIOR COURSES

ENGLISH: (choose from electives. A minimum of 1/2 credit must be a literature class).....	1 credit	p. 15-16
PHYSICAL EDUCATION: Physical Education II (2328) (<i>If not taken sophomore or junior year</i>)	1/2 credit	p. 20
SOCIAL: World History and must choose additional 1/2 credit from electives.....	1 credit	p. 23
An economics class (1/2 credit) is required. If not taken as a junior, will be required as a senior		
THEOLOGY: (choose from electives)	1/2 credit	p. 23-24

* This requirement needs to be fulfilled by the end of senior year.

** This requirement can be fulfilled in either junior or senior year and must include a chemistry or physics course.

Grades 9 - 12

Business

ELECTIVES

- Gr. 9-12 Graphic Design in the Business World
- Gr. 9-10 Principles of Business
- Gr. 10-12 Accounting

Cathedral also offers a number of economic classes. The classes can be found on page 22.

Graphic Design in the Business World Gr. 9-12 **1/2 credit** (1137 or 2137)

Develop and refine creative skills in combination with business and advertising. Explore current graphic design software to learn about basic typography, photo manipulation, and other design activities. The emphasis will be on student problem solving skills, creativity, and design features. Students will be using various technologies such as digital cameras, scanners, and digital media software. This is a project driven class that focuses on real world applications.

Principles of Business Gr. 9-10 **1/2 credit** (1134)

This course is designed as an introductory business class. The students will explore the basic functions of business, including the business plan itself, marketing, and basic economic concepts. Students engage in activities that enhance their understanding of supply and demand, international business, business ethics, and government laws regulating business.

Accounting I Gr. 10-12 **1 credit** (1128 & 2130)

Accounting, the language of business, is a course designed to meet the needs of students interested in obtaining a business degree at the post-secondary level, as well as interested in managing and analyzing personal, family, institutional, and commercial affairs. The content of the course will be taught using the manual, spreadsheet, and computerized accounting program approach. Students will have the opportunity to explore and utilize an accounting simulation packet. This simulation will provide the student with the opportunity to have a real work experience.

Engineering

ELECTIVES

- Gr. 9-11 Computer Coding
 - Gr. 9-10 Computer Science Discoveries
 - Gr. 9 Gateway to Engineering and Design
 - Gr. 9-12 Introduction to Engineering Design
 - Gr. 10-12 Advanced Welding & Metal Fabrication
 - Gr. 10-12 Applied Engineering & Manufacturing I
 - Gr. 10-12 Applied Engineering & Manufacturing II
 - Gr. 10-12 Principles of Engineering
 - Gr. 11-12 Applied Engineering Team
-

Computer Coding Gr. 9-11 **1/2 credit** (2461)

This course will build on the skill sets gained in CSD (web, game & app design). The course will focus on learning various computer languages, as well as other topics in computer science.

Computer Science Discoveries Gr. 9-10 **1/2 credit** (1459 or 2459)

Computer Science Discoveries is an introductory computer science course. It will include coding (programming), web design, interactive games, animation, data analysis and more! This class will “empower students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun.”

Gateway to Engineering Gr. 9 and Design **1/2 credit**

One semester every day (1195 or 2195)

This is a Project Lead the Way course. Students apply the design process to solve problems and understand the influence of creativity and innovation in their lives. They work in teams to complete design challenges. Students create virtual images of designs and learn to use the same software as industry professionals. Students learn about mechanical systems, energy transfer, machine automation, and computer control systems. Students use the VEX Robotics platform to design, build, and program real-world objects such as traffic lights, toll booths, and robotic arms.

Introduction to Engineering Design Gr. 9-12 **1 credit**

(1193 & 2193) Year long course

This is a Project Lead the Way course. This course is for students interested in engineering, design, architecture or related fields. The course will utilize AutoDesk Inventor, 3-D modeling CAD software to teach problem solving skills. The curriculum will focus on communication skills through activities, hands-on projects, and presentations. Students will apply math and science skills and gain experience in preparing for a career in engineering or a related field. Testing may be available to receive college credit. Class sizes may be limited.

Prerequisite: Students taking this course in 9th grade must have taken the Gateway to Engineering and Design in 8th grade. Not a requirement for grades 10-12.

Principles of Engineering Gr. 9-12 **1 credit** (1194 & 2194)

This is a Project Lead the Way course. Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

Prerequisite: Students taking this course in 9th grade must have taken the Gateway to Engineering and Design in 8th grade. Not a requirement for grades 10-12.

Advanced Welding & Metal Fabrication Gr. 10-12 **1/2 credit**

(1192 or 2192)

This is a hands on learning course where students will build on their experience in welding and other metal fabrication skills from AE&M I. While using other metal fabrication tools and skills, this course will focus primarily on welding including MIG, Stick and TIG methods of welding steel and aluminum. In this course students will design and build projects that will challenge their welding abilities and enhance their learning. Professional welders from area manufacturing companies will assist student periodically.

Prerequisite: Applied Engineering and Manufacturing I

Course fee: \$30.00

Applied Engineering & Manufacturing I Gr. 10-12 **1/2 credit**

(1197 or 2197)

This hands on learning course will introduce students to the world of mechanical and manufacturing engineering. In this class students will learn print reading and drawing, precise measuring and some basic metal fabrication techniques including welding, sawing, milling, turning and more. This course will include touring some modern manufacturing facilities and meeting with professionals from the area to learn more about engineering careers

Course fee: \$30.00

Grades 9 - 12

Applied Engineering & Manufacturing II

Gr. 10-12

1/2 credit

(1198 or 2198)

Applied Engineering and Manufacturing 2 (AEM2) will build on the skills and knowledge students acquired in AE&M1. Using these skills and working in small groups students will design and build a working steam engine. Students will then use their engine to accomplish a mechanical task. Students will also tour local engineering companies and meet with engineers to hear real life examples of engineering careers available in the area.

Prerequisite: Successful completion of Applied Engineering and Manufacturing 1

Course fee: \$30.00

Applied Engineering Team (2199)

Gr. 11-12

1/2 credit

This course is designed to provide students with a “real life” mechanical engineering and manufacturing experience. Using and building on skills from Applied Engineering 1 and 2 students will brainstorm, design, build and test a project with real life application. This is an opportunity to take what has been learned in previous classes to the next level. Students will bring an idea from concept to reality.

Prerequisite: Successful completion of Applied Engineering I and II. Completion of the Intro to Engineering Design course is helpful but not required.

Course fee: \$75.00

English

REQUIRED - 4 credits

- | | |
|--------|--|
| Gr. 9 | Literature/Comp. Reading |
| Gr. 10 | Language Arts 10 |
| Gr. 11 | American Literature-Writing or AP English Literature & Composition Writing |
| Gr. 12 | Choose 2 from grade 12 electives (one must be British Literature, European Literature, Multi-Cultural Literature or Contemporary Literature) |

ELECTIVES

These courses meet the 12th grade English requirement (If taken in 10th or 11th grade, these electives cannot be used to meet the 12th grade requirement.)

- | | |
|-----------|---|
| Gr. 10-12 | Film Studies |
| Gr. 11-12 | Composition Skills for College |
| Gr. 11-12 | Creative Writing |
| Gr. 12 | British Literature |
| Gr. 12 | Contemporary Literature |
| Gr. 12 | European Literature |
| Gr. 12 | Introduction to Rhetorical and Analytical Writing |
| Gr. 12 | Media Messages in Society |
| Gr. 12 | Multi-Cultural Literature |

Literature/Composition/Reading 9

Gr. 9

1 credit

(1150 & 2151)

This course encompasses an entire year of English study in the areas of literature, composition, and reading skills. Students will study the elements of fiction through reading a variety of literature ranging from contemporary to Shakespeare. Composition is interwoven throughout the year-long course. Students will write a literary theme analysis, research paper, and short response essays. Research skills are also emphasized. Students will practice evaluating online sources, developing a thesis statement, writing direct quotes, writing summary quotes, and documenting sources using MLA documentation. Students will also work on vocabulary improvement throughout the year.

Film Studies

Gr. 10-12

1/2 credit

(1177)

Students will learn how to discuss and analyze various types of film by being introduced to new terminology and theories. The class will analyze a number of films both to practice the new vocabulary as well as to gain an appreciation for a variety of movies presented throughout history. There will be a focus on writing, reading (textbook, novel, screenplay, etc.) and speech throughout the course which includes a compare / contrast essay, filmmaker research assignment, and more.

Language Arts 10

Gr. 10

1 credit

(1152 & 2153)

Language Arts 10 is a year long course that weaves several language arts strands together: composition, literature, vocabulary, and public speaking. In the area of composition, students continue to build upon the skills presented in 9th grade Literature/Composition class and work toward using more analytical and critical thinking skills in composition. A 4-6 page research paper that correctly uses MLA documentation is written. Students are exposed to a variety of literary genre. Students will read dramas, write an analytical paper about one of the works read, and will be exposed to the time periods reflected in the dramas. Public speaking is also introduced during the sophomore year. Communication theory is combined with practical speaking experiences. Students learn to plan, organize, outline and present a variety of speeches. A vocabulary text is used throughout the year to expand students' writing and speaking vocabularies.

Grades 9 - 12

American Literature- Writing (1146 & 2147)

Gr. 11

1 credit

American Literature emphasizes both the historical and contemporary development of American literature so that students experience the richness and diversity of their literary heritage. Students will study a variety of literary forms, which may include novels, poetry, short stories, non-fiction, graphic novels, and memoirs. Students will practice logical, coherent writing in a variety of forms and styles and complete projects relating to the texts studied. In addition, students will study vocabulary and grammar/mechanics.

AP English, Literature and Composition (1148 & 2149)

Gr. 11

1 credit

An AP American Literature course requires more effort, gives greater opportunity for individual accomplishment, and penetrates deeper into both the content of literature and analysis of that content than does the regular American Literature course. Students will engage in a detailed analysis of passages of literature. The course includes American and British writers and concludes with contemporary literature. Literary movements such as realism, naturalism, transcendentalism, and romanticism are studied. Poetry, short stories, plays, and novels are the basic literary forms which are studied.

In AP composition the students will learn to master the multi-paragraph expository essay. Students will also learn to use research and documentation skills for literary research papers. Students will master the skills of synthesis: ordering ideas into a logical pattern, developing them with pertinent and valid detail, and effectively communicating them to the reader with clarity and fluency. Students will write papers each quarter based on literature. In-class writing will be both impromptu and planned. Students enrolled in this course will take an advanced placement examination in May.

Prerequisites:

- A minimum B+ average in all high school English courses.
- A written essay which indicates a willingness to be an active participant in discussion, to write extensively in a reading journal, and to read extensively with attention to detail.

Course fee: \$100.00

Composition Skills for College (2173)

Gr. 11-12

1/2 credit

This course prepares students for a variety of college writing assignments including research, personal essay, comparison, summary, short response, investigation, analysis, and persuasion. Students will advance their fundamental writing skills as well as improving style. The course will address the basics of grammar, mechanics, and usage. Students will also practice revising work for content and voice. Students will be assessed through short and

mid-length writing assignments and tests. If taken in 11th grade, this elective does not fulfill a senior English requirement.

Creative Writing (2188) **Gr. 11-12**

1/2 credit

This course provides students with an opportunity to express their creativity through written expression. Assignments are designed to encourage students through the process of writing an original short story. Students work on character development, plot, structure, setting, and narrative voice. Students will also write structured and unstructured poetry using a variety of poetic techniques. Students who take this course must be prepared to both write creatively and share their writing with the class. If taken in 11th grade, this elective does not fulfill a senior English requirement. Juniors need approval from the Creative Writing teacher to take this course.

British Literature (1183)

Gr. 12

1/2 credit

Students must elect to take this class, Contemporary Literature, European Literature, or Multi-Cultural Literature to meet their senior requirement.

This course offers a survey of major works of literature from Great Britain. The focus of this course is understanding some of the most famous British literary texts, the evolution of the English language, and the historical events that influenced the writers. Students in this course will explore periods of British literature and history through reading, writing, research, and a project.

Contemporary Literature (1185 or 2185)

Gr. 12

1/2 credit

Students must elect to take this class, European Literature, British Literature, or Multi-Cultural Literature to meet their senior requirement.

Contemporary Literature provides students the opportunity to read and analyze the kinds of popular fiction and nonfiction that are often read for entertainment. The class will read and discuss current popular texts along with the relevant issues these texts raise. Students will analyze the texts through writing and discussion. They will then apply these ideas through writing and presentation.

European Literature (2182)

Gr. 12

1/2 credit

Students must elect to take this class, Contemporary Literature, British Literature, or Multi-Cultural Literature to meet their senior requirement.

European Literature studies the beginnings of Western literature as found in the Greek writers Homer and Sophocles. In addition, authors such as Hesse, Kafka, Camus, and Tolstoy are read. A critical understanding of the content and ideas rather than the writing technique is emphasized because all the works are read in translation. The basic questions that frame the class are: Who am I? What is my relationship to other people? What is my place

Grades 9 - 12

in the universe? Students will be required to write a three to five page literary research paper during one quarter of the course. Students enrolling in this course must have a “B” average in all other English classes or written permission from the teacher. This course is recommended for college bound students.

Introduction to Rhetorical and Analytical Writing (3051 or 3053) **Gr. 12** **1/2 credit**
This is a College in the Schools course.

This course introduces students to the theory, principles, and processes of effective written communication typically encountered in college courses. Emphasis is placed upon critical thinking, critical reading, argumentative writing, and community discussion. Students will write a minimum 5,000 words (20 pages) for major assignments. Additional writing – such as in-class compositions, peer reviews, and summaries, among other things – will also be included. Students will earn four credits for this course through St. Cloud State University.

Program Eligibility: Be in the top one-half of your class or have a test score at or above the 50th percentile on any nationally standardized test.

Prerequisites: A score of 18 on ACT English OR a score of 21 on ACT Reading.

Media Messages in Society (1171) **Gr. 12** **1/2 credit**

In this course students will examine messages the media sends to its consumers - us. Students will study methods of persuasion and the messages sent by the portrayal of gender and race. They will look at a wide variety of media - advertising, television, film, online content, books, music and more. Students will also read analysis articles and texts. Students will be assessed through papers, tests, presentations, discussions, and a research project.

Multi-Cultural Literature (1166 or 2166) **Gr. 12** **1/2 credit**

Students must elect to take this class, British Literature, Contemporary Literature or European Literature to meet their senior requirement.

Multi-Cultural Literature is a one semester course designed to help students understand literature from different cultural perspectives and to develop knowledge and respect for the unique racial, religious, and ethnic diversity of our world. Through contemporary literature and writing, students will discover how cultural perspectives influence lives and literature. Students will write short reaction papers and journal for this course. Students are also required to write a research paper on a selected topic.

This class will be offered as a hybrid course, offering some face-to-face learning in the classroom and some online experiences, allowing for flexibility in terms of when and how students learn.

Hybrid courses will not meet every day, but will typically meet at least 60% of the time and require online learning experiences that students complete on their own time. Self-motivation a must!

Interdisciplinary

ELECTIVES

Gr. 10-12	Peer Tutoring
Gr. 11-12	Teacher Aide
Gr. 12	Elementary Teacher Assistant

Peer Tutoring **Gr. 11-12** **1/2 credit**
(For credit: 1143 or 2145)

(For service hours: 1144 or 2146) Grades 10-12 for service hours.

The CHS Peer Tutoring Program matches students willingness to share their academic strengths with others in need of academic assistance. Tutors will meet daily in the Library with Peer Tutoring Coordinators who arrange the partnerships between tutors and tutees. This course focuses on leadership, mentoring, communication, and study skills. Peer tutors must be committed to the program and good attendance is critical. Students can request to tutor for credit, which is graded Pass/Fail or for Service Hours. Interested students will complete an application. Confidentiality is a requirement of this program.

Teacher Aide **Gr. 11-12** **1/2 credit**
(1983 or 2983)

Students may request to have one semester per year to work with a classroom teacher to assist with various tasks. Students will need to complete an application indicating the course area of interest. Once accepted, students will be assigned to a teacher. This course is graded Pass/Fail and not calculated into the GPA.

Elementary Teacher Assistant **Gr. 12** **3/4 credit**
(1139 or 2139)

This course is for seniors interested in developing skills in working with children and gaining experience in an elementary classroom. Students will be placed in area elementary schools and will work under the supervision of a classroom teacher. The course is only taken for one semester and is graded Pass/Fail. **STUDENTS WILL NEED TO PROVIDE THEIR OWN TRANSPORTATION TO AND FROM THE ELEMENTARY SITE.** Students who participate in this program may not register to be a teacher aide during the same school year.

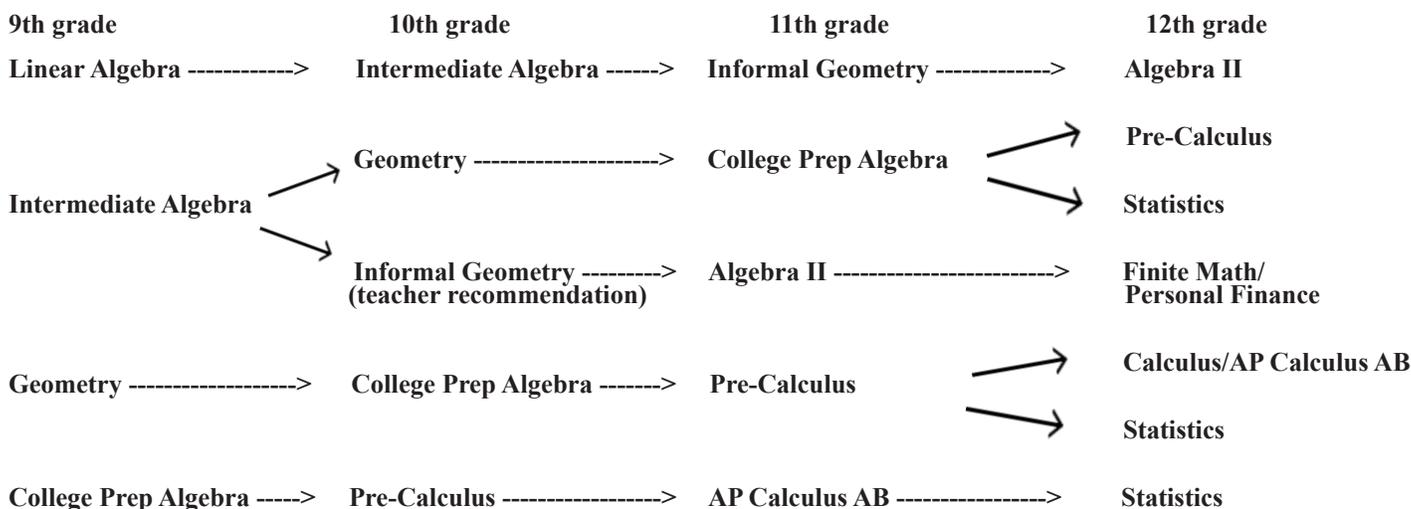
Grades 9 - 12

Mathematics

All new 9th grade students will be placed in a math course upon receipt of their transcripts.

Students are generally placed in one of the following sequences.

REQUIRED: 3 CREDITS



Students should locate their current math course in the flow chart and then follow the arrow to determine their next math course. If a student fails 2nd semester of a math course, the teacher could recommend that the entire year is repeated.

Linear Algebra Gr. 9 **1 credit**
(1656 & 2656)

This course prepares students for Intermediate Algebra. Topics include integers, rational numbers, simplifying multi-variable expressions, multi-step equation solving, graphing linear equations, properties of exponents, and probability.

Intermediate Algebra Gr. 9-10 **1 credit**
(1204 & 2204)

This course concentrates on solving equations, inequalities, and graphing. Linear, quadratic, exponential, and rational relationships are introduced. Each student needs a scientific, non-graphing calculator.

Geometry Gr. 9-10 **1 credit**
(1214 & 2215)

This course is the study of points, lines, planes and solids and the examination of their properties, measurements and mutual relationships in space. Formal proofs, congruence, similarity, right triangle trigonometry, coordinate geometry, area and volume of figures are some of the topics covered. Geometry Sketchpad will be used to discover and explore geometric principles.

Informal Geometry Gr. 10-11 **1 credit**
(1210 & 2211) Teacher placement only

This course designed to cover all the geometric concepts usually presented in a formal geometry course without the rigor of formal proof. It emphasizes a hands-on approach to learning geometry skills. Students use Geometer's Sketchpad and collaborative work to support student learning. It is an alternative to the traditional course. Approval of the instructor is required.

Algebra II Gr. 11-12 **1 credit**
(1206 & 2207)

This course is in the alternate sequence and is designed to review and to build upon the concepts developed in Intermediate Algebra. A TI-84 Plus calculator is required for this course. Prerequisite: Completion of Algebra and a Geometry course and recommendation of a math teacher.

College Prep Algebra Gr. 9-12 **1 credit**
(1208 & 2209)

This course is designed for students that with a good background in Algebra. Topics include polynomial functions, exponential functions, logarithms, trigonometry, and probability are introduced. In addition the basic theorems, techniques, and skills of algebra are further developed and their use expanded to the com-

plex number system. A TI-84 Plus calculator is required for this course.

Pre-Calculus Gr. 10-12 **1 credit**
(1216 & 2217)

This course is designed to prepare students for the material and rigor in a calculus class. Topics covered will include concepts of algebra (real numbers, functions, graphs of functions, exponential and logarithmic functions), trigonometric functions, analytic trigonometry, applications of trigonometry, and analytic geometry. Students use graphing calculators, Desmos, and and group discovery activities to build connections and conceptual understanding of complex topics. A TI-84 Plus calculator is required for this course.

AP Calculus AB Gr. 11-12 **1 credit**
(1220 & 2221)

This course is designed to prepare students for the Advanced Placement exam given in May. The concept of the derivative is introduced along with its applications; slopes of tangent lines, rates of change, maximums and minimums, related rates, and others. Also, integral calculus is introduced with the concept of the anti-derivative and its applications. A TI-84 Plus calculator is required for this course.

Prerequisites: Students who have earned at least an A- in PreCalculus are automatically admitted. Any others need instructor approval to enroll.

Course fee: \$100.00

Calculus (1218 & 2219) Gr. 11-12 **1 credit**

This course is designed to give students an overview of Calculus topics and their applications including limits and continuity, derivatives, antiderivatives, integrals and differential equations. While this course covers many of the same concepts found in Advanced Placement Calculus, it is not bound by the pace and rigor necessary for success on the AP Calculus exam. Therefore, this course best suits students who are mathematically ready to learn Calculus but do not want to take the AP Calculus Exam. A TI-84 Plus calculator is required for this course.

Prerequisites: Students who have earned at least a B in PreCalculus are automatically admitted. Any others need instructor approval to enroll.

Grades 9 - 12

Statistics (1176 & 2177) Gr. 11-12 1 credit
 This course is an introduction to statistical concepts and methods. Topics include displaying and describing categorical and quantitative data, correlation and regression analysis, data gathering methods, randomness and probability, sampling models, confidence intervals and hypothesis testing. Students will learn to gather, analyze, and interpret data. Students have the option of taking the AP Statistics test. A TI-84 Plus calculator is integrated throughout and is required for the course.

Music Theory II Gr. 9-12 1/4 credit
 (2309)
 This course is a continuation of Music Theory I. It may be taken only with consent of the instructor. Independent study only.

Varsity Band Gr. 9-10 1/2 credit
 (1302 & 2317)
 Full year elective for one-half credit for grade 9-10. This band meets every other day in the instrument rehearsal room. All students will receive individual or small group lessons either before, during, or after school - once every other cycle. This course is designed to prepare students for Concert Band by introducing them to more serious works for band at their level, and diversifying their talents. Pop music, soundtracks, and rock are also performed. Students in this band also perform in the Pep Band and may participate in solo/ensemble contest and the high school Jazz Band. Performances are outside of school.

Finite Math/Personal Finance Gr. 12 1/2 credit
 (1122 & 2228)
 Finite math (semester 1) introduces math topics required for college business and related majors. Topics include linear, polynomial, rational, exponential, and quadratic functions, along with set theory. Applications include linear personal finance, probability, and descriptive statistics. Personal finance (semester 2) is designed for students to learn financial literacy. Students will learn how to build savings and to avoid the dangers of debt. Topics include savings, investment options, wealth building, saving for college, debt, consumer awareness, credit bureau and collection practices, budgeting, bargain shopping, career choices, taxes, and the ins and outs of insurance. A TI-84 Plus calculator is required for this course.

Varsity Choir Gr. 9-12 1/2 credit
 (1318 & 2318)
 Do you sing in the car, in your room, or even in the shower? Do you want to sound better and better each day? If the answers were yes, then Varsity Choir is for you! This course is designed to provide an entry-level understanding of choral music. Beginning levels of healthy vocal technique, sight-reading, vocal independence, and music theory are taught and utilized. This class offers a varied repertoire of music with an emphasis on musical literacy. In addition to in-class rehearsals, a set number of voice lessons are required per quarter. Varsity Choir performs approximately three times per year. Come join the choir family!

Varsity Orchestra Gr. 9-12 1 credit
 (1310 & 2311)
 (Every other day course numbers: 1316 & 2316)
 Orchestra is an exciting class that will challenge your brain and make your college application pop! We play many different styles of orchestra music from classical to pop to music from the movies that will keep class interesting and continue to develop your skill level. In addition to daily ensemble practice, music theory, music history, and a wide range of composers are also studied. All students will receive individual lessons and have the opportunity to perform at least 3 times throughout the year. Varsity members also partake in solo /ensemble that will showcase your advancing talent!

Concert Band Gr. 10-12 1 credit
 (1306 & 2307)
 (Every other day course numbers: 1312 & 2313)
 This band meets every day in the instrument rehearsal room. All students are graded on a contract system, in which they choose two musical groups or experiences outside of class. This course is designed to continue developing and diversifying their talents to a high level by studying and/or performing major works of music, various styles including pop, soundtracks, rock, and music from other cultures. Students in this band also perform in the Pep Band and large group contest. They may participate in jazz and solo/ensemble contest. Performances are outside of school. Some students may be required to audition for this group depending on the instrument they play and the needs of the group for proper balance and instrumentation. This is especially true for percussionists and any students wishing to join band after not playing for a year or more.

Performing Arts

ELECTIVES

- Gr. 9-12 Advanced Theatre
- Gr. 9-12 Music Theory I
- Gr. 9-12 Music Theory II
- Gr. 9-10 Varsity Band
- Gr. 9-12 Varsity Choir
- Gr. 9-12 Varsity Orchestra
- Gr. 10-12 Concert Band
- Gr. 10-12 Concert Choir
- Gr. 10-12 History of Rock and Roll

Advanced Theatre Gr. 9-12 1/2 credit
 (2176)
 Advanced Theatre would allow students to build and apply their theatrical skills directly to class-chosen scripts. Upon reading (or writing) and choosing scripts (often times based on a common theme) based on the course size, students would learn what goes into creating a show, both from a performance and staff perspective. All students involved in the class would be placed in roles regardless of ability. This would ensure the exposure that is often times lost in extra curricular plays/musicals. In addition, this class would have to after school performances (similar to band, choir, or orchestra) and could be taken multiple times (just like a music class) due to the change in script selection each semester.

Music Theory I Gr. 9-12 1/4 credit
 (1308)
 This course is designed as a college prep course in the fundamentals of theory. Some previous musical experience, preferably piano, is a prerequisite. If in doubt, consult the Music Department. It may be taken only with the consent of the instructor and advisor. Independent study only.

Grades 9 - 12

Concert Choir **Gr. 10-12** **1 credit**
(1304 & 2305)
(Every other day course numbers: 1314 & 2315)

An audition is required before registration. Are you ready for the next step in developing your singing voice? Audition for Concert Choir! This course offers a wide variety of musical activities and performances. Concert Choir bi-annually competes at large group contest and tours (We alternates these performances each year). Understanding and utilizing healthy vocal technique, music theory, and sight-reading are an integral part of this class. This course is designed to furnish an understanding and appreciation of choral literature of all types. In addition to in-class rehearsals, a set number of sectionals and voice lessons are required per quarter. Students in this choir may broaden their experience by participating in several out-of-school activities. Concert Choir performs approximately 6 times per year. **See instructor for audition information.**

Students taking two of these music courses: Concert Band, Varsity Orchestra and Concert Choir receive 1/2 credit per course for the year. If students are taking only Concert Band, Varsity Orchestra or Concert Choir, it is required to take a full year everyday. Any exceptions to this must have prior approval by the director.

History of Rock and Roll (2302) **Gr. 10-12** **1/2 credit**

In this course, students will learn about and study the origin and history of rock music, as well as other genres as they evolve throughout history. Students will not only be listening to and analyzing musical forms and songwriting, but will also look at the impact that music has had on our nation culturally, politically, etc. This class will focus on moments, times, and eras of historical importance and their influence on music and vice versa.

Physical Education and Health

REQUIREMENTS: Physical Education class requirements include tennis shoes, socks, t-shirt, shorts, and/or sweats and towel.

REQUIRED - 1 1/2 credits

- Gr. 9 Health - Personal Wellness
- Gr. 9-10 Physical Education I
- Gr. 10-12 Physical Education II
(Physical Education I and Physical Education II cannot be taken in the same year)

ELECTIVES

- Gr. 10-12 Strength Training I
- Gr. 10-12 Strength Training II
- Gr. 11-12 Lifetime Fitness
- Gr. 11-12 Advanced Health
- Gr. 12 Health Career Exploration Experience Program

Health - Personal Wellness (2334) **Gr. 9** **1/2 credit**

Introductory course dealing with health from a mental, physical, and social aspect. Major units to be considered include mental health, chronic disorders, drug education, growth and reproduction, basic first aid and personal health.

Physical Education I **Gr. 9-10** **1/2 credit**
(1327)

Team and individual games with participation in as many co-ed activities as possible. Stress is placed on enjoyment of the activities with knowledge of the health and skill related components needed for the activity. This course is taken during the first semester.

Physical Education II **Gr. 10-12** **1/2 credit**
(2328 or 1328 with approval. 1328 will be offered semester 1 for students who cannot fit this course into semester 2)

Stress is on lifetime sports and activities. This course is designed to provide a foundation essential for a life of healthful living. This course is taken during the second semester. *Seniors who did not take Physical Education II their junior year, will need to sign up for this course.*

Strength Training I **Gr. 10-12** **1/2 credit**
(1335 or 2335)

This class is for students with little or no experience. Emphasis will be on proper technique, muscular system, safety, nutrition, and weight room etiquette. Guided workouts in the beginning of the semester will be followed by developing a personalized workout for each student.

Strength Training II **Gr. 10-12** **1/2 credit**
(2340)

This class is for students with experience in the weight room and have teacher approval. Self-guided workout routines will be the core of the class. Technique, muscular system, safety, nutrition, and etiquette will be emphasized through student research presentations.

Prerequisite: Completion of Strength Training I

Advanced Health **Gr. 11-12** **1/2 credit**
(1336 or 2336)

This elective course in health offers the opportunity for those interested in the health field to become actively involved in the health profession. Units to be covered include: cardiovascular disease, American Heart Association Healthcare C.P.R. certification and training, advanced first aid, sports medicine, as well as exposure to a number of health care careers.

Lifetime Fitness **Gr. 11-12** **1/2 credit**
(2332)

This elective class offers a variety of sports related and lifetime recreational activities. Try archery, volleyball, soccer, ultimate badminton, pickle ball, golf and much more. Learn proper techniques and exercise principles such as FITT. Students will assess their current levels of fitness and set goals to stay physically fit for a lifetime. Share your knowledge of staying fit by putting on a Fitness Fair for a local elementary school.

Health Career Exploration Experience Program (2329) **Gr. 12** **1 credit**

This course provides students with an opportunity to gain experience in the health care field through direct partnerships with the health care community, exposure to different health occupations, exploration experience in health care settings, 10 hours community service in a long term care facility (counts toward 70 hour school requirement), as well as knowledge gained through BLS

Grades 9 - 12

Provider CPR certification, Heartsaver First Aid certification, and medical terminology. Potential college credit for Medical Terminology available.

This is a 2 period elective class that will take place second semester. It is necessary to be a 2 period class to accommodate health care professionals who speak to the class weekly and to allow for the students to complete an exploration experience in a health care related setting. The exploration experience must take place during the regular class time or during the students own time after school. No exceptions.

Applicants need to apply to get into the class. If accepted into the class, the applicant will also need to interview with the health care setting that they have a desire to do an exploration experience in. Mantoux text and flu shot required prior to exploration experience.

Science

REQUIRED - 3 credits

Gr. 9	Physical Science
Gr. 10	Biology or AP Biology (Students can take Chemistry in Gr. 10, but then must take AP Biology in Gr. 11)
Gr. 10-12	Students must also take one credit in a chemistry or physics class.

ELECTIVES

Gr. 9-10	Wildlife Biology
Gr. 10-12	Chemistry
Gr. 11-12	AP Biology
Gr. 11-12	Astronomy with Applied Physics
Gr. 11-12	CIS Chemistry
Gr. 11-12	CIS Human Biology
Gr. 11-12	Environmental Science with Applied Chemistry
Gr. 11-12	Geology of Minnesota
Gr. 11-12	Human Anatomy and Physiology
Gr. 11-12	Meteorology
Gr. 12	AP Physics
Gr. 12	Physics

Physical Science Gr. 9 1 credit (1702 & 2703)

This introductory course is designed to allow students to explore the basic topics of Physics and Chemistry which are the study of matter and energy. Topics include but are not limited to; motion, energy, machines, structure and properties of matter and chemical reactions. Experiments and demonstrations are used throughout the year to complement and further cement the subject matter and help develop good laboratory techniques and scientific thinking.

Wildlife Biology (2417) Gr. 9-10 1/2 credit
Focusing on Minnesota wildlife, this second semester course covers topics such as species identification, habitat, conservation, migration and dispersal, the role of hunting on populations, and contemporary problems associated with human activities.

AP Biology & AP Lab Gr. 10-12 1 1/2 credit (Class: 1404 & 2405) (Lab: 1399 & 2399)

AP Biology is an introductory college-level biology course for motivated students. Students explore all pertinent material from Biology I and expand their understanding of evolution, cellular functions, cell communication, genetics, and ecology. Students engage in several multiple-day lab investigations and data analysis. Students complete the the national AP Biology exam at the end of the year for the opportunity to receive college credit.

AP Biology students will take the standardized national AP Biology exam. Many colleges and universities will grant college credit for high scores. Policies vary from institution to institution.

Prerequisite: A minimum of a B+ in Physical Science. Math grades reviewed by instructor. A student can take Biology in grade 10 and still take AP Biology in grades 11-12)

Course fee: \$100.00

Biology I Gr. 10 1 credit (1402 & 2403)

Biology I incorporates laboratory activities to discover the world of living organisms, their interactions with each other, and their non-living environment. This course covers the basic concepts of

biology including the cell, genetics, evolution, microorganisms, plants, animals, and ecology.

Chemistry Gr. 10-12 1 credit (1414 & 2415)

Chemistry is the study the properties of matter and how it reacts. This course is recommended for anyone who is planning on attending a 4 year or technical college. This course is highly recommended to any student who is planning on going on to any science or technical field. Chemistry is both qualitative and quantitative where students investigate the properties and laws of matter in the laboratory and classroom.

This course fulfills the Chemistry/Physics requirement for students to graduate.

Prerequisite: Intermediate Algebra

Grade Level: 10 - 12 *10th graders minimum requirement of B in Intermediate Algebra and Physical Science

Astronomy with Applied Physics Gr. 11-12 1 credit (1418 & 2418)

Astronomy with Applied Physics is offered to students who are interested in continuing their education in space science. This year long course will deal with the understanding and identification of objects seen in the night sky: constellations, planets, stars, moon and its phases, and other deep sky objects. It will apply the theories and methods of physics in studying the evolution of planets, stars, solar systems, galaxies and beyond. Students will have the opportunity to use multiple telescopes during laboratory experiences and evening observations.

This course fulfills the Chemistry/Physics requirement for students to graduate.

CIS Chemistry Gr. 11-12 1 credit (1428 & 2428)

This course is taught concurrently with Chemistry 160 at Saint Cloud State University. This course will cover topics similar to high school chemistry but with greater detail and expectations, including scientific method, measurements, chemical laws, principles of chemical reactions and chemical calculations. Students will receive four elective science credits from SCSU.

Prerequisite: 3.7 cum GPA for grade 11 or 3.5 cum GPA for grade 12 or with approval via ACT score

Course fee: The fee for this course will be determined by the number enrolled in the course.

CIS Human Biology Gr. 11-12 1 credit (1429 & 2429)

This course is taught concurrently with Biol 103 Human Biology at Saint Cloud State University. This course will cover both the anatomy (structure) and physiology (function) of each of the systems of the human body. The course stresses practical applications of the field and is an excellent course for future providers and patients of healthcare. This course is intended for the serious student interested in delving into the working of the human body- both normal and abnormal.

Prerequisite: 3.7 cum GPA for grade 11 or 3.5 cum GPA for grade 12 or with approval via ACT score

Course fee: The fee for this course will be determined by the number enrolled in the course.

Environmental Science with Applied Chemistry Gr. 11-12 1 credit (1416 & 2416)

Environmental awareness is becoming essential in our society. This course provides a way for students to learn about the interactions of people and their environment. Learn how we impact the Earth. Be engaged in a diverse study of our environment. This is a project-based course that takes a critical look at our use of alternative energy, solid waste management, resource depletion, population concerns, land use, air and water issues, and global climate change. Through hands-on activities and field trips, students will learn what opportunities await them in a future that demands engaged, environmentally conscious citizens. This course covers only basic chemistry concepts.

This course meets the chemistry/physics requirement.

Grades 9 - 12

Social Studies

Geology of Minnesota Gr. 11-12

1/2 credit

(2419)
Geology of Minnesota is a semester long class offered to students who are interested in continuing their study of the geologic structures as seen in Minnesota. The topics in the class will include the geologic features of the state of Minnesota along with the geologic story of the state: past and present. Students will get the opportunity to experience geology both in the classroom and on three field trips: two single day field trips and one three day camping field trip. (Fee required for the camping trip.) This course is offered every other spring in even years, for example spring of 2022, 2024, etc.

Human Anatomy and Physiology (formerly Human Biology) Gr. 11-12

1 credit

(1409 & 2409)
This course will cover both the anatomy (structure) and physiology (function) of each of the systems of the human body. The course stresses practical applications of the field and is an excellent course for future providers and patients of healthcare. This course is intended for the serious student interested in delving into the working of the human body- both normal and abnormal.

Fee: \$7.00 for gloves

Meteorology Gr. 11-12

1/2 credit

(2413)
Meteorology gives the interested student the opportunity to continue their study of the earth's atmospheric environment. The course will help students have a better understanding of the structure of the atmosphere and how different factors affect the weather, with an emphasis on weather in Saint Cloud, Minnesota. Making current weather observations, collecting weather data, and analyzing the information will be integral parts of this course. This course is offered every other spring in odd years, for example spring of 2021, 2023, etc.

Physics Gr. 11-12

1 credit

(1422 & 2423)
Physics is a course designed for students who have a strong mathematical background and an interest in problem solving and abstract reasoning. This course deals with the basic ideas of energy, matter, force, and time. Other topics covered include: motion, forces and their effects, heat, light, electricity, magnetism, sound, and atomic and nuclear physics. This course is recommended for students considering post-high school or college science courses.

This course fulfills the Chemistry/Physics requirement for students to graduate.

Prerequisite: B average College Prep Algebra or by permission of instructor

AP Physics Gr. 12

1 1/2 credit

(course: 1424 & 2425)
(lab: 1426 & 2427)
AP Physics covers both algebra based courses: AP Physics 1 and 2. AP Physics 1 is equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. AP Physics 2 is the equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics, thermodynamics, electricity and magnetism, optics, and atomic and nuclear physics. Students can obtain college credit at many colleges by doing well on the College Board's Advanced Placement Physics 1 and 2 tests. Different colleges have different policies regarding credit granted for high AP test scores.

Prerequisite: Admission contingent on standardized test scores, math and science GPA, and final approval by instructor and counselor. Current enrollment in Precalculus or success in a Precalculus class required.

This course fulfills the Chemistry/Physics requirement for students to graduate.

Course fee: \$100.00

In our global society it is fundamentally important to educate students to become the citizens of tomorrow. At Cathedral we have foundations in geography, government, history, as well as several elective subject areas. The Social Studies department is committed to teaching these topics with a Christian perspective and preparing students to be interdependent citizens of the world in the 21st century.

REQUIRED COURSES - 3 credits

Gr. 9	World Geography or AP Human Geography
Gr. 10	Government
Gr. 11	United States History
Gr. 11-12	World History
	Seniors must choose an additional 1/2 credit from Gr. 12 electives. Students taking this course in Gr. 11 will still be required to take one credit of social studies in Gr. 12.
Gr. 11-12	Students are required to take 1/2 credit in economics (choose from electives)

ELECTIVE COURSES (If taken in 11th grade, these electives cannot be used to meet the senior year requirement. Seniors are required to register for 1 credit of social studies)

Gr. 9	What's Trending
Gr. 11	Global Issues
Gr. 11-12	AP Comparative Government & Politics
Gr. 11-12	AP Macroeconomics
Gr. 11-12	AP Microeconomics
Gr. 11-12	Business/Macroeconomics
Gr. 11-12	Business/Microeconomics
Gr. 12	AP Psychology
Gr. 12	Introductory Psychology
Gr. 12	Sociology

AP Human Geography Gr. 9-10 1 credit

(1455 and 2455)
AP Human Geography introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications.

Course fee: \$100.00

What's Trending Gr. 9 1/2 credit

(2453)
This course will examine local, state, national, and international current events. Students will develop an appreciation and understanding of various viewpoints and the implications they have on today's world. This course may include field trips, guest speakers, and presentations.

World Geography Gr. 9 1/2 credit

(1452)
World Geography includes a study of maps and globes, features of the earth, culture regions and global interdependence. We will journey around the world studying the physical and cultural geography of Africa, the Southwest and Central Asia, and East and South Asia. Throughout the semester we will be studying what is happening currently around the world.

Grades 9 - 12

Government (2450) Gr. 10 1/2 credit
Our government influences our lives every day in some way. The government is the people, and as citizens of the United States it is important to understand how the government operates. This course is a study of the institutions of the federal government. It will look at the foundations of our government as well as the setup of the judicial, legislative, and executive branches, and the election process. The student will be able to better relate and recognize the important role of the federal government and understand the scope and complexity of our government.

AP Comparative Government and Politics (2481) Gr. 11-12 1/2 credit

Introduces the students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives, to explain differences in processes and policy outcomes, and to communicate to students the importance of global political and economic changes. Six countries form the core of the AP Comparative Government and Politics course: The United Kingdom, Russia, China, Iran, Nigeria and Mexico. By using the six core countries, we move from abstract concepts to concrete examples. Students will take the AP exam in May.

Prerequisite: The course is open to college-bound juniors and seniors.

Course fee: \$100.00

AP Macroeconomics (2123) Gr. 11-12 1/2 credit
Second semester only

The purpose of the AP course in macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination, and also develops students' familiarity with economic performance measures, the financial sector, government stabilization policies, economic growth, and international economics. AP Macroeconomics also takes into account timely topics generally covered in college courses.

Directly from <http://apcentral.collegeboard.com/>

Prerequisite: Cumulative GPA of 3.3 or higher.

Course fee: \$100.00

AP Microeconomics (1123) Gr. 11-12 1/2 credit
First semester only

The purpose of the AP course in microeconomics is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy.

Directly from <http://apcentral.collegeboard.com/>

Prerequisite: Completion of College Prep Algebra and Cumulative GPA of 3.0 or higher or permission from instructor.

Course fee: \$100.00

Business/Macroeconomics (2143) Gr. 11-12 1/2 credit

Macroeconomics will be explored and learned as they relate to a successful business operation. The role of government, banking, taxation, financial incentives and disincentives, competition, global markets and global economy, capitalization, human resources, productivity, sustainability, and growth are among the topics of focus.

Business/Microeconomics (1130) Gr. 11-12 1/2 credit

This course will provide students with some of the skills needed to function financially beyond high school. Students will learn about microeconomics: how the individual affects and is affected by markets, profit, production, and consumerism. In addition students will cover personal financial planning, investments, consumer credit, and taxes.

Global Issues (2462) Gr. 11 1/2 credit

Global Issues is a course designed to focus on events and issues in today's world. Students will develop greater cultural understanding and increase awareness of issues affecting all global citizens. Topics include global climate change, global economics and poverty, human rights issues, global health issues and more. Students will have an opportunity to take an international service trip. This trip will be a summer trip.

United States History (1458 & 2460) Gr. 11 1 credit

In the United States History course students will study major themes in American history. These themes include landmark laws and supreme court decisions, early 20th century Native American experience, labor, worker rights and big business, immigration, wars of the 20th century, economic issues in America, social movements and civil rights, foreign policy and domestic events in the last half of the 20th century. Students will discover history through interaction with relevant primary sources. Emphasis during this class is on historical research, critical thinking, and expression of ideas.

World History (1471) Gr. 11-12 1/2 credit

This is a one semester course required for graduation.

This is a survey course in World History. Topics covered include great ancient civilizations and empires, political, social and economic revolutions, and contemporary global challenges. This course focuses only on topics that are not covered in any other required course at Cathedral, with a special emphasis on Asian and African history.

AP Psychology (1474 & 2475) Gr. 12 1 credit

The purpose of the Advanced Placement course in psychology is to introduce students to the systematic and scientific study of human behavior and mental processes. Students are exposed to psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Units include the biological basis of behavior, psychological disorder and treatment, motivation and emotion, learning, memory and much more. Students will take the AP exam in May. This class meets one period all year long.

Prerequisite: The course is open to college-bound seniors.

Course fee: \$100.00

Introductory Psychology (2476) Gr. 12 1/2 credit

This introductory study of psychology allows the student to explore the mystery and phenomena of human behavior. The technologies and practices of medical science in the modern era have provided unprecedented opportunities to explore the intricate processes of the human mind and human behavior. It is the objective of this course to prepare the student to better understand themselves and others.

Sociology (2468) Gr. 12 1/2 credit

Sociology is the study of human social behavior. It assumes a group, rather than an individual, perspective. Sociologists look for patterns in social relationships. Individuals can benefit by using their sociological knowledge to evaluate events in their personal lives. In this course, students will explore such essential questions as Why should we study society and what does it teach us? What are the benefits and challenges of a diverse society?

Grades 9 - 12

Theology

REQUIRED - 3 1/2 credits

Gr. 9	Gospels: The Revelation of Jesus Christ in Scripture
Gr. 9	Christology: Who is Jesus Christ?
Gr. 10	Paschal Mystery: The Mission of Jesus Christ
Gr. 10	Sacraments; Privileged Encounters with Jesus Christ
Gr. 11	Ecclesiology: Jesus Christ's Mission Continues in the Church
Gr. 11	Discipleship: Life in Jesus Christ
Gr. 12	Select from 12th grade electives (1/2 credit)

ELECTIVES

Gr. 12	Campus Ministry Course
Gr. 12	Ecumenical and Interreligious Dialogue
Gr. 12	Catholic Social Teaching

Gospels: The Revelation of Jesus Christ in Scripture (1361)	Gr. 9	1/2 credit
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The purpose of this course is to give students a general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible they will come to encounter the living Word of God, Jesus Christ. In the course they will learn about the Bible, authored by God through Inspiration, and its value to people throughout the world. The students will pay particular attention to the Gospels, where they may grow to know and love Jesus Christ more personally.

Christology: Who is Jesus Christ? (2361)	Gr. 9	1/2 credit
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The purpose of this course is to introduce students to the mystery of Jesus Christ, the living Word of God, the Second Person of the Blessed Trinity. In this course students will understand that Jesus Christ is the ultimate Revelation to us from God. In learning about who He is, the students will also begin to learn who He calls them to be.

Paschal Mystery: The Mission of Jesus Christ (1362)	Gr. 10	1/2 credit
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The purpose of this course is to help students understand all that God has done for us through his Son, Jesus Christ. Through this course of study, students will learn that for all eternity, God has planned for us to share eternal happiness with him, which is accomplished through the redemption Christ won for us. Students will learn that they share in this redemption only in and through Jesus Christ through Grace. They will also be introduced to what it means to be a disciple of Christ and what life as a disciple entails as revealed to us by the human nature of Christ.

Sacraments: Privileged Encounters with Jesus Christ (2362)	Gr. 10	1/2 credit
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The purpose of this course is to help students understand that they can encounter Christ today in a full and real way in and through the sacraments, and especially through the Eucharist. Students will examine each of the sacraments in detail so as to learn how they may encounter Christ throughout life.

Ecclesiology: Jesus Christ's Mission Continues in the Church (1365)	Gr. 11	1/2 credit
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The purpose of this course is to help the students understand that in and through the Church they encounter the living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by Him through the Holy Spirit. The students will come to know that the Church

is the living Body of Christ today. This Body has both divine and human elements. In this course, students will learn not so much about events in the life of the Church but about the sacred nature of the Church.

Discipleship: Life in Jesus Christ (2368)	Gr. 11	1/2 credit
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The purpose of this course is to help students understand that it is only through Christ that they can fully live out God's plans for their lives. Students are to learn the moral concepts and precepts that govern the lives of Christ's disciples.

Campus Ministry (1356 or 2356)	Gr. 12	1/2 credit
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This is a semester-long course designed to build Catholic leadership skills and enhance personal and spiritual awareness. The course provides background information and experiences which empower students to servant leadership. Core content focuses on liturgy, prayer, service, outreach, pastoral care, the seven pillars of Catholic spirituality, and leadership. A very high commitment to organization, management, and hands-on experience accompanies the requirement to empower others to share in the ministry. Students interested in enrolling in this course must complete an application form.

Ecumenical and Interreligious Dialogue (1368 or 2369)	Gr. 12	1/2 credit
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The purpose of this course is to help students understand ways that the Catholic Church relates to non-Catholic Christians and to other religions of the world. Learning how other systems of belief and practice differ from the Catholic faith, students will also recognize ways in which important spiritual truths can also be found in diverse Christian churches, ecclesial communities, and non-Christian religions.

Catholic Social Teaching (1367 or 2367)	Gr. 12	1/2 credit
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This course explores the social teachings of the Church as they developed from the Hebrew prophets, the life and ministry of Jesus, and the encyclical tradition. It affords students an analysis and practical application of the principles of Catholic Social Teaching.

VISUAL ARTS

ELECTIVES

Gr. 9-12	2D Design
Gr. 9-12	3D Design
Gr. 9-12	Clay I
Gr. 9-12	Yearbook: Publication Production I
Gr. 10-12	Clay II
Gr. 10-12	Drawing Techniques
Gr. 10-12	Glass Fusing
Gr. 10-12	Painting Techniques
Gr. 10-12	Photography I
Gr. 10-12	Photography II
Gr. 10-12	Stained Glass Technique
Gr. 12	Advanced Art
Gr. 12	Yearbook: Publication Production II

2D Design (1100)	Gr. 9-12	1/2 credit
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A formal introduction to the visual elements of art. Students will use a variety of materials such as pencil, charcoal, paint, and printmaking, as well as many other materials. Students will also explore different areas of art history.

Course fee: \$30.00

Grades 9 - 12

3D Design (1102 or 2102) Gr. 9-12 1/2 credit

This class focuses on the student creating 3 Dimensional Art works that are aesthetically pleasing from all angles. The viewer should be able to walk around the finished piece and appreciate it from all perspectives. Students will be working with clay, acrylic paint, and various other materials such as tinfoil to create an understructure, etc.

Projects will include a themed 3D container containing a lid, a portrait bust of a cartoon or other 3 dimensional character, a figure sculpture and a cultural mask.

Course fee: \$45.00 covers the materials used in class and the cost of a new set of pottery tools.

Clay I (1106 or 2106) Gr. 9-12 1/2 credit

Students will explore both hand building, wheel throwing, and glazing techniques, and build upon the knowledge they have previously gained in 3/D Design. Wheel throwing projects will include both a practice bowl, a graded bowl, 2 coffee mugs and a lidded jar.

Students will also create a bas relief sculpture, and a sculpture of a human in motion. Class fee will include use of both clay and glazes. Students will also create an incised candle box and a hand built Greek pottery vessel.

Prerequisite: 3D Design

Course fee: \$50.00 covers clay and a new set of tools for each student. Students will need to provide and empty 4-5 quart bucket.

Yearbook: Publication Production I (1190) Gr. 9-12 1/2 credit

This course is designed to teach performance-oriented study units involved in creating a yearbook. Topics include audience functions of yearbooks, theme and section development, reporting and writing, headlines, photos and captions, design, graphics, typography, advertising, and money matters. This class involves significant writing and outside-of-class photography work. The Cathedralite yearbook will be produced in this class.

Prerequisite: Permission from a yearbook advisor and recommendation from an English teacher.

Clay II (2107) Gr. 10-12 1/2 credit

Students will further explore the potter's wheel, as well as learn how to load and fire a kiln. Students will create their own 14 piece dinnerware set. Time will be spent in learning different glazing techniques.

Prerequisite: A grade of A- or higher in Clay I

Course fee: \$75.00 covers the cost of clay and glaze. The student will need the tools they purchased in Clay I and bring an empty 4-5 quart bucket.

Drawing Techniques (1105) Gr. 10-12 1/2 credit

Students will investigate the discipline of drawing through a variety of assigned tasks and materials. Students will learn to use different types of artist pencils and pastels, while exploring techniques of shading, capturing realism and expression.

Prerequisite: 2D Design

Course fee: \$30.00

Glass Fusing (2111) Gr. 10-12 1/2 credit

Having learned the use of appropriate tools in Stained Glass, students will create 14 glass fused projects in a fusing kiln. Projects will include pendants, holiday ornaments, candle holders, jewelry, platters, vases, coasters, and a variety of creative projects for students to choose from.

Prerequisite: Stained Glass

Course fee: \$85.00 covers the cost for 14 projects to be made. Additional projects can be made but there will be an additional charge for each project over 14.

Painting Techniques (1104) Gr. 10-12 1/2 credit

Students explore painting techniques by utilizing oils, acrylics and watercolors. Special emphasis is given toward understanding of color and expression. The history of painting is also discussed from the Stone Age to the present.

Prerequisite: 2D Design

Course fee: \$75.00 covers brushes, canvas, and a set of paints the student will be able to keep.

Photography I (1114) Gr. 10-12 1/2 credit

Students will explore the history and terminology of photography and learn basic functions of a digital SLR (Single Lens Reflex) camera. The class will focus largely on visual expression, journalism, and Photoshop techniques. Students are required to provide their own digital SLR camera (digital camera with full manual functions) and a 64 GB flash drive.

Prerequisite: 2D Design or permission from instructor

Photography II (2113) Gr. 10-12 1/2 credit

First quarter of the second semester focuses on studio portraiture and principles of lighting. Students learn to use studio strobe lights and light modifiers and reflectors. Emphasis will be placed on the creative and commercial aspects of studio portrait photography. Retouching and enhancing images in Photoshop will be taught.

Stained Glass Techniques (1108 or 2108) Gr. 10-12 1/2 credit

Students will learn 4 basic glass cuts that will enable them to know how to create any cut of glass. Proper use of soldering irons and materials with an emphasis on safety concerns will also be stressed on a daily basis. 4 projects will be created by each student for the semester.

Prerequisite: 2D Design (or took 3D Design prior to 17-18 school year)

Course fee: \$85.00

Advanced Art (1103) Gr. 12 1/2 credit

This course is for students wanting to do advanced works of art in the area of their strength. Students would need to keep a working sketchbook of their ideas to coincide with their artworks. Instructor approval of these sketches and drawings would be required. It would be treated as a guided study for the highly motivated art student. Students in Clay would create large scale, ambitious works both wheel-thrown and hand-built. Other areas of concentration would include drawing, painting, sculpture, and stained glass. This is a semester course, with students creating a finished, college level/advanced works during 18 weeks.

This course would require students to have maintained an A average in the area of their strength, and also fill out an application form for the class. The instructor will approve each student before entering the course.

Course fee is based on area of expertise: Painting - \$75.00, Drawing - \$20.00, Clay - \$120.00 and Stained Glass - \$175.00

Yearbook: Publication Production II (2191) Gr. 12 Semester II 1/2 credit

Leadership role in creating the yearbook. Permission of the instructor is required. This course is offered to people with dedication in working with the yearbook. Intended for Editor, Assistant Editor, and other grade 11-12 students who completed the level I course.

Grades 9-12

World Languages

It has become increasingly important for students in the United States to become competent in a second language in this interdependent world of the 21st century. Students must attempt to join together in order to communicate across linguistic and cultural boundaries. Our goal is to help language students to achieve higher levels of proficiency with an emphasis on performance-based tasks and assessments. Students enrolled in a language will be given the opportunity to take a trip abroad. In order to participate in these trips, permission of instructor is required.

Academic requirements for all language courses: For third and fourth year courses, an average of a B in the previous course.

REQUIRED COURSES - 2 CREDITS

Gr. 9-12 Must complete two credits
(a Level I and Level II of the same language)

ELECTIVE COURSES

- Gr. 9-12 American Sign Language I
- Gr. 9-12 American Sign Language II
- Gr. 10-12 American Sign Language III
- Gr. 11-12 American Sign Language IV
- Gr. 11-12 Chinese I
- Gr. 11-12 Chinese II
- Gr. 11-12 Chinese III
- Gr. 11-12 Chinese IV/V
- Gr. 11-12 Chinese VI
- Gr. 12 Chinese VII
- Gr. 9-12 German I
- Gr. 9-12 German II
- Gr. 9-12 German III
- Gr. 11-12 German IV
- Gr. 11-12 AP German
- Gr. 9-12 Spanish I
- Gr. 9-12 Spanish II
- Gr. 9-12 Spanish III
- Gr. 11-12 Spanish IV
- Gr. 11-12 College Spanish 201/202
- Gr. 12 Spanish VI
- Gr. 12 AP Spanish Language and Culture
- Gr. 12 AP Spanish Literature

American Sign Language I **Gr. 9-12** **1 credit**
(1276 & 2276)

This is a beginning level course in American Sign Language (ASL). It introduces students to the fourth most commonly used language in the U.S.. Students will learn basics of ASL including; grammar, sentence structure, vocabulary, finger spelling, numbers, and begin building conversational skills in the target language. Students will be introduced to deaf culture. Students learning will be enhanced through projects, presentations, skill-building activities and games. ASL has been recognized by the state as fulfilling the foreign language requirement for high school graduation plans.

American Sign Language II **Gr. 9-12** **1 credit**
(1277 & 2277)

This course is a continuation of the basic aspects of ASL grammar, vocab, ASL structure, fingerspelling, and numbers. Students will continue to develop conversation/cultural behaviors necessary to hold a beginning level conversation. Students learning will continue to be aided through projects, presentations, skill-building activities, and games. Additional cultural and historical information will be presented to enhance student's awareness and appreciation of the language and culture of those deaf/hard-of-hearing individuals who use ASL to communicate.

American Sign Language III **Gr. 10-12** **1 credit**
(1278 & 2278)

This course will continue fostering and focusing on use of space and classifiers while building essential ASL language skills. Special awareness will be spent on integrating classifiers in describing and their importance in the language and how they are used in space. Students will work on developing ASL narrative skills. This course will spend the majority of time in the target language.

American Sign Language IV **Gr. 11-12** **1 credit**
(1279 & 2279)

This course will challenge students use of ASL narrative structures, conversation skills, appreciation and knowledge of Deaf Culture through study of ASL storytellers/poets, and literature groups. It will have a culminating project using the ASL skills of facial expression, spatial awareness, classifiers, grammar, and appropriate classifier use. Class will spend much of the time in the target language.

Chinese I **Gr. 9-12** **1 credit**
(1240 & 2241)

In Chinese I the emphasis is on oral communication first. Students will be able to understand & participate in conversations and narratives about several topics in Chinese: greetings, self-introductions, and how to ask dates and time. They will be able to talk and write about themselves, their families and their hobbies. They will be able to write more than 200 Chinese characters, which is building a solid foundation for future study. Besides learning the language, they will have many opportunities to learn about Chinese culture and Chinese people, for instance, Chinese Kungfu and Chinese Calligraphy.

Chinese II **Gr. 9-12** **1 credit**
(1242 & 2243)

Chinese II continues to emphasize communication. Students will talk and write about their friends and school life. They will learn how to make appointments and how to shop in Chinese. The topics they are going to learn are various and very practical for daily life. In addition, they will be able to learn how to write a letter in Chinese and they have the chance to make a penpal with a Chinese student. One type of assessment will be written tests which will check their listening and reading comprehension. Last, but not least, students will continue exploring the Chinese culture.

Chinese III **Gr. 10-12** **1 credit**
(1244 & 2245)

Chinese 3 builds on the material and skills learned previously. Students hone their reading, writing, speaking and listening skills through task-based learning and interpersonal communicative activities. Students will read and discuss holidays, trips, leisure activities, and talk about past and future events. Students will learn how to plan trips and describe how to get around town. A closer look at cultural differences such as holidays, gifts, food and diets will be included regularly.

Chinese IV/V **Gr. 11-12** **1 credit**
(1244 & 2245)

Chinese IV/V continues to emphasize the reading, speaking, and writing of the Chinese Language. One type of assessment will be written tests which will check their reading and writing comprehension. Last, but not least, students will continue exploring the Chinese culture.

Chinese VI **Gr. 11-12** **1 credit**
(1245 & 2246)

Chinese VI will further cultivate students' four basic language skills, with a continued emphasis on the proper and appropriate use of grammar patterns and expressions in genuine language communication, especially in speaking and listening. Students will learn more about Chinese culture and society. By learning HSK4 books, they are able to take the HSK level 4 test (the highest level is HSK level 6). They are fluent in Chinese and can talk about basic topics with native speakers.

Chinese VII **Gr. 11-12** **1 credit**
(1238 & 2238)

Chinese VII continues to emphasize the reading, speaking, listening and writing of Chinese language. Students will learn more about Chinese culture and society. By learning HSK5 books, they are able to take the HSK level 5 test (the highest level is HSK level 6). They can communicate with a native speaker without difficulty and talk about some social problems with them.

German I **Gr. 9-12** **1 credit**
(1250 & 2251)

In Level 1 German, we concentrate on authentic speaking skills in the home and school setting. Level 1 students will be able to use different greetings and farewells. They will talk about themselves, their age, hobbies/free time activities and favorite school subjects. Students will learn words for everyday objects and daily routines. They will learn about school systems in all the German speaking countries. Culture is incorporated throughout the course.

Grades 9-12

- German II** Gr. 9-12 1 credit
(1252 & 2253)
In Level 2 German, we continue to learn basic verbal communication skills. The students learn to talk about time, the weather, families and holidays. They learn about the structure of cities and how to listen to and give directions. Students learn to talk about their preferences in clothing, food, and entertainment. Culture is incorporated throughout the course.
- German III** Gr. 10-12 1 credit
(1254 & 2255)
Level III German starts by reviewing all the skills learned in Levels I & II, however the vocabulary increases in difficulty. As the year progresses, they encounter interesting places and one of the main topics of the year is travel. They learn to discuss things that have happened in the past in the target language. They will start being able to express their opinions and exchange ideas instead of simply surviving. Naturally, this involves corresponding new and challenging grammatical structures. The language used, however, is as authentic as possible and not all "textbook". Students will still be learning survival skills, such as talking to a doctor, and getting a prescription filled or following instructions for doing the laundry. All college bound students who have completed Levels I and II are highly encouraged to register for Level III.
- German IV** Gr. 11-12 1 credit
(1256 & 2257)
Level 4 German is a course designed to prepare students for college language study. It is also part of the preparation process for the AP test at the end of Level 5. Students use college textbooks to focus on grammatical accuracy and write formal essays. They also work on reading skills and special cultural units on history, politics and business to increase exposure to issues necessary for interacting in German culture as they use the language in the academic and working world.
- AP German** Gr. 11-12 1 credit
(1270 & 2270)
In AP German, we continue to use many authentic and academic resources to prepare the students to take the AP test, as well as use the language as a career skill. Literature, news texts, and other reading are part of the course. Listening texts are part of the course as well. Rigorous grammar review, conversation, and composition are also a focus of the class. The AP test will be taken at the end of the year. Instructor permission is required.
- Course fee: \$100.00*
- Spanish I** Gr. 9-12 1 credit
(1260 & 2261)
In Spanish I, students will make connections to their lives and to the practices and perspectives of Spanish-speaking cultures through a study of a variety of topics, including information about yourself and others, the school day, your family, places to visit, activities, modes of transportation, and eating preferences. Throughout the study of these topics, students will focus on the three modes of communication: interpretive, interpersonal, and presentational. By the end of the course, students will be able to converse with other students about the topics listed above, interpret and understand parts of readings and video/audio clips about these topics, and write and present about these topics.
- Spanish II** Gr. 9-12 1 credit
(1262 & 2263)
Spanish II continues to emphasize communication. Students will talk and write about their vacations, their homes, their health and their entertainment preferences. They will be able to order food in a restaurant. They will also be able to discuss happenings in the past. They will be assessed through oral and written presentations on these topics and tests.
- Spanish III** Gr. 9-12 1 credit
(1264 & 2265)
This course is designed to build on the students previous knowledge and refine their ability to speak, listen, read and write in Spanish. The class is taught primarily in Spanish to promote oral and listening proficiency. Communication skills through speaking and writing are emphasized and students are expected to use Spanish in class to converse about practical, contemporary situations. Students are also exposed to literature and current events through the use of authentic materials from Spanish-speaking cultures.
- Spanish IV** Gr. 10-12 1 credit
(1266 & 2267)
Spanish IV will help students develop an understanding of how the world is organized and interconnected. It is designed to develop and refine the four communicative skills in the Spanish language as students discuss tourism, family, health, art, public figures, eco-systems, and education within Spanish-speaking countries and how they relate to the United States. Through the study of current and past issues, students will make connections, comparisons, and develop a deeper understanding of their own language and culture of those of other communities. Students will develop the necessary skills to interpret and communicate in Spanish in both their educational and personal life.
- College Spanish** Gr. 11-12 1 credit
201/202
(1272 & 2272)
The objective of this College course is to increase proficiency in the language skills (listening, reading, speaking, writing, and culture/history) essential to communicative language learning. This is a Spanish intensive College course where the cultivation of intercultural awareness will play a key role among the topics and activities covered by each lesson. Students are expected to write several essays regarding multicultural topics with a development of ideas with supporting details or evidence. Rich use of vocabulary with frequent elaboration is also expected to succeed in this course. Students will earn four credits per semester through SMSU College Now program.
- The fee for this course is determined by the number of students enrolled in the course.
- Spanish VI** Gr. 11-12 1 credit
(1269 & 2271)
The focus of this advanced course is to further the development of conversation and composition. Students will increase their oral proficiency as well as their reading, writing and listening skills through a variety of sources: newspaper and internet articles, news videos, current events, contemporary films, short stories, and several novels. By increasing their cultural awareness students will strengthen their speaking skills by preparing frequent presentations on current events as well as more formal presentations on a variety of themes and topics. Students will write formal essays on contemporary or classic films that will be viewed in class.
- AP Spanish Language and Culture** Gr. 12 1 credit
(3032 & 3033)
AP Spanish Language and Culture is a course for students who have completed Spanish I through Spanish 4. The class will focus on both grammatical accuracy and communicative fluency. Grammatical knowledge and vocabulary will be refined and expanded so that the student will be able to more easily comprehend written and spoken Spanish, and more easily express their own ideas when writing and speaking. This class will allow you to continue to build proficiency in the areas of reading, writing, listening, and speaking through a variety of interactive and non-interactive activities such as compositions, essays, oral presentations, skits, in-depth studies of Spanish and Latin American literature, history, and geography.
- AP Spanish Literature** Gr. 12 1 credit
(3030 & 3031)
The AP Spanish Literature is a course for students who have completed Spanish levels 1 through 6. This course is equivalent to a 300 level college survey course of Hispanic and Spanish Literature and prepares the students for the Advanced Placement Spanish Literature Exam. All readings, written assignments and discussions are in Spanish. The course centers on the understanding, analysis and appreciation of literary texts and includes poetry, prose and drama from various countries and periods of Spanish literature. The reading list, which is text-selected by the AP Board, encompasses Hispanic literature from the Medieval and Golden Age through the Twentieth Century.
- ** Course fees have been listed with the individual course that they pertain to. Any additional field trips that are scheduled will be paid for at the time of the trip.

Grades 9 - 12 Activities

Please visit <https://cathedralcrusaders.org> and click on the student life tab for more info on each activity.

Art Club
Bowling
Drama/Theatre
German National Honor Society
Jazz Band
Knowledge Bowl
Math League
Minnesingers
National Honor Society
Pep Band
Spanish National Honor Society
Speech
Student Ambassadors
Student Senate/Council
Trap Club
Ultimate Frisbee

*New Clubs such as Anime Club, Service Club and more are being added each year!

*Some Clubs/Activities have a fee associated with them. Registration takes place online for most activities. Fee Scholarships are available if you need assistance.

Over 95% of our students are involved in at least one sport or club!

If you need more information, please see our website or contact the Activities Office:

Emmett Keenan: 320-257-2130

Julie Murphy: 320-257-2120

Grades 9 - 12 Athletics

Please visit <https://cathedralcrusaders.org> and click on the student life tab for more info on each sport

Fall:

Boys & Girls Cross Country
Performance Dance Team
Boys & Girls Soccer
Girls Swim & Dive
Girls Tennis
Volleyball
Football

Winter:

Boys & Girls Hockey
Boys & Girls Alpine Ski
Boys & Girls Nordic Ski
Boy & Girls Basketball
Competition Dance Team
Boys Swim & Dive
Girls Gymnastics
Wrestling

Spring:

Boys & Girls Track & Field
Boys & Girls Lacrosse
Boys & Girls Golf
Boys Tennis
Softball
Baseball

Over 95% of our students are involved in at least one sport or club!

*All athletics have a fee associated with them. Registration takes place online. Fee Scholarships are available if you need assistance.

If you need more information, please see our website or contact the Activities Office:

Emmett Keenan: 320-257-2130

Julie Murphy: 320-257-2120

ADVANCED PLACEMENT AT CATHEDRAL

Advanced Placement (AP) courses offer exceptional students an academic challenge and the chance to earn college credit. Near the end of the AP course, students take a three-hour exam assessing the course. This exam is administered and graded by the College Board. A score of 3 or above is accepted in all Minnesota state universities; a score of 4 or 5 assures credit in many colleges. The three to five college credits earned per AP course would cost far more than the exam.

At Cathedral, students receive a 4.5 grade point value for an A earned in an AP course in recognition of both the quality and quantity of work required.

The following AP classes are available at Cathedral:

- AP Calculus AB
- AP Calculus BC
- AP English, Literature and Composition
- AP Biology
- AP Physics
- AP Psychology
- AP Comparative Government
- AP Human Geography
- AP German
- AP Macroeconomics
- AP Microeconomics

Students who register for an AP course will be charged a course fee of \$100.00, which includes the cost of the exam. Scholarships would be provided where there is financial need.

HIGH SCHOOL PREPARATION AND COLLEGE ENTRANCE REQUIREMENTS

Because entrance requirements vary from college to college, and can even vary on the same campus depending on the subject in which you plan to major, it is important to check the entrance requirements for each college and college major individually. For example, a college could require three years of mathematics of all students, but engineering majors might be required to present four years of math. A college might require no art or music, but art majors might be required to present a portfolio and music majors may be required to audition. Be aware that colleges frequently consider entrance requirements as minimum preparation and may also list classes they recommend students complete in high school.

When choosing classes, enroll at the most challenging level. As you build on your strengths, be prepared to deal with any weaknesses. Show determination and follow through. Don't run away from your weak points. It's important to include classes which are progressively more difficult. Equally important is selecting a variety of classes - not just those in which you excel. Show continuity in your course preparation by not just stopping and starting subject areas erratically.

The following is a general list of high school subjects recommended by most four year colleges:

1. English: Four years including composition.
2. Mathematics: Three years. Certain majors such as engineering and business administration as well as the selective colleges frequently require additional math.
3. Foreign Language: Two or more years of the same language.
4. Laboratory Science: Three or more years.
5. Social Studies: Three or more years.
6. Electives: Many schools require one year of coursework in performing or visual arts
7. Special Skills: Keyboarding and an understanding of the fundamentals of technology are highly desirable.

NCAA ELIGIBILITY

Any student that is considering playing college sports at a Division I or Division II level should log onto the NCAA website www.eligibilitycenter.org to make sure they meet all the NCAA requirements. Any questions should be directed to their school counselor