



THEOLOGY



The Theology Department seeks to create a school community enlivened by the Gospel spirit of freedom and charity. The experience of this Christian community is most appropriately and naturally leading to persons of conviction and service. Through catechesis, the students and faculty are encouraged and motivated to model Jesus' life of faith, love and service.

With faculty acting as a visible manifestation of the professed faith and Christian witness, students are encouraged to internalize these values. In addition, students are invited to share in the liturgical and sacramental life of the Church.

THEOLOGY

132 Church History – Honors	One Semester
Grade: 10	Credit: .50
Prerequisite: 93% Sacred Scriptures	
The survey of the history of the Christian Church is based on two assumptions: (1) that the Church is the people of God who share a common faith in Jesus Christ and gather to celebrate that faith in worship and service to poor and oppressed peoples; (2) that history is a story about the people of God and their relationship with God through Jesus Christ. Specifically this story deals with the relationship between Church and State as well as the peoples and events that have influenced the Church from its beginnings to the present day.	
133 Church History – Regulars	One Semester
Grade: 10	Credit: .50
Prerequisite: None	
The survey of the history of the Christian Church is based on two assumptions: (1) that the Church is the people of God who share a common faith in Jesus Christ and gather to celebrate that faith in worship and service to poor and oppressed peoples; (2) that history is a story about the people of God and their relationship with God through Jesus Christ. Specifically this story deals with the relationship between Church and State as well as the peoples and events that have influenced the Church from its beginnings to the present day.	
132 Sacraments – Honors	One Semester
Grade: 10	Credit: .50
Prerequisite: Church History	
Sacrament is seen as an awareness of the divine presence and interaction with the human community. This course examines the possibility and the desirability of this interaction by focusing on prayer, sign and symbol, ritual, and the seven community worship experiences (sacraments) that link the divine with the human.	
133 Sacraments – Regulars	One Semester
Grade: 10	Credit: .50
Prerequisite: Church History	
Sacrament is seen as an awareness of the divine presence and interaction with the human community. This course examines the possibility and the desirability of this interaction by focusing on prayer, sign and symbol, ritual, and the seven community worship experiences (sacraments) that link the divine with the human.	
135 Interpersonal Relations & Human Sexuality	One Quarter
Grades: 10 – 12	Credit: .25
Prerequisite: None	
This elective will help the student (1) to understand the dynamics involved in any human relationship and those strategies needed in conflict resolution, (2) to come to terms with the physical, emotional, spiritual and character consequences of teen sex.	
127 Men’s Issues	One Semester
Grades: 9 – 12	Credit: .50
Prerequisite: None	
In light of the social changes caused by the feminist movement in modern time, today’s Man is challenged to redefine his manhood and masculinity in contemporary society. This study examines feminism and patriarchy, Man and Power, the Male Wound, and the four archetypes of King, Warrior, Lover and Magician as models for male behavior.	

125 Faces of Good and Evil	One Quarter
Grades: 9 – 12	Credit: .25
Prerequisite: None	
This course deals with the existence of both evil and good. These phenomena can be approached textually, philosophically, and literarily. However, the question remains: how do people actually reach moral judgments. The evidence from the social sciences and contemporary history is accumulating on this question and this course will attempt to confront that evidence. First, we examine the nature of social conformity (obedience). Then, we will turn to the phenomenon of moral resistance (disobedience) with emphasis on altruistic studies. Then, we will study a field theory to answer the question, what inclines people to do evil and good. Finally, we will ask, what have we learned from the social sciences and history that can help us better teach and act as good people.	
134 Effects of Media on Adolescent Development	One Quarter
Grades: 9 – 12	Credit: .25
Prerequisite: None	
The focus of this course is to gain understanding of the issues. Problems and developmental processes that affect the growth of adolescents. At the same time the course is directed toward search for meaning in human life as experienced and depicted in film, advertisement, television, music and cyberspace.	
122 Moral Theology – Honors	One Semester
Grade: 11	Credit: .50
Prerequisite: None	
This course is an investigation into the moral dimension of human life. Approaches to moral decision-making and Christian moral norms are discussed. The interaction between religious and societal values is examined. Through understanding Church documents and discussion, contemporary issues of morality are addressed. Practical situations in which to use moral decision-making will be provided through discussion, cooperative learning projects, role play and critical analysis. First semester.	
123 Moral Theology – Regulars	One Semester
Grade: 11	Credit: .50
Prerequisite: None	
This course is an investigation into the moral dimension of human life. Approaches to moral decision-making and Christian moral norms are discussed. The interaction between religious and societal values is examined. Through understanding Church documents and discussion, contemporary issues of morality are addressed. Practical situations in which to use moral decision-making will be provided through discussion, cooperative learning projects, role play and critical analysis. First semester.	

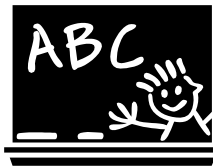
122 Social Justice – Honors	One Semester
Grade: 11	Credit: .50
Prerequisite: None	
An exploration of Catholic Christian values as they affect specific problems in contemporary society. This course is rooted in Jesus’ vision of the Reign of God, of the world, as God wants it to be: a place where all creation is accorded dignity and respect. The tradition of Catholic Social teaching is emphasized in dealing with social issues, including poverty, racism, consumerism, militarism, and ecological stewardship. Through the texts, class discussions, guest speakers, and videos, the students will develop a critical consciousness of world around them. A comprehensive social justice paper is a requirement for this course. Second Semester.	
123 Social Justice - Regulars	One Semester
Grades: 11	Credit: .50
Prerequisite: None	
An exploration of Catholic Christian values as they affect specific problems in contemporary society. This course is rooted in Jesus’ vision of the Reign of God, of the world, as God wants it to be: a place where all creation is accorded dignity and respect. The tradition of Catholic Social teaching is emphasized in dealing with social issues, including poverty, racism, consumerism, militarism, and ecological stewardship. Through the texts, class discussions, guest speakers, and videos, the students will develop a critical consciousness of world around them. A comprehensive social justice paper is a requirement for this course. Second Semester.	
114 Theology of Person – Honors	One Semester
Grade: 12	Credit: .50
Prerequisite: None	
A basic introduction to the centrality of Jesus, the church, social justice, human sexuality and prayer life as essential components of Christian spiritual life for our time. This course examines the psychological and spiritual nature of man and purports to develop a richer personal meaning of faith, religion, God and Church. Requires a creative project under the rubrics of the department. There are two sections and all seniors are required to take two semesters of theology. First Semester.	
113 Theology of Person – Regulars	One Semester
Grade: 12	Credit: .50
Prerequisite: None	
A basic introduction to the centrality of Jesus, the church, social justice, human sexuality and prayer life as essential components of Christian spiritual life for our time. This course examines the psychological and spiritual nature of man and purports to develop a richer personal meaning of faith, religion, God and Church. Requires a creative project under the rubrics of the department. There are two sections and all seniors are required to take two semesters of theology. First Semester.	
114 Contemporary Catholic Theology – Honors	One Semester
Grade: 12	Credit: .50
Prerequisite: None	
The examination of the meaning and interconnections of some of the central themes of Catholic Christian theology (e.g. Jesus Christ, Trinity, Church, Sacraments, Sin and Grace, Revelation). The historical and communal context for understanding these. Implications of these for understanding what it means to be human. Requires a creative project under the rubrics of the department. There are two sections and all seniors are required to take two semesters of theology. First semester.	

113 Contemporary Catholic Theology – Regulars	One Semester
Grade: 12	Credit: .50
Prerequisite: None	
The examination of the meaning and interconnections of some of the central themes of Catholic Christian theology (e.g. Jesus Christ, Trinity, Church, Sacraments, Sin and Grace, Revelation). The historical and communal context for understanding these. Implications of these for understanding what it means to be human. Requires a creative project under the rubrics of the department. There are two sections and all seniors are required to take two semesters of theology. First semester.	
114 Social Justice 2/Relationships & Marriage - Honors	One Semester
Grade: 12	Credit: .50
Prerequisite: Part One of Senior Theology	
Further examination of key social justice topics. Generally chosen by the students in concert with the instructor. Psychological, social and religious views of relationship. Their formation and development. Scriptural basis for Christian marriage enjoining theological aspects of marriage as institution covenant, vocation and sacrament.	
113 Social Justice 2/Relationships & Marriage – Reg.	One Semester
Grade: 12	Credit: .50
Prerequisite: Part One of Senior Theology	
Further examination of key social justice topics. Generally chosen by the students in concert with the instructor. Psychological, social and religious views of relationship. Their formation and development. Scriptural basis for Christian marriage enjoining theological aspects of marriage as institution covenant, vocation and sacrament.	
143 Old Testament Scripture – Honors	One Semester
Grade: 9	Credit: .50
Prerequisite: Entrance Exam	
The historical and cultural environment of the Old Testament (Hebrew Bible), its nature and composition, and its religious and theological developments.	
144 Old Testament Scripture – Regulars	One Semester
Grade: 9	Credit: .50
Prerequisite: Entrance Exam	
The historical and cultural environment of the Old Testament (Hebrew Bible), its nature and composition, and its religious and theological developments.	
143 New Testament Scripture – Honors	One Semester
Grade: 9	Credit: .50
Prerequisite: Entrance Exam	
The development and composition of the New testament, the historical, cultural, and religious environment out of which it arose, and the various theological perspectives found within it.	
144 New Testament Scripture – Regulars	One Semester
Grade: 9	Credit: .50
Prerequisite: Entrance Exam	
The development and composition of the New testament, the historical, cultural, and religious environment out of which it arose, and the various theological perspectives found within it.	

137 Leadership	One Semester
Grade: 9 - 12	Credit: .50
Prerequisite: None	
<p>More specifically, this course will expose students to a wide variety of theoretical models which attempt to explicate various perspectives on contemporary leadership. At the course's completion, students should understand and be able to articulate:</p> <ul style="list-style-type: none"> • an overview of several historical perspectives on leadership; • personal and psychological issues facing leaders and their specific contexts; • issues related to leader self-care and balance, and leaders' moral and ethical foundations; • basic models and issues describing the change process at personal, organizational, societal, and global levels; • concepts regarding reframing situations in order to better diagnose decision options; • issues involving conflicts between leaders and the organizational cultures in which they must act; • models of leadership suited to times of rapid and profound change; and • contemporary and predicted issues facing contemporary society; <p>By the end of the course, students will have composed a personal statement of leadership theory to which they aspire.</p>	
136 Comparative World Religions	One Semester
Grade: 11-12	Credit: .50
Prerequisite: None	
<p>This course offers an introductory survey of major religious traditions of the world. Through lectures, discussions, assigned readings, and occasional audio-visual presentations, students will gain a broad, basic knowledge of four Eastern and four Western religions. We will consider Hinduism, Buddhism, Confucianism, Judaism, Christianity, Islam, Taoism and Zoroastrianism. <u>Each religion will be studied under the following five principal divisions: origin and development, literature, tenets, ritual and worship, ethics and institutions.</u> Objectivity and impartiality are important characteristics of our study. We seek to understand the world's religions, not evaluate their comparative merits.</p> <p><u>Students will learn:</u></p> <ul style="list-style-type: none"> • To understand and discuss the differences and similarities between religion and philosophy and between religion and science. • The origin, characteristic beliefs and practices, and terminology peculiar to four Western and four Eastern religions. • To identify and discuss the problems associated with religious revelation and interpretation of sacred texts. • To recognize the relationship between religion and culture and the relevance of religious belief and experience to modern life. 	

124 Death, Dying and Afterlife	One Quarter
Grade: 9-12	Credit: .25
Prerequisite: None	
<p>The goal of this class is to develop an informed and critical perspective on the study of religion through the study of myths, rituals, and literature concerning death and afterlife. The class does not intend to make the case for any single definition of religion or to take a particular theological perspective on death, but rather to have participants develop critical skills necessary for evaluating the strengths and weaknesses of a number of scholarly approaches to the subject</p> <p>Course Goals and Objectives:</p> <ol style="list-style-type: none"> 1. to affirm the value and meaning of life. 2. to understand the processes of aging and dying. 3. to explore the ways religion helps shape cultural beliefs about death, dying and the afterlife. 4. to develop a theology about death and eternity 5. to examine related ministry skills associated with interacting with those dying and their families. 6. to develop cultural awareness about death and dying. 	
147 Sacred Architecture	One Semester
Grade: 9-12	Credit: .50
Prerequisite: None	
<p>The course offers an exploration of the nature of sacred places with special attention given to the origins of their sacredness as it might identified in one or more sacred objects, features, or forms (caves, Stones, mountains, trees, water, forms in the landscape). With these features, forms and objects in mind, the course surveys a number of the world's better known sacred places with the intention of examining how a site is marked, and its sacredness made manifest, through art and architecture.</p> <p>Of special interest to me is how and why people perceive and invest certain objects, or features, or forms with the sacred, and the ways in which they respond to it. In some cases, the sacred place is left virtually untouched (e.g. <u>Kata Tjuta</u> in Australia), but more often it is marked and richly embellished by architecture and art (e.g. <u>Chartres Cathedral</u> in France). Interestingly, in the case of Chartres, it is clear that the cathedral is only the most recent embellishment of a site that evidently had very ancient sanctity.</p>	
111 Advanced Leadership Seminar	One Semester
Grade: 9-12	Credit: .50
Prerequisite: Leadership	
<p>The course provides a study of advanced leadership, group dynamics, and human relationships used in volunteer organization and leisure delivery systems. Students acquire skills in facilitation techniques including decision-making, problem-solving, conflict management, and evaluation strategies.</p>	
146 Advanced Studies in Sacred Scripture	One Quarter
Grade: 10-12	Credit: .25
Prerequisite: None	
<p>An in-depth study of a specific topic or issue in Scripture (eg. Faith and works in James, the churches St. Paul left behind, etc.)</p> <p>Hebrew Apocalyptic Texts and the Book of Revelation</p> <p>An historical, literary and theological study of the post-exilic texts, Daniel and Maccabees 1 and 2, and their relationship to other writings of the Hebrew Scriptures and to the Book of Revelation..</p>	

ENGLISH



The comprehensive purpose of the Cathedral Preparatory School High School English program is to develop the student's critical faculty to judge the quality of the printed page, to appreciate the human values woven into the fabric of enduring literature and to cultivate the student's power of expression, both spoken and written, so that with ease he can communicate his ideas clearly and imaginatively.

Every student at Cathedral Preparatory School must take four years of English. The freshman program introduces the student to basic skills and understanding that he will need in order to pursue a college preparatory program successfully. Along with the traditional investigation of literature and other genres, study of grammar, and writing of strong sentences and paragraphs, the student learns efficient reading and study habits and library procedures. The sophomore program is a continuation of the freshman program with an emphasis on American literature. The students will be expected to go into greater depth with the literary interpretation, study of usage and mechanics, and extensive experience in writing expository essays, particularly literary analysis essays and research papers in MLA format. Public speaking is emphasized. All juniors must take one year of British literature. Seniors study World literature. Junior and senior courses require the student to demonstrate his refined powers of thought and expression in at least four expository essays each semester and a research paper.

ENGLISH

242H, 243 A English I	All Year
Grade: 9	Credit: 1.0
Prerequisite: None	
The freshman program in English is designed to provide each student with a sound knowledge of the basic principles of grammar and standard English usage and an introduction to the study of literature composed of specific units on the short story, the novel, drama, and poetry. The course emphasizes vocabulary building and practice in the writing of effective sentences and paragraphs. Units on library use, internet research, MLA format and study skills complement these objectives.	
232H, 233 A English II American Literature	All Year
Grade: 10	Credit: 1.0
Prerequisite: English I	
Sophomores study American literature. Essentially, the course covers American literature from the colonial period to the present day. Students develop their writing skills primarily through analyses of and personal responses to the novels, drama and poetry studied. The course continues to emphasize vocabulary building and practice in the writing of effective paragraphs and essays. Units on library use, MLA format and study skills complement these objectives.	
232A – English II AS American Literature	All Year
Grade: 10	Credit: 1.0
Prerequisite: Teacher Recommendation	
Two books are required for summer reading. This course will provide a sound background in the rhetorical terminology, reading compositions on a variety of subjects and writing weekly (and sometimes daily) in the narrative, exploratory, expository, and argumentative formats. The books used are the MC GRAW HILL READER by Gilbert Muller and the McDOUGAL LITTELL on-line American Literature book. Students will analyze essays for purpose, expectations of the audience, tone of the piece, and the voice of the author, in addition to a myriad of other rhetorical strategies. Oral presentations are a requirement also. Throughout the course, students will study the vocabulary needed for the SAT, and how to write for the SAT.	
221AP, 222H, 223A English III British Literature	All Year
Grade: 11	Credit: 1.0
Prerequisite: English II	
Juniors study British literature. This course provides an in-depth study of British literature from the Anglo-Saxon period up to and including the modern period. In addition to critical reading of selected classics from the periods, students are responsible for expository and creative writing as well as an extensive research paper. Grammar usage is enhanced through composition. Vocabulary as well as PSAT and SAT skills are developed through practice exercises, vocabulary lists, and knowledge of prefixes, suffixes and root words.	
211AP, 212H, 213A English IV World Literature	All Year
Grade: 12	Credit: 1.0
Prerequisite: English III	
The senior year explores themes and writers of world literature. Students study the works of writers from the roots of world literature to the Twentieth Century. The class also studies mythology and epic poetry, including the Greek and Roman classics. In composition, the emphasis is on interpretation of material and the written exposition of material. Vocabulary is increased through the use of a vocabulary text as in previous grades. In the field of oral communications, class and group discussions, as well as individual oral reports are assigned to develop effective speech skills. In grammar, the teachers reinforce what has been learned thus far. College application essays are the predominant type of writing during the senior year.	

273 Journalism (Newspaper)	All Year
Grades: 11, 12	Credit: 1.0
Prerequisite: None	
The students will be responsible for composing, typing, editing, designing and publishing the school's monthly newspaper. <i>The Rambler</i> using InDesign and other Creative Suite 2 programs. Day-to-day coursework focuses on open dialogue and critical thinking skills, which use the Austhink method of argument mapping.	
263 Introduction to Public Speaking	One Quarter
Grades: 9, 10, 11, 12	Credit: .25
Prerequisite: None	
The course is designed to develop ease in expressing students' thoughts and feelings effectively and clearly. It includes the basics of a variety of speeches. In addition, students explore group speaking, such as panel discussions and symposiums. Students are videotaped and critiqued in order to recognize their weaknesses and strengths.	
142 The Bible and American Literature	One Quarter
Grades: 11, 12	Credit: .25
Prerequisite: Teacher Recommendation	
This course will explore, discuss and write about the basic way in which the Bible has become a part of American Literature. 1. The Bible has lent names, places parables, and phrases to literary content. 2. It has influenced the style and form in literature. 3. It has constituted a mythic framework for the conveyance of the author's thematic statement.	
256 Argument and Rhetoric	One Semester (taken for Univ. of Pittsburgh credit.)
Grades: 11, 12	Credit: 50 (3 college credits)
Prerequisite: None (requires Honors or AP recommendation.)	
This course examines the fundamentals of argument and intends proficiency in the application of these debating techniques. There are two units in the course. The first examines the foundation of argument construction, support and refutation. The second unit develops argument skills through in class argument activities. There is a written as well as oral component of this course. Each student will participate in several argument activities as well as submit a written evaluation of an activity the student has observed.	

262 Intro to Debate	One Quarter
Grades: 9, 10	Credit: .25
Prerequisite: None	
This class is designed to introduce students to analysis and critical thinking, argumentation concepts and to the activity of high school debate. Both Lincoln Douglas debate and traditional Team debate may be elected by the student who will have to compete once during the 9 week period.	
261 Varsity Debate	One Quarter
Grades: 10, 11, 12	Credit: .25
Prerequisite: Intro to Debate	
This class is for those who are members of the extra-curricular, competitive Debate team. It is primarily designed to be a practicum with emphasis on argument analysis and construction, advanced tournament preparation and speaking practice. All class members must compete in Team debate, Lincoln Douglas debate or Student Congress during the 9 week period.	
257 American Literature Goes to the Movies	One Quarter
Grades: 10	Credit: .25
Prerequisite: None	
Students will view and be expected to write an analysis and reaction to American Classic Movies. The students will then be expected to read reviews of the movies on the internet. Also, the teacher may want the students to film a short movie relating to one of the movie classics. (Care will have to be taken to assure that only movies that are PG-13 or PG will be used.)	
258 SAT Prep	One Quarter
Grades: 11 & 12	Credit: .25
Prerequisite: None	
The SAT Prep course is designed to prepare students for the Scholastic Aptitude Test. Through practice exercises and quizzes, the students develop strategies and skills needed to achieve success on the verbal and writing sections of the test, focusing on sentence completions, reading comprehension, standard written English usage, and impromptu essay development.	
274 Yearbook	All Year
Grades: 11 & 12	Credit: 1.0
Prerequisite: None	
The Yearbook class is responsible for planning, writing and producing an annual yearbook that captures the academic year in pictures and writing, preserving the memories of all that happened during the school year. The class is a step-by-step process that involves a myriad of activities and skills including: photography, journalism, writing, planning, decision making, interviewing, teamwork, leadership, computer skills, and business skills. Workshops are attended each year by staff to continue to learn the latest methods of producing a yearbook. The yearbook is done completely online with the Josten's company. The students learn the entire computer program and produce the book by the end of the school year. Each student is assigned various parts of the yearbook, with everyone taking a leadership role in their assigned area. The result is a yearbook that captures the spirit of Cathedral Prep.	

SOCIAL STUDIES



The social studies curriculum at Cathedral Preparatory School requires students to study World Geography, World History, and U.S. History in their freshman, sophomore, and junior years respectively. The requirement in the senior year includes a minimum of two one semester courses in the social sciences.

Electives in the senior year may include courses in history, political science, sociology, Vietnam and the 60's, and World War II. Courses are labeled as academics, honors and advanced placement. Seniors are encouraged to take more than the required two elective schedule permitting.

The rationale for this curriculum is to help students realize how man and the societies of the past have helped to create the present, and that this study will help the student to envision the possibilities of the future. The study of other social disciplines in the senior year provides the student with a different view point of the same reality.

The overall goal of the social sciences at Cathedral Prep is to help the students to develop into active learners and independent thinkers. Through the evaluation of their learning outcomes, in terms of desirable behavior, will help them cope within today's society.

With this in mind, the following broad categories of objectives are used throughout the department as attention is given to a specific unit.

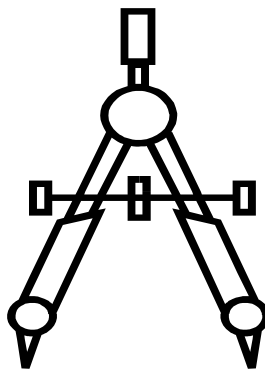
SOCIAL STUDIES

345 Human Geography – AP	Two Semesters
Grade: 9	Credit: 1.0
Prerequisite: None	
AP Human Geography is designed to introduce students to the systematic study of the various patterns and processes that have shaped human understanding, use, and alteration of the earth’s surface. The physical, political, economic, demographic, and social characteristics of human population and their impact on the earth’s environment will be explored and closely examined. Employing the Five Geographic Themes and Human Geography’s seven core topics, students will be equipped with the critical thinking and analytic skills necessary to synthesize geographic data and to recognize causal relationships. From classroom lectures, presentations, research projects, and outside reading, students will be empowered with the tools and information required to be well prepared for the Advanced Placement exam given at the end of the school year.	
331 World History AP	Two Semesters
Grade: 10	Credit: 1.0
Prerequisite: None	
The purpose of the AP Western Civilization course is to develop greater understanding of the evolution of global processes and contacts. The course highlights different human societies and their changes, causes and consequences. Themes and periodization provide organization to the course with emphasis on relevant factual knowledge.	
343 & 344 World History I H & A	Two Semesters
Grade: 9	Credit: 1.0
Prerequisite: None	
World History is a survey course that uses a thematic and comparative approach to world history that focuses on the political, cultural, socio-economic, philosophic, and religious developments of the western world. This course is divided into five major sections: Ancient History, Medieval History and the Renaissance. Since the same text is used for both the honors and academic levels, the goals for each section are essentially the same. However, at the honors level there is a greater emphasis placed on developing the following skills: forming hypothesis, making comparisons, identifying point of view, and understanding causal relationships.	
332 & 333 World History II H & A	Two Semesters
Grade: 10	Credits: 1.0
World History II is a survey course that continues the lessons started in World History I that focuses on the political, cultural, socio-economic, philosophic, and religious developments of the western world. This course is divided into three major sections: Enlightenment, the Age of Discovery and European Dominance, and Modern History. Since the same text is used for both the honors and academic levels, the goals for each section are essentially the same. However, at the honors level there is a greater emphasis placed on developing the following skills: forming hypothesis, making comparisons, identifying point of view, and understanding causal relationships.	
321 American History AP	Two Semesters
Grade: 11	Credit: 1.0
Prerequisite: None	
This course empowers students to understand the study of history as a society and the relationships between the past and present. It teaches the methods of historical study and how to effectively manage large amounts of material through reading, note taking, and research.	

322 & 323 American History H & A	Two Semesters
Grade: 11	Credit: 1.0
Prerequisite: None	
This course gives the student knowledge of American. History, democratic values, and the ability to appreciate the past and its affect on the present and future. It helps the student develop skills of verbal expression, reading, and writing. Knowledge of American History is essential if we are to think critically set goals, solve problems and make decisions that benefit our nation, the world and ourselves.	
312 Introduction to Sociology H	One Semester
Grade: 12	Credit: .50
Prerequisite: None	
Introduction to Sociology is a one-semester course designed to give students a broader understanding of what it means to be human and how individuals relate to others in a group setting. In the course of the semester, students are encouraged to examine the underlying forces, which shape American culture. Classes are devoted to the study of sociological perspectives, important sociologists, social organization, culture, social structure, inequalities and social change.	
314 US Government and Politics AP	One Semester
Grade: 12	Credit: .50
Prerequisite: None	
This course is an introduction to the U.S. Constitution. It will include the 3 branches of Government, Bill of Rights, the Amendments and how they fit together to make our government work.	
315 Comparative Government AP	One Semester
Grade: 12	Credit: .50
Prerequisite: None	
Political Science introduces the student to the various forms of government in the world by using the government of the United States as the basic comparison. This will entail examining existing government structures and philosophies along with their evolution.	
320/304 U.S Government and Politics H & A	One Semester
Grade: 12	Credit: .50
Prerequisite: None	
American Government is an introduction to our national government – including its structure, powers, and relationships to the American People.	

356/357 Vietnam and the Sixties – H & A	One Semester
Grade: 12	Credit: .50
Prerequisite: None	
<p>Vietnam and the Sixties is an in-depth study of this turbulent decade. Among the many significant events which are examined are the war in Vietnam and its effect on an entire generation, the Kennedy Assassination, the Bay of Pigs and the Cuban Missile Crisis, Civil Rights, the Administrations of Lyndon Johnson and Richard Nixon, the Peace Movement, and Watergate. This course not only examines these events, but also explains the effect this decade had on today's society. Teaching methodology includes lectures, guest speakers, and use of a wide variety of tracs and books which are accurate on these subjects. Students are required to do a research project of their choice.</p>	
360/361 World War II H & A	One Semester
Grade: 12	Credit: 50
Prerequisite: None	
<p>This semester elective examines the causes of World War II. It provides a look at the major personalities involved in the conflict and takes an in depth look at the strategies employed by the major powers in all areas of combat. The course concludes with an examination of the results of the war on the world situation.</p>	
393 Global Issues In Contemporary History H	One Semester
Grade: 12	Credit: 50
Prerequisite: None	
<p>The Global Issues in Contemporary Society course will focus mainly on the international crises of our times and the history of these events. The curriculum includes an in depth look at the formation of current borders in the Middle East, an analysis of the roles the United States and Russia have played in Afghanistan with the Taliban, and the beginning of this modern age of terrorism. This will be coupled with a crash course in basic international relations theory discussing the transition of the United States to global superpower throughout the 20th century. By the end of the semester, the instructor hopes to cover the modern challenges of the Middle East, global rivals to United States power, terrorism and the War on Terror, fossil fuels and the potential of an energy crisis, global poverty, and the spread of disease throughout Africa. We will utilize peer reviewed and expert texts as well as documentary films to discuss these issues. The goal is to familiarize students with their modern world in an interactive and stimulating way so that students will engage the problems and discussions of current foreign policy.</p>	

MATH



The Mathematics Department takes very seriously the idea that Cathedral Preparatory School is “college prep.” We offer a strong, fundamental program in mathematics. It is our goal to lay a solid foundation in each course for the next course which the students will take. Since our students take four years of math, this is critical. Students are placed in one of four “tracks” depending on their math scores on the placement exam, Iowa test scores, grade school achievement level and teacher recommendation. Besides the normal sequence of Algebra 1, Geometry, Algebra 2, and Pre-Calculus math, we offer the advanced student an opportunity to enter the accelerated tracks with the top track ending in AP Calculus, which is eligible for 4 college credits through the University of Pitt. Students who successfully complete courses in the accelerated math curriculum will be also able to earn college credit for some courses through Gannon University and/or the AP testing program.

MATHEMATICS

443 Algebra 1 Academic	Two Semesters
Grades: 9	Credit: 1.0
Prerequisite: None	
Algebra 1 is a course in the fundamentals of algebra. The student learns to work with algebraic equations from the standpoint of solving, graphing, and applying them to everyday situations. The course prepares the student to move into the appropriate Geometry, Algebra 2, and Senior math course.	
442 Algebra 1 Honors	Two Semesters
Grades: 9	Credit: 1.0
Prerequisite: Department Placement	
Students who demonstrate math talent and proficiency in most Algebra 1 skills will be placed in this accelerated track course. The course covers Algebra II material. Emphasis will be placed on solving challenging, non-routine problems.	
433 Geometry Academic	Two Semesters
Grades: 10	Credit: 1.0
Prerequisite: Algebra I A, Algebra I H	
This course covers the definitions, postulates, and theorems of geometry as a mathematical system. Students learn to prove and to apply theorems. Topics include congruence, similarity, polygons, circles, perpendicularity, area, and coordinate geometry. Use of algebra in the solution of geometric problems will be emphasized.	
432 Geometry Honors	Two Semesters
Grades: 9, 10	Credit: 1.0
Prerequisite: Teacher Recommendation, Algebra I A, Algebra I H	
Students will cover the topics of geometry in more depth with an emphasis on deductive reasoning and proof. A stronger emphasis is placed on logical processes using higher level algebraic skills.	
431 Accelerated Geometry	Two Semesters
Grades: 9, 10	Credit: 1.0
Prerequisite: Placement Test, Teacher Recommendation, Algebra I H	
The student is given an abstract and concrete approach to logical reasoning and geometric topics with the emphasis on algebraic applications. Emphasis is also placed on developing the student's ability to give accurate explanations on how to solve geometric problems using flow charting, indirect paragraph and formal proof.	
423 Algebra 2 Academic	Two Semesters
Grades: 11	Credit: 1.0
Prerequisite: Algebra I, Geometry	
Algebra 2 students will study the fundamental topics of algebra. Use algebraic expressions and functions model real-life situations.	
422 Algebra 2/Trigonometry Honors	Two Semesters
Grades: 10, 11	Credit: 1.0
Prerequisite: Algebra I, Geometry	
This course covers a full semester of trigonometry that is concerned with the measurement of the parts, sides, and angles of triangles restricted to triangles lying in a plane. Early applications of trigonometry are used to relate this field of mathematics to real world problems such as aviation, navigation, engineering, etc. Complex numbers are also covered in detail. Algebra 2 is covered in the second semester and expands on some of the topics covered in algebra 1 in addition to a more in-depth study of functions. Some additional topics covered are logarithms, conics, matrices, with a strong emphasis of work problems relating to the real world. Technology is incorporated into the course where appropriate.	

421 College Algebra/Trigonometry	Two Semesters
Grades: 11	Credit: 1.0
Prerequisites: Accelerated Geometry, Algebra I H	
<p>This course helps students to develop a good understanding of trigonometry through DeMoivre's Theorem and complex numbers. Throughout the course the students are exposed to connections between trigonometry and the range of real-world applications. Techniques are introduced which illustrate concepts that are used in calculus. A graphing calculator is required for this course.</p> <p>College Algebra is a second semester course designed to build a strong foundation in algebra which encourages students to develop a firm grasp of the underlying mathematical concepts while using algebra as a tool for solving real-life problems. Concepts covered include but are not limited to polynomial and rational functions, exponential and logarithmic functions, matrix algebra, determinants, sequences, series, and other concepts that prepare the student for calculus. Technology is integrated throughout the course used as a tool for visualization, investigation, and verification.</p>	
417 Finite Math & Special Topics	Two Semesters
Grades: 10, 11, 12	Credit: 1.0
Prerequisites: Algebra I H, Geometry Honors or Accelerated Geometry, College Algebra/Trigonometry	
<p>This course is designed to give students a solid background for those continuing on in calculus or looking to major in business, management, economics, or social sciences. Mathematical models for the analysis of decision-making problems are examined. Topics include the echelon method for solving linear equations, matrix manipulations, optimization by linear programming including the simplex method, risk decisions using probability, expected value and statistics. An in-depth study of conics and equations of special lines is included. Additional topics from discrete mathematics, network models, or game theory may be chosen as time permits. Technology is incorporated into this course.</p>	
416 Pre-Calculus	Two Semesters
Grades: 12	Credit: 1.0
Prerequisites: Algebra 1, Geometry, Algebra 2	
<p>This course is designed for those students who do not qualify for Calculus. Emphasis will be on functions, problem solving, trigonometry and reinforcing algebraic techniques. Final segment will introduce logarithms & work with determinants & matrices.</p>	
412 Calculus Honors	Two Semesters
Grades: 12	Credit: 1.0
Prerequisites: Algebra I, Geometry, College Algebra/College Trigonometry or Algebra 2/Trigonometry Honors	
<p>This honors course in calculus provides an indepth study of limits, differentiation and applications, and an introduction to integration.</p>	
411 Calculus AP	Two Semesters taken for (Univ. of Pittsburgh credit)
Grades: 12	Credit: 1.0 (4 college credits)
Prerequisites: Algebra I Honors, Accelerated Geometry, College Algebra/College Trigonometry	
<p>Calculus is one of the most powerful of human intellectual achievements. This course attempts to give the student an appreciation of the beauty of calculus and prepare the student to take the AP exam in May. This course covers an extensive study of limits, all rules for derivatives, their applications, integration and applications, differential equations, L'Hopital's Rule, and improper integrals. Technology is integrated throughout the entire course. A graphing calculator is required.</p>	
415 Probability & Statistics AP	Two Semesters
Grades: 10,11,12	Credit: 1.0
Prerequisite: Algebra I Honors, Accelerated Geometry, College Algebra/Trigonometry	
<p>This course introduces the student to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, planning a study, anticipating patterns, and statistical inference. The use of technology is an integral part of this course.</p>	

SCIENCE



The Science Department of Cathedral Prep has a rich tradition of preparing students to enter science and engineering programs at the collegiate level. Scientific literacy is essential for successful careers in today's technological society.

A comprehensive program including four years of science is required for graduation. Most students graduate with the following sequence of courses: Integrated Science, Biology, Chemistry and Physics. The courses are offered in three levels: academic, honors, and advanced placement. The Department also offers additional course electives that earn curricular credits in science.

Determination of placement will be made in accordance with Science Department guidelines.

Comprehensive lab exercises intended to reinforce basic science theory and principles are included in each course. Lab exercises teach hands-on skills, data collection analysis, and formation of scientific conclusions.

SCIENCE

544 Integrated Science – Academic	Two Semesters
Grade: 9	Credit: 1.0
Prerequisite: Guidance Placement	
<p>The focus of Freshman Integrated Science is to provide students with a foundation upon which to build throughout their years at Prep. An integrated science course connects one area of science to another; it also relates science to technology, society, and other disciplines. Units of study include introductory level instruction in Chemistry, Biology, Earth Science, Physics and Astronomy. Students will be involved in laboratory activities, cooperative learning activities, and critical thinking exercises. Emphasis will be placed on students developing their ability to think, learn, and solve problems.</p>	
543 Integrated Science – Honors	Two Semesters
Grade: 9	Credit: 1.0
Prerequisite: Guidance Placement	
<p>The Honors Integrated Science course covers the same content as the regular's course, but with a more in-depth approach. It requires a higher level of reading comprehension, and higher level thinking skills are employed in all facets of the course. Much more independent work is expected of the students, including a different project each quarter. Determination of placement will be made according to science department guidelines.</p>	
533 Biology I Academic	Two Semesters
Grade: 10	Credit: 1.0
Prerequisite: Integrated Science or Equivalent	
<p>Biology is the study of the structure and function of living things. Biological study involves other scientific disciplines such as Chemistry, Physics, and Geology. The topics included in the course include: tools of the biologist, measurement, organic chemistry, cell structure and function, cell division, maintenance, genetics, and diversity. The student will explore these concepts through laboratories, projects, group work, research, demonstrations, and discussion.</p>	
532 Biology I Honors	Two Semesters
Grade: 10 (also Grade 9 with placement testing)	Credit: 1.0
Prerequisite: Integrated Science or Testing	
<p>Structure and function are a universal theme of life. Biology focuses on the patterns that exist throughout living organisms from sub-atomic particles to the biosphere of planet earth that supports all life. The honors level allows the more gifted student to receive a more detailed approach for all the concepts covered. The class utilizes a community college level text and requires better to reading/comprehension skills. Numerous outside ancillary materials are incorporated in the course. The textbook is used roughly a third of the time for reference. Microscopy work is a central theme, along with model building in the laboratory setting. The course is based in molecular and cellular biology.</p>	
523 Chemistry I Academic	Two Semesters
Grade: 11	Credit: 1.0
Prerequisite: Integrated Science or Equivalent and Biology	
<p>The Chemistry Regulars course is both suitable for students who will not pursue the subject further as well as those who plan to take introductory college chemistry. The course emphasizes the fundamentals of general chemistry. To this end, the following topics are covered: measurement, matter-changes and energy, atomic theory, atomic structure, nomenclature, chemical reactions, chemical bonding, stoichiometry, The gas laws, solutions, and acids & bases. Along with these fundamentals, the students will develop critical thinking and problem solving skills, not only to use in chemistry, but by extension, be of value in other learning situations.</p>	

522 Chemistry I – Honors	Two Semesters
Grade: 10, 11	Credit: 1.0
Prerequisite: Biology I and approval of instructor	
The Chemistry I Honors course is an accelerated college-preparatory course directed to the student with above-average aptitude in mathematics and science. The theory and principles of general chemistry are developed, emphasizing stoichiometry, thermochemistry, atomic and molecular structure, chemical bonding, properties of materials, solutions, acids and bases, and an introduction to kinetics and equilibrium. Laboratory exercises are coordinated with lectures to reinforce basic theory and develop “hands-on” skills.	
513 Physics – Academic	Two Semesters
Grade: 12	Credit: 1.0
Prerequisite: Algebra, Chemistry	
The course is divided into six areas of study: mechanics, properties of matter, heat, sound and light, electricity and magnetism, and finally atomic/nuclear physics. Concepts are stressed with algebra and a minimal amount of trigonometry. The program includes: videotapes, concept-development practice book, laboratory manual and overhead transparencies.	
512 Physics – Honors	Two Semesters
Grade: 12	Credit: 1.0
Prerequisite: Algebra II, Trigonometry, Chemistry	
The honors course uses a non-calculus college text with a vast number of problems ranging from simple to highly challenging in scope. All areas of physics from mechanics to cosmology are covered. Laboratory experiments aid in the application of the course content.	
511 Physics – AP	Two Semesters
Grade: 12	Credit: 1.0
Prerequisite: Department approval, concurrent Calculus	
The AP Physics course is an accelerated college-preparatory course directed to the student with exceptional aptitude in mathematics and science. The theory and principles of general Physics are developed, emphasizing mechanics (statics and dynamics), vibration and wave theory as applied to sound and optics, thermodynamics, electrostatics and electric current and magnetism. Concurrent study of calculus is helpful, but not required. Laboratory exercises are coordinated with lectures to reinforce basic theory.	
529 Environmental Science - Honors	One Semesters
Grades: 11, 12	Credit: .50
Prerequisite: Biology I with a B or higher (approval of instructor for grade 10)	
Environmental Biology is the study of the interaction between organisms and their environment. This relatively young science is evolving quickly so the course will be built around the most up to date discoveries and ideas. Topics will include systems, population dynamics, resource use, energy flow, water, pollution, and environmental law. Students will take field trips, perform lab activities, read and analyze case studies, perform research, and participate in discussions of fact and opinion.	
531 Biology II AP	Two Semesters
Grades: 11, 12 (Grade 10 with recommendation)	Credit: 1.0
Prerequisite: Biology I Honors	
The AP Biology course is a college level course that parallels the molecular and cellular Biology course (SA122) at Gannon University. This would be the initial college course for a Biology major. Biochemistry, cell structure and function, genetics (Mendelian & molecular), energetics along with photosynthesis and respiration are emphasized in the course sequence.	

521 Chemistry II – AP	Two Semesters
Grades: 11, 12	Credit: 1.0
Prerequisite: Completion of Chemistry I and approval of instructor	
<p>The Chemistry II – AP course is offered to the advanced student as a college-level course in general chemistry. Fundamental principles presented in Chemistry I are reviewed and applied to complex problems. More advanced topics, such as equilibria of weak electrolytes, thermodynamics, electrochemistry, and nuclear chemistry are addressed. An introduction to organic chemistry is presented. Laboratory exercises emphasize qualitative analysis and spectroscopy and are intended to develop skill in classical techniques and critical observation. Additional experiments are coordinated with lectures to reinforce basic theory.</p>	
527 Human Anatomy and Physiology H	One Semester
Grades: 11, 12	Credit: .50
Prerequisite: Biology (approval of instructor for grade 10)	
<p>Human Anatomy and Physiology is a one semester science elective offered to those students who have completed Biology with a “B” average or better. This course is designed to prepare the student for anatomy and physiology at the college level. The objectives of the course include: 1) To develop the student’s understanding of the human body as a system emphasizing selected body systems. 2) To develop the student’s understanding of the anatomical components of selected body systems. 3) To develop the student’s understanding of the physiological processes of selected body systems. This is an intense course requiring the learning of large amounts of material. Laboratory work is evaluated with practicums.</p>	

FOREIGN LANGUAGES



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On the first and second year levels, all language classes are divided into HONORS and ACADEMICS. Both the third and fourth year are HONORS.

Cathedral Prep offers the following core-curriculum subjects: Mandarin (Chinese) French, German, Latin, and Spanish. Within these classes, the HONORS level courses use the same textbook as the ACADEMIC classes. However, the material is examined more thoroughly and presented at a much faster pace and more supplementary materials are incorporated into the daily work.

FOREIGN LANGUAGES

635 German I – Academic	Two semesters
Grades: 9, 10	Credit: 1.0
Prerequisite: None	
German I introduces students to the four basic skills of listening, speaking, writing, and reading. Students are also introduced to a considerable amount of grammar in order to write grammatically correct sentences. Audio tapes and cultural notes are an integral part of this class.	
634 German I – Honors	Two semesters
Grades: 9, 10	Credit: 1.0
Prerequisite: None	
German I introduces students to the four basic skills of listening, speaking, writing, and reading. Students are also introduced to a considerable amount of grammar in order to write grammatically correct sentences. Audio tapes and cultural notes are an integral part of this class.	
633 German II – Academic	Two semesters
Grades: 10, 11	Credit: 1.0
Prerequisite: German I	
German II continually develops and improves the four skills introduced in German I. Students are given advanced vocabulary and complex grammatical concepts, which they will use in their compositions. Oral communication skills are further developed by the use of audio tapes.	
632 German II – Honors	Two semesters
Grades: 10, 11	Credit: 1.0
Prerequisite: German I	
German II continually develops and improves the four skills introduced in German I. Students are given advanced vocabulary and complex grammatical concepts, which they will use in their compositions. Oral communication skills are further developed by the use of audio tapes.	
631 German III - Honors	Two semesters
Grades: 11, 12	Credit: 1.0
Prerequisite: German II and teacher recommendation	
German III explores German in the various arts. Reading selections include Schiller, Goethe, Kafka, and Busch. German song lyrics are written down from an audio tape and translated. Poetry is also explored. Full-length movie videos are shown in German. Formal writing skills are honed through weekly compositions during the second semester. Students will continue to use audio and visual resources to increase their proficiency.	
630 German IV – Honors	One semester
Grade: 12	Credit: .5
Prerequisite: German III and teacher recommendation	
German IV reviews all major grammar elements through various standardized tests including SAT achievement tests, New York Regency tests, and AATG practice tests. Major literary works are read and translated. The weekly compositions, which were introduced on the third level, are continued and refined. Oral competency is enhanced by the students' required use of the target language.	
615 Latin I - Academic	Two semesters
Grades: 9, 10	Credit: 1.0
Prerequisite: None	
First Year Latin introduces the student to the Latin language. It seeks to instill an ability to read and pronounce Latin, to provide the beginnings of a basic vocabulary, to impart an understanding of basic forms and syntax, to teach translation of relatively simple Latin into English. In addition, the course strives to stimulate an appreciation of classical civilization.	

614 Latin I – Honors	Two semesters
Grades: 9, 10	Credit: 1.0
Prerequisite: None	
First Year Latin introduces the student to the Latin language. It seeks to instill an ability to read and pronounce Latin, to provide the beginnings of a basic vocabulary, to impart an understanding of basic forms and syntax, to teach translation of relatively simple Latin into English. In addition, the course strives to stimulate an appreciation of classical civilization.	
613 Latin II – Academic	Two semesters
Grades: 9, 10	Credit: 1.0
Prerequisite: Latin I	
Second Year Latin continues the thrust of Latin I. It seeks to further develop the student’s ability to read Latin by expanding his knowledge of Latin vocabulary, grammar and syntax. Students are taught to use Latin to enhance their English vocabulary and syntax and to deepen their awareness and appreciation of Roman history and culture.	
612 Latin II – Honors	Two semesters
Grades: 9, 10	Credit: 1.0
Prerequisite: Latin I	
Second Year Latin continues the thrust of Latin I. It seeks to further develop the student’s ability to read Latin by expanding his knowledge of Latin vocabulary, grammar and syntax. Students are taught to use Latin to enhance their English vocabulary and syntax and to deepen their awareness and appreciation of Roman history and culture.	
611 Latin III – Honors	Two semesters
Grades: 11, 12	Credit: 1.0
Prerequisite: Latin II	
Latin III Honors includes Cicero, Pliny, Ovid, and later Latin Works. The course work also covers the history and culture of the late Roman Republic. Throughout the course, the students review and renew vocabulary and forms of grammar and syntax. The course encompasses aural/oral skills and reading comprehension through the study of Latin prose and through an introduction to Latin poetry.	
610 Latin IV – Honors	One semester
Grades: 11, 12	Credit: .5
Prerequisite: Latin III	
Latin IV Honors includes Vergil, Ovid, Catullus, Horace, and Martial. The course also covers the history and culture of the late roman Republic and the Golden Age of Augustus. Throughout the course, students will renew and review their knowledge of vocabulary and the forms of grammar and syntax. The course emphasizes aural/oral skills and reading comprehension through Latin poetry. Latin IV is intended to increase students’ ability to read and comprehend Latin poetry and to recognize the style and metrics of the poets.	
645 Spanish I – Academic	Two semesters
Grades: 9, 10	Credit: 1.0
Prerequisite: None	
Spanish I provides an introduction of meaningful vocabulary, grammar and pronunciation skills necessary for communication. Students become proficient in the four language skills of speaking, listening, reading and writing. An introduction to the culture, geography, arts and holidays of the Spanish-speaking world is provided through cultural notes, videos and music. Students are able to participate in conversation on familiar topics, read passages, present information in the target language and write paragraphs in the present and preterite tenses.	

644 Spanish I – Honors	Two semesters
Grades: 9, 10	Credit: 1.0
Prerequisite: None	
Spanish I provides an introduction of meaningful vocabulary, grammar, and pronunciation skills necessary for communication. Students become proficient in the four language skills of speaking, listening, reading and writing. An introduction to the culture, geography, arts and holidays of the Spanish-speaking world is provided through cultural notes, videos and music. Students are able to participate in conversation on familiar topics, read passages, present information in the target language, and write paragraphs in the present and preterite tenses.	
643 Spanish II – Academic	Two semesters
Grades: 10, 11	Credit: 1.0
Prerequisite: Completion of Spanish I and Department Placement	
The emphasis in Spanish II is placed on the improvement and continued proficiency of the four language skills. Students acquire a new vocabulary and knowledge of more complex structures. They participate in open-ended conversations, increase reading skills and write compositions through the use of present, past, and future tenses. Accurate pronunciation is stressed.	
642 Spanish II – Honors	Two semesters
Grades: 9, 10, 11	Credit: 1.0
Prerequisite: Completion of Spanish I and Department Placement	
The emphasis in Spanish II is placed on the improvement and continued proficiency of the four language skills. Students acquire a new vocabulary and knowledge of more complex structures. They participate in open-ended conversations, increase reading skills and write compositions through the use of present, past, and future tenses. Accurate pronunciation is stressed.	
641 Spanish III – Honors	Two semesters
Grades: 10, 11, 12	Credit: 1.0
Prerequisite: Completion of Spanish II and Department Placement	
The course will develop advanced language proficiency and cultural knowledge with an emphasis on the four communication skills. Systematical review of grammar and vocabulary with exposure and study of the subjunctive tense. Emphasis is placed on individual and group communicative skills with open-ended situations. Students will learn how to communicate in travel abroad situations. Exposure to authentic Spanish literature. Emphasis is placed on oral proficiency. The course is conducted in Spanish.	
649 Spanish IV – Honors	One semester
Grades: 11, 12	Credit: .5
Prerequisite: Completion of Spanish III and Department Placement	
Spanish IV is designed to reinforce and strengthen the four communication skills. Students will study various works of classic and modern literature, works of art, and music, which they will be expected to discuss and to produce both written and oral responses. Emphasis is placed on oral proficiency. Students will be expected to respond to class activities in Spanish. Students also keep an ongoing journal, written in the target language. Class is conducted in the target language.	
625 French I – Academic	Two semesters
Grades: 9, 10	Credit: 1.0
Prerequisite: None	
This course introduces the student to the French language and francophone cultures. A foundation is laid in this course through the formation of basic reading, writing, listening, and speaking skills. Book work, group work, and creative assignments (i.e. dialogues, design your dream home) reinforce vocabulary and grammar in a meaningful context.	

624 French I – Honors	Two semesters
Grades: 9, 10	Credit: 1.0
Prerequisite: None	
This course introduces the student to the French language and francophone cultures. A foundation is laid in this course through the formation of basic reading, writing, listening, and speaking skills. Book work, group work, and creative assignments (i.e. dialogues, design your dream home) reinforce vocabulary and grammar in a meaningful context.	
623 French II – Academic	Two semesters
Grades: 9, 10, 11	Credit: 1.0
Prerequisite: French I or passing grade on placement test	
This course reinforces basic vocabulary and structures learned previously. It also builds on grammatical concepts and expands the vocabulary base. Students continue to improve their speaking and comprehension of French. More information is provided on the history and art of francophone countries.	
622 French II – Honors	Two semesters
Grades: 9, 10, 11	Credit: 1.0
Prerequisite: French I or passing grade on placement test	
This course reinforces basic vocabulary and structures learned previously. It also builds on grammatical concepts and expands the vocabulary base. Students continue to improve their speaking and comprehension of French. More information is provided on the history and art of francophone countries.	
621 French III – Honors	Two semesters
Grades: 10, 11, 12	Credit: 1.0
Prerequisite: French II and teacher recommendation	
This course builds upon previously introduced skills. Students begin to express their opinions on more abstract ideas. The focus in this course is on the student’s ability to effectively communicate more complex thoughts in speech and writing. Students continue to study francophone art and literature.	
620 French IV – Honors	One semester
Grades: 11, 12	Credit: .5
Prerequisite: French III and teacher recommendation	
This course provides the opportunity for students to fine-tune their written and spoken communication skills in French. Vocabulary and grammatical structures are reviewed as needed. Students continue to study authentic francophone literature and poetry.	

675 Mandarin I (Chinese) - Academic	Two Semesters
Grades: 9,10,11,12	Credit: 1.0
Prerequisite: None	
Chinese I introduces the student to the basic skills of pronunciation, speaking, listening, reading and writing. Basic grammars are provided with the basic sentence structures. Vocabulary is enhanced by listening CDs and completing the workbook.	
674 Mandarin I (Chinese) - Honors	Two Semesters
Grades: 9,10,11,12	Credit: 1.0
Prerequisite: None	
Chinese I provides the students some of the fundamentals of Chinese grammar and pronunciation. The students are expected to write simple Chinese words and use simple Chinese in conversation. They will learn Chinese culture and customs.	
676 Mandarin II (Chinese) - Academic	Two Semesters
Grades: 9,10,11,12	Credit: 1.0
Prerequisite: None	
Chinese II continues to provide the basic speaking, listening, reading and writing skills. Students are given advanced vocabulary and some complex grammatical concepts. Oral communication skills are developed through the class oral practices and presentations.	
677 Mandarin II (Chinese) - Honors	Two Semesters
Grades: 9,10,11,12	Credit: 1.0
Prerequisite: None	
Chinese II continues to provide the basic speaking, listening, reading and writing skills. Students are given advanced vocabulary and complex grammatical concepts. Oral communication skills are developed through the class oral practices and presentations.	
679 Mandarin III (Chinese) - Honors	Two Semesters
Grades: 10,11,12	Credit: 1.0
Prerequisite: Completion of Mandarin II and Department Placement	
Chinese III honors is an intensive course that helps students develop more advanced linguistic skills, to expand on vocabulary and expressions appropriate to different occasions, as well as to systematically review previously studied materials. By the end of the course, students are expected to be able to understand and sustain more complex conversations on familiar topics, to write in Mandarin with coherence and correct grammatical application, and to develop a basic appreciation for Chinese literature.	
680 Mandarin IV (Chinese) - Honors	One Semester
Grades: 11, 12	Credit: 0.5
Prerequisite: Completion of Mandarin III and Department Placement	
Chinese IV is also an intensive course that helps students further develop the use of Chinese characters to create correct Chinese sentences. In addition to mastering the skills of Chinese III, by the end of this course, students are also expected to read and understand short stories that contain Chinese characters. They should also be able to use Chinese characters to write short essays.	

PHYSICAL EDUCATION

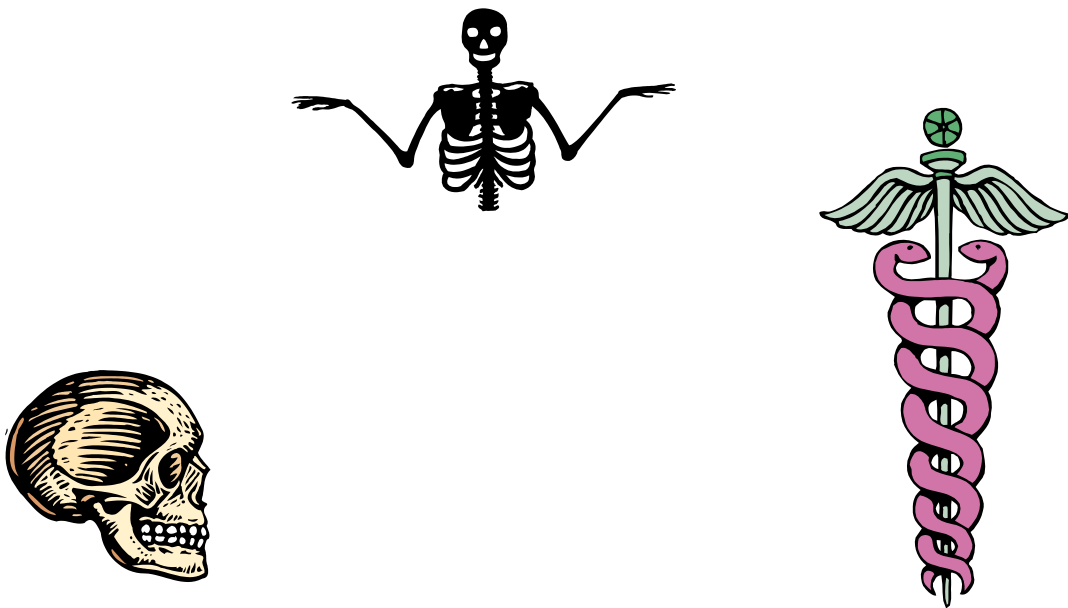


Our goal is to offer a diverse curriculum so that the students develop in mind, body, and spirit, the necessary skills to promote personal fitness. The objectives in this department are to develop coordination, teach the rules, techniques, and strategies involved in physical activities. Our aim is to present an instructional program in lifetime leisure sports and activities, and to encourage our students to attain and maintain a measurable level of physical fitness.

PHYSICAL EDUCATION

951 Physical Education One	One Quarter
Grade: 9	Credit: .25
Prerequisite: None	
Students will participate in both individual and team sports, such as Volleyball, Water Polo, and Team Handball. They will also be tested in physical fitness, conditioning, and weight training. Each student will also maintain a daily journal of activities.	
952 Physical Education Two	One Quarter
Grade: 10	Credit: .25
Prerequisite: Physical Education One	
Students will participate in both individual and team sports, such as Flag Football, Water Polo, and Team Handball. They will also be tested in physical fitness, conditioning, and weight training. Each student will also maintain a daily journal of activities.	
953 Physical Education Three	One Quarter
Grade: 11	Credit: .25
Prerequisite: Physical Education Two	
Students will participate in both individual and team sports, such as Volleyball, Water Polo, and Team Handball. They will also be tested in physical fitness, conditioning, and weight training. Each student will also maintain a daily journal of activities.	
954 Physical Education Four	One Quarter
Grade: 12	Credit: .25
Prerequisite: Physical Education Three	
Students will participate in both individual and team sports, such as Basketball, Water Polo, and Team Handball. They will also be tested in physical fitness, conditioning, and weight training. Each student will also maintain a daily journal of activities.	

HEALTH EDUCATION



The goal of Health Education at Cathedral Preparatory School is to reveal to the students, that the principles of the Roman Catholic Church are consistent with today's concept of a healthy human behavior. The goal is to show that the integration of all concepts taught come to fruition in the growth of the healthy human being. It is NOT how does health apply to life, but how do we apply all of our learning to our HEALTH – LIFE.

HEALTH EDUCATION

961 Health One	One Quarter
Grade: 9	Credit: .25
Prerequisite: None	
This course is designed to study the anatomy and physiology of the human body. The body systems to be covered include: integumentary, skeletal, muscular, nervous, cardiovascular, lymphatic, respiratory, reproductive, endocrine and digestive. Nutrition as related to body functions and growth will be presented. The subject matter will further explore how these systems work together and the common health problems associated with each system. An introduction to human sexuality, healthy relationships and sexually transmitted infections will also be presented.	
963 Health Two	One Quarter
Grade: 11	Credit: .25
Prerequisite: Health One	
The focus of this course is to present material relating to the proper use of medicines and to present and review the consequences of tobacco, alcohol, narcotics and psychoactive drugs. The students will also study communicable and non-communicable diseases and the treatments.	
964 Health Three	One Quarter
Grade: 12	Credit: .25
Prerequisite: Health Two	
The focus of this course is to present material relating to mental health and nutrition. The course is designed to provide students with the skills necessary to react in an emergency situation. The course provides the fundamental knowledge needed to create a safe environment and the appropriate skills required when responding to an emergency. Students who successfully complete this course and meet all Red Cross Standards will achieve the skills necessary to become certified in First Aid and CPR/AED-Adult.	
962 Driver Education	One Quarter
Grade: 10	Credit: .25
Prerequisite: None	
Students will participate in activities that will increase their knowledge of risk assessment and awareness. The students will also learn signs, signals and road markings, the rules of the road, basic driving skills and the natural laws of driving.	



JROTC



The mission of Air Force Junior Reserve Officers Training Corps (JROTC) is to “Develop citizens of character, dedicated to serving their nation and community” with the following stated goals:

To instill

- The value of citizenship
- Service to the United States
- Personal responsibility
- A sense of accomplishment

This mission and accompanying goals combine with the Air Force’s Core Values of “Integrity, Service before Self, and Excellence in All You Do” to clearly support Cathedral Prep’s mission to create young men of “Spirit, Mind, and Body.”

We aim to educate and train our high school cadets in citizenship; to promote community service; to instill responsibility, character, and self-discipline; and to provide first-class instruction in Cultural Studies, principles of flight, leadership, management, and character education.

Specific objectives of the AF JROTC program are:

- 21st Century Themes of Global Awareness, Civic Literacy, Health Literacy, Financial Literacy
- Life skills of Leadership, Social Interaction, Personal Accountability, Personal Initiative & Flexibility
- 21st Century Skills of Problem Solving, Communication and Creativity

In concert with the school’s stated college preparatory role, we have tailored the 4-year AF JROTC curriculum to meet academic requirements and student interests.

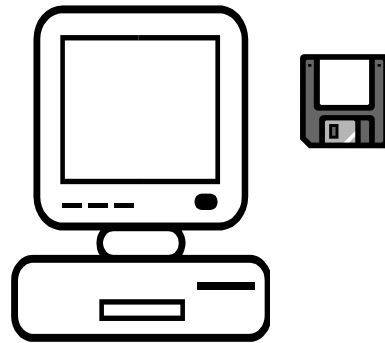
JROTC

965 Aerospace Science I/Cultural Studies I	Two Semesters
Grade: 9	Credit: 1.0
Prerequisite: None	
<p>This is the first year of a two-year course of instruction in Global and Cultural Studies. Cultural Studies is a multidisciplinary course that introduces students to various regions of the world from a geographic, historical and cultural perspectives. The course provides increased international awareness into foreign affairs that permits a more educated understanding of other cultures and enhanced knowledge of America’s interests and role in the global community. Geopolitical issues such as terrorism, economics, politics, security concerns, religion, environmental policies, human rights, disease, over-population, literacy, and other cultural topics will be examined. The regional areas covered are the Middle East, Europe, and Russia and the former Communist nations of Europe and Asia. All students enrolled in this course are required to wear the AF JROTC uniform (provided at no cost to students) on a prescribed uniform wear day each week. Classes are conducted in the proper wear of the uniform, military traditions, the history of JROTC, basic military drill maneuvers, military customs and courtesies, and respect for the flag and its traditions. College credit through the University of Colorado, Colorado Springs may be awarded to students completing this course with a grade of B or higher. This course may be taken to meet the student’s 1st year social studies requirement.</p>	
966 Aerospace Science I/Cultural Studies I H	Two Semesters
Grade: 9	Credit: 1.0
Prerequisite: Recommendation for Honors	
<p>This is the first year of a two-year course of instruction in Cultural Studies. Cultural Studies is a multidisciplinary course that introduces students to various regions of the world from a geographic, historical and cultural perspective. The course provides increased international awareness into foreign affairs that permits a more educated understanding of other cultures and enhanced knowledge of America’s interests and role in the global community. Geopolitical issues such as terrorism, economics, politics, security concerns, religion, environmental policies, human rights, disease, over-population, literacy, and other cultural topics will be examined. The regional areas included in this course are the Middle East, Europe, Russia and the former Communist nations of Europe and Asia. The honors and academic sections of this course are taught utilizing the same textual and supplemental materials. The honors student is required to show greater conceptual understanding and is required to complete ‘term’ projects. All students enrolled in this course are required to wear the AF JROTC uniform (provided at no cost to students) on a prescribed uniform wear day each week. Classes are conducted in the proper wear of the uniform, military traditions, the history of JROTC, basic military drill maneuvers, military customs and courtesies, and respect for the flag and its traditions. College credit through the University of Colorado, Colorado Springs may be awarded to students completing this course with a grade of B or higher. This course may be taken to meet the student’s 1st year social studies requirement.</p>	

967 Aerospace Science II /Cultural Studies II	Two Semesters
Grade: 10	Credit: 1.00
Prerequisite: Successful completion of Aerospace Science I or the permission of the principal	
<p>This is the second year of a two-year course of instruction in Cultural Studies. Cultural Studies is a multidisciplinary course that introduces students to various regions of the world from a geographic, historical and cultural perspective. The course provides increased international awareness into foreign affairs that permits a more educated understanding of other cultures and enhanced knowledge of America's interests and role in the global community. Geopolitical issues such as terrorism, economics, politics, security concerns, religion, environmental policies, human rights, disease, over-population, literacy, and other cultural topics will be examined. The regional areas covered in this course are Asia, Africa, and Latin America. All students enrolled in this course are required to wear the AF JROTC uniform (provide at no cost to students) on a prescribed uniform wear day each week. Classes are conducted in more advanced phases of military drill and color guard, along with classroom instruction in both verbal and written forms of communication, performance feedback, the 'followership' aspect of leadership, and health and wellness topics specific to male adolescents. College credit through the University of Colorado, Colorado Springs may be awarded to students completing this course with a grade of B or higher. This course may be taken to meet the student's 1st year social studies.</p>	
971 Aerospace Science II/Cultural Studies II H	Two Semesters
Grade: 10	Credit: 1.0
Prerequisite: Successful completion of Aerospace Science IH or the permission of the principal	
<p>This is the second year of a two-year course of instruction in Cultural Studies. Cultural Studies is a multidisciplinary course that introduces students to various regions of the world from a geographic, historical and cultural perspective. The course provides increased international awareness and insight into foreign affairs that permits a more educated understanding of other cultures and enhanced knowledge of America's interests and role in the global community. Geopolitical issues such as terrorism, economics, politics, security concerns, religion, environmental policies, human rights, disease, over-population, literacy, and other cultural topics will be examined. The regional areas covered in this course are Asia, Africa, and Latin America. The honors and academic sections of this course are taught utilizing the same textual and supplemental materials. The honors student is required to show greater conceptual understanding and is required to complete 'term' projects. All students enrolled in this course are required to wear the AF JROTC uniform (provided at no cost to students) on a prescribed uniform wear day each week. Classes are conducted in more advanced phases of military drill and color guard, along with classroom instruction in both verbal and written forms of communication, performance feedback, the 'followership' aspect of leadership, and health and wellness topics specific to male adolescents. College credit through the University of Colorado, Colorado Springs may be awarded to students completing this course with a grade of B or higher. This course may be taken to meet the student's 1st year social studies requirement.</p>	

963 Aerospace Science III	Two Semesters
Grade: 11 or 12	Credit: 1.0
Prerequisite: None	
<p>Advanced Aerospace Science and Aerospace Fundamentals is designed to prepare third year cadets for increased roles of responsibility within the corps of cadets and provides them information about themselves, others and leadership. Students receive a blended curriculum which includes the fundamentals of aviation and flight; leadership and management theory; and personal wellness and fitness. Students are assigned to functional positions within the corps of cadet structure and are responsible for cadet personnel, supply, and some planning of extracurricular events. All students enrolled in this course are required to wear the AF JROTC uniform (provided at no cost to students) on a prescribed uniform wear day each week. College credit through the University of Colorado, Colorado Springs may be awarded to students completing this course with a grade of B or higher. This course may be taken to meet the student's 1st year social studies requirement.</p>	
969 Aerospace Science IV	Two Semesters
Grade: 12	Credit: 1.0
Prerequisite: None	
<p>The course is designed to allow 12th grade cadets the freedom and flexibility to design, develop and execute the current year corps of cadets activity program. On-going programs such as the Annual JROTC Military Ball, drill and color guard competitions, personal wellness and fitness programs, cadet physical testing, and cadet field trips are coordinated by AS-4 cadets. All students enrolled in this course are required to wear the AF JROTC uniform (provided at no cost to students) on a prescribed uniform wear day each week. College credit through the University of Colorado, Colorado Springs may be awarded to students completing this course with a grade of B or higher. This course may be taken to meet the student's 1st year social studies requirement.</p>	

TECHNOLOGY



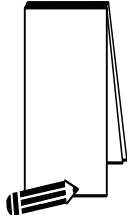
The Computer Department is in full support of the philosophy of Cathedral Preparatory School in the development of the whole man in spirit, body, and mind. As we advance further in the information age, it is the responsibility of this department to enable the student to use the technology as it is used in the adult world of business, science and education with integrity and with Catholic tradition ethics. It is also to provide the students with a perspective, awareness, as well as the skills that prepare them to enter tomorrow's changing world of employment and life-long learning.

TECHNOLOGY

451 Microsoft Word 2007	One Quarter
Grades: 10, 11, 12	Credit: .25
Prerequisite: None	
Word is the word processing component of the Microsoft Office Suite. Students learn the fundamentals of Word 2007 by creating announcements, business letters, research papers, reports, form letters and newsletters. Projects such as these demonstrate how to use spell checkers, a thesaurus, how to insert an organized table of data, apply a chart to data and how to add clip art to visually enhance the document.	
452 Microsoft Excel 2007	One Quarter
Grades: 10, 11, 12	Credit: .25
Prerequisite: None	
Excel is the spreadsheet component of the Microsoft Office Suite. Students learn the fundamentals of Excel 2007 by designing worksheets, creating charts, performing what-if analysis, and using worksheets for database creation and manipulation. Projects such as these demonstrate how to embed a chart, enter formulas, design charts based on entered data, apply built in spreadsheet functions, and how to use visual Basic for Applications.	
455 Microsoft PowerPoint 2007	One Quarter
Grades: 10, 11, 12	Credit: .25
Prerequisite: None	
PowerPoint is the graphics presentation component of the Microsoft Office Suite. Students learn the fundamentals of PowerPoint 2007 by using templates and style checkers to create an on-screen presentation. Clip art, sounds, animations and buttons allow the students to create an interactive presentation.	
468 Microsoft Publisher 2007	One Quarter
Grades: 10, 11, 12	Credit: .25
Prerequisite:	
Microsoft Publisher 2007 is used to create eye-pleasing flyers, handouts, newsletters, letterheads, greeting cards, resumes, and even web sites. Students focus on proper text and graphic layout while working with multiple page documents.	

462 Adobe Photoshop	One Quarter
Grades: 10, 11, 12	Credit: .25
Prerequisite: None	
This course introduces the student in the worlds leading photographic editor. They will be able to edit photographs, and place those photographs into print, web pages and other multimedia.	
463 Adobe Flash	One Quarter
Grades: 10, 11, 12	Credit: .25
Prerequisite: None	
Adobe Flash CS3 Professional software is the most advanced authoring environment for creating rich, interactive content for digital, web, and mobile platforms. Create interactive websites, rich media advertisements, instructional media, engaging presentations, and more.	
400 Introduction to Microsoft Office	One Semester
Grades: 9	Credit: .50
Prerequisite: None	
Introduction to Microsoft Office course will teach the skills you need for basic computing. This course introduces students to the new generation of Microsoft Office which uses features that are specifically designed to engage students, improve retention, and prepare them for future success. The hands-on approach allows the students a work with real world experiences and scenarios. This course will allow students to become more successful in their day to day computer usage at school.	

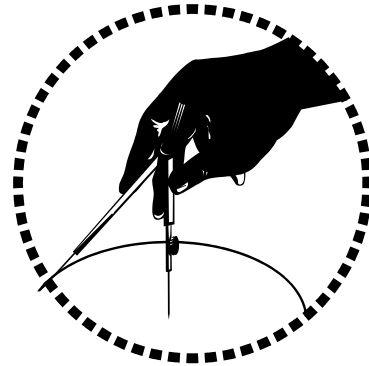
MVP PROGRAM



The mission of the Music, Visual, and Performing Arts School at Cathedral Prep is to

- Educate* **our students with the best artistic training**
- Empower* **our students to use their minds more creatively**
- Inspire* **our students to broaden their life experiences**
- Encourage* **our students to excel in everything they do**
- Equip* **our students for fine arts programs at the University level or to simply be life-long participants in the arts**

VISUAL ART

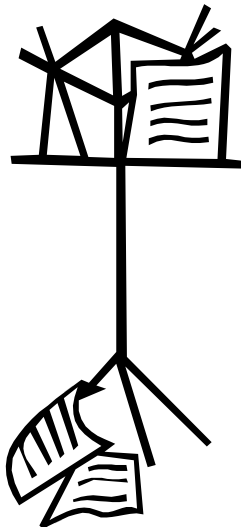


The objective of the Art Department is to provide all students with a positive experience in the Visual Arts. To stimulate an interest in the Fine Arts, give students an opportunity to express themselves in two and three-dimensional media, and provide a sense of personal accomplishment, are all primary goals. In addition, the Art Program provides a challenging and enjoyable variation in the academic routine. These experiences in Art promote both personal growth as well as an appreciation for the aesthetic environment.

ART

740 Introduction to Drawing	One Quarter
Grades: 9, 10, 11, 12	Credit: .25
Prerequisite: None	
The purpose of this course is to introduce the beginning student to the fundamentals of drawing. Through direct observation and attention to basic shapes and forms, the new student is guided through a series of projects designed to enhance his observational skills.	
741 Drawing I	One Quarter
Grades: 9, 10, 11, 12	Credit: .25
Prerequisite: Introduction to Drawing or permission of the instructor	
This course is to follow up to the Introduction to Drawing course and is intended to enhance the skills taught in the initial course. This class will continue the exploration into utilizing the elements and principals of art, different drawing media, and subject matter.	
742 Drawing II	One Quarter
Grades: 10, 11, 12	Credit: .25
Prerequisite: Drawing I	
Drawing II is designed to further develop the student's ability to render accurately objects and compositions from direct observation as well as from photographic sources. Students will work in several different media.	
731 Ceramics	One Quarter
Grades: 10, 11, 12	Credit: .25
Prerequisite: None	
The Ceramics course is designed to introduce the beginning students to the techniques and methods used in creating hand built pottery pieces. The student will become familiar with the materials, handling, and finishing the ceramic pieces. Working with clay will allow students to experience a three-dimensional medium with concepts and considerations that differ from two-dimensional media.	
732 Ceramics 2	One Quarter
Grades 11-12	Credit: .25
Prerequisite: Ceramics 1	
The Ceramics 2 class is open to students who have completed Ceramics 1 and would like to further their study of hand building with clay. Students will focus much more on planning and implementing larger scale ceramic projects. Emphasis will be placed on design and craftsmanship. Projects will be expected to be of a more refined nature, both in design and execution.	
722 Advanced Studio Art	One Quarter
Grades: 11, 12	Credit: .25
Prerequisite: Drawing 1, Ceramics 1, or permission of the instructor	
The Advanced Studio Art course gives students an opportunity to continue exploring art beyond drawing and ceramics. Students will experiment with other artistic media in both two and three dimensional formats. Students will plan out and implement a variety of projects that could include painting, printmaking, mixed media, and different forms of sculpture.	
723 Intro to Painting	One Quarter
Grades: 10, 11, 12	Credit: .25
Prerequisite: None	
This beginning level course is designed for students who are seriously interested in developing their painting skills. This course serves as an introduction to the intense study of painting and the materials, methods, processes and techniques involved in using the medium. This course also examines the importance of art history, art criticism and aesthetics to the study of the process of painting. Units presented will integrate all of the above sections of the practice of art, with a focus on studio projects and assignments.	

MUSIC

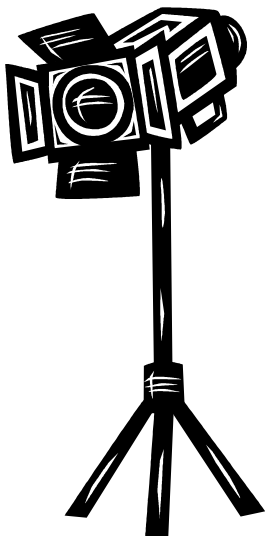


MUSIC

753 Jazz Band	Full Year
Levels: 9-12	Credit: 1.0
Prerequisite: Permission of the instructor	
The Jazz Band utilizes trumpets, trombones, saxophones, piano, guitar, bass, drums, and vibraphone. As one of the main performing ensembles of the school, this class teaches principles of ensemble playing and personal development related to the Jazz Band. All aspects of performance will be discussed and students will be expected to perform at concerts and other various functions as determined by the instructor. Students will be exposed to a variety of popular music, arrangements, and standards and the possibility for small combo playing will also be manifest.	
756 Advanced Percussion Ensemble	Full Year
Levels : 9-12	Credit: 1.0
Prerequisite: Permission of the instructor	
The Percussion Ensemble utilizes marimbas, vibraphones, xylophones, glockenspiels, chimes, drums, ethnic instruments, and various other objects. As one of the main performing ensembles of the school, this class teaches principles of ensemble playing and personal development related to the Percussion Ensemble. All aspects of performance will be discussed and students will be expected to perform at concerts and other various functions as determined by the instructor. Students will be exposed to a variety of popular music, arrangements, and standards.	
750 Beginning Percussion Ensemble	One Semester
Levels: 9-12	Credit: .50
Prerequisite: None	
The Percussion Ensemble utilizes marimbas, vibraphones, xylophones, glockenspiels, chimes, drums, ethnic instruments, and various other objects. As a performing ensemble, this class teaches principles of ensemble playing and personal development related to the Percussion Ensemble. All aspects of performance will be discussed and students will be expected to perform at concerts and other various functions as determined by the instructor. Students will be exposed to popular music, arrangements and standards and will be specifically trained for movement into the Advanced Percussion Ensemble.	
761 Guitar Ensemble	Full Year
Levels: 9-12	Credit: 1.0
Prerequisite: Permission of the instructor	
The Guitar Ensemble is a unique group consisting solely of guitars. As one of the main performing ensembles of the school, this class teaches principles of ensemble playing and personal development related to the Guitar Ensemble. All aspects of performance will be discussed and students will be expected to perform at concerts and other various functions as determined by the instructor. Students will be exposed to a wide variety of popular music, arrangements, and standards.	
762 Piano Ensemble	Full Year
Levels: 9-12	Credit: 1.0
Prerequisite: Permission of the instructor	
The Piano Ensemble is a unique group consisting solely of pianos. As one of the main performing ensembles of the school, this class teaches principles of ensemble playing and personal development related to the Piano Ensemble. All aspects of performance will be discussed and students will be expected to perform at concerts and other various functions as determined by the instructor. Students will be exposed to a wide variety of popular music, arrangements, and four and six-hand literature.	

755 Class Guitar	One Quarter
Levels: 9-12	Credit: .25
Prerequisite: Must have a guitar	
The purpose of this class is to teach students basics through intermediate piano. Students will be introduced to concepts of keyboard playing relative to their level of playing achievement. Individual and group playing will be emphasized and aspects of music theory and music history will also be discussed relative to class content. Students will be exposed to a variety of popular music, arrangements and standards and will learn to read music in both the classical form and the jazz/popular form.	
754 Music Theory	One Semester
Levels: 9-12	Credit: .50
Prerequisite: Solid Musical Background	
The purpose of this class is to give a general understanding of the mechanics of music and composition. Students will examine the scientific, harmonic, melodic, rhythmic and historic aspects of music as they relate to reading, writing and listening to music. All aspects of theory will be discussed including notation, rhythms, scales, chords, texture, chord progressions, historical context and popular music. Because of its familiarity, a great deal of current popular music will be studied, and students will be composing their own music on a regular basis.	
750 Music Appreciation	One Semester
Levels: 9-12	Credit: .50
Prerequisite: None	
The purpose of this class is to give a general understanding of music history, style, and mechanics. Students will study general music theory as well as important composers and their works from music history. An interdisciplinary approach will combine geography, history, world cultures, and science in relation to music and a great deal of emphasis will be placed on critical listening. Because of its familiarity, world and popular music will also be studied including all modern genres and styles.	
765 Concert Band	One Semester
Levels: 9-12	Credit: .50
Prerequisite: Permission of the instructor	
The Concert Band is open to all instrumentalists at all skill levels. At one of the performing ensembles of the school, this class teaches principles of ensemble playing and personal development related to the Concert Band. All aspects of performance will be discussed and students will be expected to perform at concerts and other various functions as determined by the instructor. Students will be exposed to a variety of popular music, arrangements, and standards and the possibility for solo and group playing will also be manifest.	
770 Chorus	One Quarter
Levels: 9-12	Credit: .25
Prerequisite: None	
The chorus is open to all students at all skill levels who wish to learn principles of ensemble performance and personal development related to singing. All aspects of performance will be discussed and students will be expected to perform at concerts and other various functions as determined by the instructor. Students will be exposed to a variety of popular music, arrangements, and standards and the possibility for solo and group singing will also be manifest, especially in relation to the school musicals.	

PERFORMING ARTS





Communications

811 Introduction to Video Production	One Semester
Grades: 9-12	Credit: .50
Prerequisite: None	
An introductory course designed to teach about the various aspects of video production, including: creative camera work, directing techniques, video switching, non-linear editing, audio operation, lighting and special effects.	
821 Advanced Video Production	One Semester
Grades: 10-12	Credit: .50
Prerequisite: Introduction to Video Production	
This course will build upon the student's current knowledge of video production and will provide further experience in the aspects of video programs and video production equipment.	
812 Introduction to Broadcast Journalism	One Semester
Grades: 9-12	Credit: .50
Prerequisite: None	
Introduction to Broadcast Journalism offers a detailed look into broadcast journalism. It starts by looking at the beginning of how news originated and goes through current trends of delivering the news today. The following areas will be discussed: ethics in reporting, laws involved in reporting and how television news is gathered, written, edited, produced and aired for a newscast. You will get hands on experience in a makeshift newsroom while developing your very own newscast.	
813 Intro to Movie Production	One Semester
Grades: 11-12	Credit: .50
Prerequisite: Introduction and Advanced Video Production	
The purpose of Introduction to Movie Production is to use the knowledge gained in the two prerequisite classes and apply that knowledge to the information you will learn in "movie production", to produce two (2) short movies. In this class you will learn the steps used to produce a short movie. In each of the two quarters in which this class runs, you will be required to write, shoot, edit and produce a short movie. The first quarter movie will be ten (10) minutes in length while the 2 nd quarter movies will be fifteen-twenty (15-20) minutes in length.	