

MISSION AND CORE VALUES

Lake Catholic High School is an educational community centered in the mission of Jesus Christ, where young men and women of diverse interest and abilities are encouraged to learn, to work together and to think for themselves. We strive to provide a curriculum and environment that fosters a commitment to excellence, a spirit of respect and compassion, personal integrity and a willingness to serve.

COAT OF ARMS

The mask represents our interaction with one another. The sun depicts the human interaction with God in the Paschal Mystery of Christ's saving death and resurrection. The torch symbolizes our search for truth, while the olive branch represents our quest for peace. The cross and waves are the symbol of the Bishop of the Cleveland Diocese, and the interlocking rings show our partnership of life and love in the Lord. The cross symbolizes our salvation in Christ.

SPIRITUAL LIFE

Lake Catholic High School strives to provide opportunities that support the development of the whole student. Our identity as a Catholic High School in the Diocese of Cleveland and our role as a Catholic Christian Educational Community are centered in the religious education, spiritual development and faith formation of each student. Our Campus Ministry Office provides multiple opportunities for each student to extend classroom education and theory into active faith practices by living the Gospel in our school environment, in local parishes/Churches and in the greater community. These opportunities highlight the spiritual development and strengthen the expression of the Lake Catholic mission. They are considered core educational and service experiences for each student. It is this unique dimension that captures our very identity as Lake Catholic High School.

During the school year, students will participate in several faith experiences, including (but not limited to): Liturgies, Prayer Services, Retreats, Ministry Events, Catholic Social Teaching Experiences, Daily Prayer and Service Opportunities. Students also enjoy a partnership with St. John Vianney Parish and the support of the surrounding Catholic parishes in our greater community, which allows for the presence and the additional support of clergy throughout the area. This comprehensive program provides all students the opportunity to learn, reflect, develop, evaluate and lead faith formation experiences while living the Gospel message in practical, daily life.

Our non-Catholic students also participate in these activities as they relate to the education requirements and the core curriculum of our school. By learning Catholic concepts through classroom studies and participation in active experiences, the intent is for non-Catholic students to learn about, to develop an appreciation for, and to respect Catholic principles as they relate to living an active faith life—not to convert from her/his own organized faith.

Lake Catholic Service Hours Requirements

Willingness to serve is an integral part of the Lake Catholic Mission. The Lake Catholic service requirement is designed to foster a spirit of volunteerism that students will continue long after graduation. Embracing the practice of giving and helping is the true spirit of service. It is in giving that we receive.

All students must complete 40 hours of volunteer service at no less than two different sites by May 1 of their junior year in order to fulfill the requirements for graduation. Students may begin accumulating hours as of May 1 of their 8th grade year.

REGISTRATION PROCEDURES

The process of selecting and scheduling courses is organized as a collaborative effort among the students, parents, teachers and guidance counselors in order to provide the students with a challenging program of study which will prepare them for college, career and life. Admission into various courses at Lake Catholic is based on the placement test results, previous grades, standardized test scores and specific course prerequisites. Throughout the process, parents are invited to provide teachers and counselors with additional information and insights which may impact placement decisions and better meet individual learning needs.

The process of scheduling courses should begin with a careful review of the Program of Studies. Use the planning page located at the back of this book to assist you in mapping out a 4-year plan. The 4-year plan should take into account your particular interests, the recommendations of your counselor, the advice of your parents, the recommended college program and the LC graduation requirements. Note: All courses described in this Program of Studies are offered subject to sufficient enrollment and may be canceled at any time.

Complete the Course Selection form, which requires both your signature and the signature of a parent. **Submit the signed form and your non-refundable registration fee of \$250 on or before March 3, 2012 for the Class of 2016. All other students must submit the signed form by February 3 for Class of 2013, February 10 for Class of 2014, February 21 for Class of 2015 and the non-refundable registration fee by March 30, 2012.** Note: Failure to submit your Course Selection form and your registration fee by the deadline may result in your being closed out of some classes. In addition, a \$25 late fee will be added to the cost of registration.

Lake Catholic is in session from 8:00 am to 3:01 pm each day. Within these hours, the day is divided into nine, 43-minute periods including lunch. In order to take full advantage of the educational opportunities offered at Lake Catholic, students should register for 7 or 8 classes each semester. Students may not have more than 8 study hall periods per week. Classes that meet outside the regular school day are taken in addition to the above requirement.

COURSE PLACEMENT AND PARENTAL WAIVER

We make every effort to place each student in the most appropriate classes based on the student's placement test results, standardized test scores and previous academic progress. Additional information and insights provided by the parent also have a bearing on our decision. If, however, after a placement decision has been made, a parent elects to waive our placement decision, the signed waiver form must be submitted with the course selection form. The student is then placed in the desired class provided all prerequisites for the class have been met, and class size has not been met.

GRADUATION REQUIREMENTS

- 4.0 Religious Studies
- 4.0 English
- 2.0 Foreign Language (Beginning with Class of 2015)
- 3.5 Social Studies (4.0 credits beginning with Class of 2016)
- 3.0 Science
- 3.0 Mathematics (4.0 credits beginning with Class of 2014)
- 0.5 Speech (Beginning with Class of 2015)
- 0.5 Physical Education
- 0.5 Health
- 1.0 Fine & Performing Arts
- 0.5 Computer Science (elective beginning with Class of 2016)

25 TOTAL CREDITS

In order to meet the required **25 total credits** for graduation, electives are to be selected. The elective units can be chosen from fine arts, business, family and consumer science, foreign language or other department courses not otherwise required.

- 1) Students may not have more than 8 study halls a week.
- 2) All students must pass the Ohio Graduation Tests in order to receive a high school diploma.
- 3) Religion credits include the successful completion of 40 hours of community service. Completed forms are due by May 1 of the junior year.
- 4) Lake Catholic may grant academic credit for courses taken prior to 9th grade provided the course was taught by a high school certified teacher and the course of study in effect meets high school curriculum requirements. If academic credit is granted, the grades earned are calculated into the high school grade point average. Transcript of final grade earned in these classes should be forwarded to Lake Catholic.

RECOMMENDED COLLEGE PROGRAM

4	English	
4	Mathematics	(Algebra I and above)
4	Science	(at least 2 lab sciences)
3	Social Studies	
2 or 3*	Foreign Language	(in the same language) *3 preferred for selective colleges
1	Fine Arts	

DIPLOMA WITH HONORS

The State of Ohio awards this recognition to seniors who meet 7 of the 8 requirements listed.

1. Earned four credits of English
2. Earned four credits of Mathematics that included Algebra I, Algebra II, Geometry and another higher level course or a four-year sequence of courses that contain equivalent content
3. Earned four credits of Science that included physics and chemistry
4. Earned four credits of Social Studies
5. Earned either three credits of a foreign language or two credits each of two different languages
6. Earned one credit of Fine Arts
7. Maintained an overall high school grade point average of at least 3.5. (based on a 4.0 weighted scale)
8. Obtained a composite ACT score of a least 27 or obtained a composite SAT score of at least 1210 (excluding scores from the writing sections)

ACADEMIC HONORS

Honor Roll status is recognized at the end of each academic quarter based on the following grade point averages:

First Honors	4.00 or higher
Second Honors	3.60 – 3.99
Third Honors	3.00 – 3.59

Academic Letters are awarded at the conclusion of the academic year to students who have achieved a cumulative grade point average of 3.75 or higher for the first three quarters. Students will receive pins for each additional year in which the cumulative grade point average requirements are met.

Seniors who have earned the first, second, and third highest cumulative grade point averages over seven semesters of high school will be recognized at graduation.

ADVANCED PLACEMENT COURSES

Rigorous, college-level courses offer the opportunity for students to use critical thinking skills and quality resources to further their learning in specific areas of study, as well as the possibility of earning college credit. Final evaluation of course content requires students enrolled in an Advanced Placement (AP) course to take the AP Exam administered each spring at Lake Catholic. The fee for each AP Exam is approximately \$90. For specific information about Advanced Placement credit and placement policies at various colleges and universities, visit www.collegeboard.org/apstudents.

POST-SECONDARY ENROLLMENT OPTIONS

To participate in the Post-Secondary Enrollment Options “B” Program (PSEOP), students must meet criteria established by the college. This criteria may include the attainment of a specified cumulative grade point average and the passage of an assessment test or tests. In addition, the number of college courses a student can take through this program is regulated by the State of Ohio. Students interested in enrolling in college classes through this program must notify the high school guidance counselor before **March 30**. To avoid

conflicts in your schedule, be sure to consult with your guidance counselor prior to enrolling in PSEOP courses offered at the college.

GRADING SCALE

A+	98-100%	4.3
A	95-97%	4.0
A-	93-94%	3.6
B+	91-92%	3.3
B	87-90%	3.0
B-	85-86%	2.6
C+	83-84%	2.3
C	77-82%	2.0
C-	75-76%	1.6
D+	73-74%	1.3
D	71-72%	1.0
D-	70%	.6

Note: Courses with the designation of Honors or Advanced Placement receive a .5 weight when the grade point average is calculated.

NET CLASSROOM

At the beginning of each school year, students and parents are given passwords which allow them to access Net Classroom via the school's website, www.lakecatholic.org. Net Classroom is an on-line gradebook designed to provide timely information about a student's academic progress. Students, as well as parents, are strongly encouraged to monitor grades frequently and to consult with the teacher to address specific needs or concerns.

TUTORIAL PROGRAM

Tutoring is provided by Intervention Specialists for those students with Specific Learning Disabilities as indicated on a Service Plan. The tutoring is scheduled during the student's study hall and takes place in the Intervention Room within a small group setting. Accommodations stated in the Service Plan are provided by both the classroom teacher and the Intervention Specialists. Regular communication between school and home is facilitated through Net Classroom, emails, parent-teacher conferences and phone calls.

TRANSFER STUDENTS

Students transferring to Lake Catholic High School from other secondary schools are obligated to fulfill the Lake Catholic graduation requirements from the point of transfer through graduation. All decisions concerning discrepancies between the different schools' requirements will be made by the Lake Catholic administration. Honors courses taken at a previous school will only be accepted if equivalent courses are offered at Lake Catholic. In general, years of participation in sports or clubs are not recognized and transfer students are not eligible for top academic awards at graduation.

BUSINESS & COMPUTER DEPARTMENT

560 ACCOUNTING – (Schoology – Online)

Grade Level:	10-12	Length:	Y	Pre-requisite:	None
Credit:	1	Periods Per Week:	0	Other:	None
Weight:	None	Type:	E		

See **Schoology Section**

589 ECONOMICS

Grade Level:	11-12	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5	Other:	None
Weight:	None	Type:	E		

Students will analyze fundamental economic theories, such as supply and demand, and learn about the interdependent roles of producers and consumers in the global market place. The study of economics will enhance decision-making skills in their everyday lives.

510 INTEGRATED OFFICE SUITE

Grade Level:	9-12	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5	Other:	None
Weight:	None	Type:	E		

Through the use of integrated projects, students will learn to work with the applications in this powerful suite. They will use Word to learn basic keyboarding skills and formatting, Excel to discover the calculating ability of spreadsheets and Access to learn the functions of a database. PowerPoint will be used to create multi-media presentations. Students will also learn how these applications interface with one another.

511 INTEGRATED OFFICE SUITE

Grade Level:	9-12	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5	Other:	Meets daily at 7:15 am
Weight:	None	Type:	E		

Through the use of integrated projects, students will learn to work with the applications in this powerful suite. They will use Word to learn basic keyboarding skills and formatting, Excel to discover the calculating ability of spreadsheets and Access to learn the functions of a database. PowerPoint will be used to create multi-media presentations. Students will also learn how these applications interface with one another.

599 PERSONAL FINANCE

Grade Level:	11-12	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5	Other:	None
Weight:	None	Type:	E		

Students will learn how to manage his or her monetary affairs by studying topics including credit, banking, insurance, investments, income taxes (1040EZ) and more. They will explore financial concerns that affect them today, in college and into adulthood.

535 WEB DESIGN

Grade Level:	9-12	Length:	S	Pre-requisite:	Integrated Office Suite
Credit:	.5	Periods Per Week:	5	Other:	None
Weight:	None	Type:	E		

Students will discover how to build web sites, forms, dynamic templates and database connectivity. A case-based, problem-solving approach to creating web pages will be used to learn the functions and features of FrontPage including browser previews and split panes.

ENGLISH DEPARTMENT

268 AP ENGLISH LITERATURE & COMPOSITION

Grade Level:	12	Length:	Y	Pre-requisite:	Honors English 11
Credit:	1	Periods Per Week:	5		Application Completed Interview with AP Teacher (Mrs. Scheer)
Weight:	.5	Type:		Other:	AP Test required

Students will read extensively in the major genres. They will practice close reading and the critical analysis of literature. By practicing careful reading, engaging in Socratic discussions, and by writing exploratory thinking papers, longer revised essays, and time limited essay exams, students will become more empathetic and sophisticated readers and writers.

206 HONORS ACADEMIC DECATHLON

Grade Level:	9-12	Length:	Y	Pre-requisite:	None
Credit:	1	Periods Per Week:	5	Other:	Meets at 7:15 am and requires participation in competitions
Weight:	.5	Type:	E		

Students will explore the science, literature, music and art of a specific time period in a specific country as determined by the United States Academic Decathlon competition. Students will also explore basic economics and higher level math skills. Students will prepare a speech and practice for interviews. Students will compete at the State Academic Decathlon Competition and if they qualify, continue on to the national competition. Earning a top score in one of the scrimmages may qualify students to participate in Academic Decathlon as a non-graded, non-credit extracurricular activity.

200 CREATIVE WRITING

Grade Level:	9-12	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5	Other:	None
Weight:	None	Type:	E		

Students will experience the special satisfaction that comes from creative self-expression in writing. They will explore the creative writing process from brainstorming to proofreading their final draft. They will learn a variety of techniques for generating and expressing ideas as they explore various types of writing. During this course students will write poems, short stories, a one act play and a children's book.

210 ENGLISH 9

Grade Level:	9	Length:	Y	Pre-requisite:	Placement
Credit:	1	Periods Per Week:	5		
Weight:	None	Type:		Other:	None

Students will learn a variety of composing strategies as they write and revise narratives and essays of persuasion, description and explanation. They will sharpen their skills in grammar, mechanics and usage as they work with partners to edit and proofread each other's papers. They will continue to expand their vocabulary and develop their critical reading skills as they explore a variety of literature from the classics to the contemporary. Students will also work to polish other essential literacy skills such as speaking, listening and note-taking, dictionary use and basic research.

218 HONORS ENGLISH 9

Grade Level:	9	Length:	Y	Pre-requisite:	Placement
Credit:	1	Periods Per Week:	5		
Weight:	.5	Type:		Other:	None

Students will begin to practice the critical analysis of literature. They will read and respond to a variety of challenging texts from the classics to the contemporary. They will review essential reading strategies and cultivate higher order reading and reasoning skills. They will also develop a variety of composition skills as they write for a variety of audiences and purposes. Students will expand their vocabulary and enhance important study skills such as researching and note-taking.

221 ENGLISH 10

Grade Level:	10	Length:	Y	Pre-requisite:	English 9
Credit:	1	Periods Per Week:	5		
Weight:	None	Type:		Other:	None

Students will read works from a variety of authors in this survey of literature course. They will learn how to use the language of literature study to analyze and respond to a variety of texts critically and with understanding and empathy. Students will read and write about novels, stories, poems, plays and essays for appreciation and understanding.

220 SPEECH (Class of 2015)

Grade Level:	11	Length:	Y	Pre-requisite:	English 10
Credit:	.5	Periods Per Week:	3		
Weight:	None	Type:		Other:	None

Students will learn important and basic strategies for composing and delivering an effective speech. They will learn about and practice researching, writing and presenting speeches. They will deliver speeches on a variety of topics for a number of different purposes.

228 HONORS ENGLISH 10

Grade Level:	10	Length:	Y	Pre-requisite:	Honors English 9
Credit:	1	Periods Per Week:	5		
Weight:	.5	Type:		Other:	None

Students will read a wide variety of world literature by writers from Sophocles to Shakespeare to Achebe. They will learn to interpret and appreciate some of the masterpieces of world literature. In the process, they will broaden their world view and deepen their understanding of their own humanity.

230 ENGLISH 11

Grade Level:	11	Length:	Y	Pre-requisite:	English 10
Credit:	1	Periods Per Week:	5	Other:	None
Weight:	None	Type:			

Students will explore our national literature in its historical and cultural contexts. They will read and write about a variety of American literature including novels, short stories, poems, plays and essays. They will continue to develop their composition skills as they write revised essays, a research paper and essay exams. All of the reading and writing in this class will give students an opportunity to integrate their study of composition with American Literature and U.S. History.

238 HONORS ENGLISH 11

Grade Level:	11	Length:	Y	Pre-requisite:	Honors English 10
Credit:	1	Periods Per Week:	5	Other:	None
Weight:	.5	Type:			

Students will explore our national literature in its historical and cultural contexts. They will read and write about a variety of challenging texts including novels, short stories, poems, plays and essays as they integrate their study of composition with American Literature and U.S. History. They will become more effective writers by developing those composing strategies required for writing longer revised essays, a research paper and essay exams.

243 ENGLISH 12

Grade Level:	12	Length:	Y	Pre-requisite:	English 11
Credit:	1	Periods Per Week:	5	Other:	None
Weight:	None	Type:			

Students will read selected masterpieces of British and world literature from each of the major genres representing a variety of historical periods and diverse cultures. When they read and write about these novels, short stories, plays and poems, they will consider them in their historical and cultural contexts. Additional study of composition skills and expository writing will be required. Students will further develop their writer's voice in college preparatory assignments. Students will take a critical and analytical approach to all texts read and written assignments in this class.

246 HONORS ENGLISH 12

Grade Level:	12	Length:	Y	Pre-requisite:	Honors English 11
Credit:	1	Periods Per Week:	5	Other:	None
Weight:	.5	Type:			

Students will read and discuss a variety of representative texts from British literature of the 7th through the 20th centuries. They will also learn about the origins and early history of the English language. Additional study of composition skills and expository writing will further develop each student's writing style. They will continue to develop their reading, writing, speaking and critical thinking skills by making oral explanations of texts, presenting critical summaries of scholarly articles, writing essay exams and composing longer themes about literature.

202 JOURNALISM

Grade Level:	9-12	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5	Other:	None
Weight:	None	Type:	E		

Students will learn the canons of responsible journalism in a free society. They will learn the principles of good layout, how to write and revise various types of articles, and how to work with and under the supervision of an editor. They will write, edit, layout and publish the school newspaper, the *Lakeline*.

219 MYTHOLOGY

Grade Level:	10-12	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5	Other:	Offered Alternating Years
Weight:	None	Type:	E		Available in 2012-2013

Students will read and discuss a variety of classical myths. They will consider the relationships of myths to religion, philosophy, science, history and literature. They will integrate their reading, writing, listening, and speaking skills as they read and respond to myths from around the world. To enrich their study of mythology, students will participate in a variety of individual and small group creative activities.

212 READING & STUDY SKILLS

Grade Level:	9	Length:	S	Pre-requisite:	Placement and concurrent enrollment in English 9
Credit:	.5	Periods Per Week:	5	Other:	None
Weight:	None	Type:			

Students will develop those reading comprehension and study skills necessary for success in other high school subjects such as English, history, religion and health. They will expand their vocabulary through reading and writing. Students will read for pleasure and for content mastery. They will use writing, group discussions, and projects to develop their comprehension skills. It is recommended that students enrolled in this course postpone their study of foreign language until their sophomore year.

FAMILY & CONSUMER SCIENCE DEPARTMENT

122 ADULT LIVING

Grade Level:	12	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5	Other:	None
Weight:	None	Type:	E		

Students will learn to sew on a button, as well as design and sew a pillow. After studying party planning, students will host a Halloween or Valentine party, while preparing favorite recipes. Topics will also include making healthy choices concerning tobacco, drugs, sexually transmitted infections, alcohol and nutrition.

104 ADVANCED FOODS

Grade Level:	10-12	Length:	S	Pre-requisite:	Survey of Foods
Credit:	.5	Periods Per Week:	5	Other:	None
Weight:	None	Type:	E		

Travel the world through culinary exploration in this class. Each week, students will enjoy the cuisine of a different country by preparing a complete meal from appetizers to desserts. A research project is required based on the student's choice of country.

109 CHILD DEVELOPMENT I

Grade Level:	10-12	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5	Other:	None
Weight:	None	Type:	E		

Students will learn how to care for an infant by using hands on skills. Group projects and discussion will be used to further students' knowledge of childhood diseases, stages of development, the importance of healthy nutrition and toddler education.

111 CHILD DEVELOPMENT II

Grade Level:	10-12	Length:	S	Pre-requisite:	Child Development I
Credit:	.5	Periods Per Week:	5	Other:	None
Weight:	None	Type:	E		

Select stories to read, plan activities, create healthy snacks and interact with 3- and 4-year old children. There will be a possible field trip for experience with preschool children. This course is recommended for students who are considering a career involving young children.

120 FITNESS & NUTRITION

Grade Level:	11-12	Length:	S	Pre-requisite:	Physical Education I
Credit:	.5	Periods Per Week:	5	Other:	
Weight:	None	Type:	E		

In the nutrition portion of the class, students will learn how to best fuel their bodies for daily life and sporting activities. The cooking labs include healthy breakfasts, pasta and stir fry meals, nutritious snacks and smoothies. Weight gain and loss, eating disorders, body composition and fad diets will be addressed. In the fitness portion of the class, students explore the three components of fitness: flexibility, cardiovascular fitness and strength. Students will display competence in designing and managing an individual fitness program designed to meet personal expectations.

118 INTERIOR DESIGN

Grade Level:	11-12	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5	Other:	None
Weight:	None	Type:	E		

Students will learn to decorate like the pros. Projects are used to introduce students to decorating concepts including exterior design, floor plans, hanging wallpaper and furniture arrangement.

101 SURVEY OF FOODS

Grade Level:	9-12	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5	Other:	None
Weight:	None	Type:	E		

Students will learn how to use flour, sugar and other ingredients to create their own baked products. By preparing a different recipe each week, such as macaroni and cheese, tostados and pizza, students will learn

new terms and how to use different cooking equipment. Topics will also include tips for food safety and healthy food choices. Bake lots of cookies and take a final exam that you get to eat!

FINE ARTS DEPARTMENTS

..... THE VISUAL ARTS

325 AP STUDIO ART—DRAWING – (Schoology – Online)

Grade Level:	11-12	Length:	Y	Pre-requisite:	Application Required
Credit:	1	Periods Per Week:	By	Appointment	Minimum of one semester of previous art class
Weight:	.5	Type:	E	Other:	Submission of a portfolio required

See **Schoology Section**

317 ADVANCED POTTERY

Grade Level:	10-12	Length:	S	Pre-requisite:	Pottery
Credit:	.5	Periods Per Week:	5	Other:	None
Weight:	None	Type:	E		

Students will develop proficiency in using the potter's wheel by creating a tea pot in which all pieces are thrown. Students will also throw an oval vase and hand build a North American Wedding pot. They will study decorative processes and cultures of China, Greece and American folk art. Critiquing pottery in terms of its form, function and aesthetic quality is emphasized.

319 ART AND POP CULTURE

Grade Level:	10-12	Length:	S	Pre-requisite:	Art I or Drawing or Painting
Credit:	.5	Periods Per Week:	5	Other:	None
Weight:	None	Type:	E		

Pop culture is the collection of ideas that are well-liked or common and create the current culture. Students will learn how these ideas are influenced by mass media and learn what is involved in creating CD covers, team logos, and magazine ads. Students will learn how pop culture is a part of their everyday lives through clothing, sports, music and film. A field trip will be planned for all students in association with one of these concepts.

307 ART APPRECIATION

Grade Level:	9-12	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5	Other:	None
Weight:	None	Type:	E		

Students will celebrate the arts in cultures from around the world by studying how art is created in diverse cultures. Student projects will include making art, analyzing art, reading about art, comparing art and learning artistic terms.

300 ART I

Grade Level:	9-12	Length:	Y	Pre-requisite:	None
Credit:	1	Periods Per Week:	5		
Weight:	None	Type:	E	Other:	Purchase of art supplies

Art I is a foundation for all the advanced art classes. Learn to draw people, a room or a house in one-point perspective. Paint an animal or landscape. Make a clay pot and learn the printing process. This course offers an understanding of the fundamentals of art through projects in drawing, painting, ceramics and crafts. Students can explore a variety of different art mediums for an exciting and varied year-long art experience.

302 ART II

Grade Level:	10-12	Length:	Y	Pre-requisite:	Art I
Credit:	1	Periods Per Week:	5		
Weight:	None	Type:	E	Other:	Purchase of art supplies

Advanced drawing and painting are only a few of the concepts to be learned in this class. Students will explore a multitude of art mediums when they create sculptures, prints, masks and work in graphic design. Students in Art II can begin to build their art portfolio for college entrance.

304 ART III

Grade Level:	11-12	Length:	Y	Pre-requisite:	Art II
Credit:	1	Periods Per Week:	5		
Weight:	None	Type:	E	Other:	Purchase of art supplies

Portfolio and career exploration in the arts is emphasized in this art class. The student is introduced to materials and techniques used by master artist, such as plaster, printing with fine art materials, painting with acrylics and drawing with color pencils, inks and scratch board. The course will focus on developing greater skills in observation, color theory and design.

306 ART IV

Grade Level:	12	Length:	Y	Pre-requisite:	Art III
Credit:	1	Periods Per Week:	5		
Weight:	None	Type:	E	Other:	Purchase of art supplies

Students electing to take this class are serious artists. Their portfolio is made ready for scholarship competition and college application. Students will experience units in drawing, painting, 3-dimension and graphic design using computer programs such as; illustrator and electronic pads to produce art. Students are expected to keep a sketchpad and document thoughts that could be influential in creating art or reacting to art and experiences.

310 DRAWING

Grade Level:	9-12	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5		
Weight:	None	Type:	E	Other:	Purchase of art supplies

Draw figures, animals, landscapes and more in this class. Students will have the opportunity to work in pencil, charcoal, colored pencil, pastel and ink to name a few of the materials. This drawing course teaches

students how to draw from observation and encourages them to express their thoughts and interest. Students will use contour line, perspective, value and texture in various drawings.

311 PAINTING

Grade Level:	9-12	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5	Other:	Purchase of art supplies
Weight:	None	Type:	E		

Students will create original paintings in tempera paint, watercolor, acrylic and pastels, soft and oil pastels. Students create one-of-a-kind paintings of landscapes, human figures/portraits, animals and design/abstract art. The question, "How'd they do that?" will be answered in this class.

327 PHOTOGRAPHY I

Grade Level:	10-12	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5	Other:	35mm camera and supplies
Weight:	None	Type:	E		

Photography I is a fundamental course in the photographic process. The course examines the beginning of photographic technology to the present practices in photography. There are selected experiences with the film camera, the computer editing program and the cell phone. Students learn the creative acts of man by looking at painting and sculpture and applying the philosophy to the photographic process. A film camera will be provided.

329 PHOTOGRAPHY II

Grade Level:	10-12	Length:	S	Pre-requisite:	Photography I
Credit:	.5	Periods Per Week:	5	Other:	
Weight:	None	Type:	E		

This course is a digital photography class. A digital camera will be provided to the student and the photos are uploaded to a photoshop program to learn the process of digital editing. Many assignments accomplished in Photography I will be simulated using software application to create the darkroom effects learned in Photography I. The class is an introduction to artistic technology.

315 POTTERY

Grade Level:	10-12	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5	Other:	None
Weight:	None	Type:	E		

Students will learn to hand build using the pinch, coil, and slab methods, as well as learning to throw on the wheel. For each method, students will also explore the decorative processes and cultures of North American Indians, Ancient Celts and contemporary designs.

308 SENIOR STUDIO I

Grade Level:	12	Length:	S	Pre-requisite:	Art I or Pottery or Painting or Drawing or Photography I
Credit:	.5	Periods Per Week:	5	Other:	Enrollment will be for <u>first</u> semester
Weight:	None	Type:	E		

In this self-directed class, students study from the masters and explore new materials while making their own art. Each quarter, students create two projects of their own choice in any material. The teacher and

student work together to create art worthy of displaying in a senior art show. Students visit galleries and participate in community art activities. Seniors taking Senior Studio 308 may also sign up for Senior Studio 309 to receive a year credit for Senior Studio.

309 SENIOR STUDIO II

Grade Level:	12	Length:	S	Pre-requisite:	Art I or Pottery or Painting or
Credit:	.5	Periods Per Week:	5		Drawing or Photography I
Weight:	None	Type:	E	Other:	Enrollment will be for second semester

In this self-directed class, students study from the masters and explore new materials while making their own art. Each quarter, students create two projects of their own choice in any material. The teacher and student work together to create art worthy of displaying in a senior art show. Students visit local galleries and participate in community art activities.

. THE PERFORMING ARTS

Note: All bands are Marching Bands during football season and follow a mandatory after school practice schedule during the season. All band members are required to attend Band Camp, which is held each year in late July or early August.

370 BEGINNING CHORAL

Grade Level:	9-12	Length:	Y	Pre-requisite:	None
Credit:	1	Periods Per Week:	5		
Weight:	None	Type:	E	Other:	Performances required

Students in Beginning Choir will understand that music is communication. They will comprehend the words they sing, understand how the music impacts those words and how best to perform their songs. Students will be encouraged to perform to the best of their ability and to grow as musicians. They will learn basic vocal technique, develop aural and sight-singing skills and learn basic music theory.

340 CADET BAND

Grade Level:	9-12	Length:	Y	Pre-requisite:	None
Credit:	1	Periods Per Week:	5	Other:	Marching Band participation
Weight:	None	Type:	E		and Band Camp fee

Students with an interest in music are welcome as first year band members regardless of experience level. Students may select instruments at the beginning of the year based on their preference and the needs of the group. No prior musical experience is necessary. Students will learn to play an instrument and read music, as well as learn how to properly care for a musical instrument.

350 CONCERT BAND

Grade Level:	10-12	Length:	Y	Pre-requisite:	Cadet Band
Credit:	1	Periods Per Week:	5	Other:	Marching Band participation
Weight:	None	Type:	E		and Band Camp fee

Students with one year experience in Cadet Band will further their musical growth in this course. Music ranges from an easy to intermediate level with emphasis on good techniques, tone development and musical interpretation.

375 CONCERT CHOIR

Grade Level:	10-12	Length:	Y	Pre-requisite:	Beginning Choral or audition with the director
Credit:	1	Periods Per Week:	5	Other:	Performances required
Weight:	None	Type:	E		

As part of the premiere vocal-only performance ensemble at the school, students will be expected to show a high level of commitment to the rehearsal process. Concert Choir students will perform a wide range of music and be encouraged to stretch themselves as performers and to grow as musicians. Concert Choir students will further develop vocal technique, aural and sight-singing skills and learn music theory appropriate to their level.

336 DRAMATIC INTERPRETATION

Grade Level:	9-12	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5	Other:	2013-2014
Weight:	None	Type:	E		

Students will be introduced to the elements and exercises involved in an actor's preparation of a role for performance. They will learn to develop an increased sense of dramatic timing, character development, improvisation, physical characterization and overall general confidence. Students will become acquainted with the requirements and expectations of a serious actor by the completion of this course should they choose to pursue a career in theatre.

337 MUSIC APPRECIATION

Grade Level:	9-12	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5	Other:	
Weight:	None	Type:	E		

Students will be introduced to the mechanics, history and literature of music. They will also gain knowledge of the lives of composers, musical forms and eras, instruments of the orchestra, elements of style, and a brief history of Jazz. They will experience how music is used, not only as an art form, but also as an integral social tool.

390 MUSIC THEORY

Grade Level:	9-12	Length:	Y	Pre-requisite:	None
Credit:	1	Periods Per Week:	5	Other:	
Weight:	None	Type:	E		

Students with previous musical experience will develop a thorough foundation in the relationship between written musical notation and its sound. Focusing on melodic, harmonic and formal analysis, students will be prepared for the study of music at a higher level as a performer, composer or musicologist. The importance of a practical application of theory through compositional and aural exercises will be emphasized. Students will study music from Western Europe and the U.S., from c.1750 to the present day.

335 PLAY PRODUCTION

Grade Level:	9-12	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5	Other:	2012-2013
Weight:	None	Type:	E		

Students will be introduced to the basic components involved in the mounting of a theatrical production. They will gain first-hand experience in all areas of theatre including acting, directing, design elements and management. By the completion of this course, students will be equipped to work in some facet of community theatre.

322 SURVEY OF CINEMA

Grade Level:	11-12	Length:	S	Pre-requisite:	Parental permission
Credit:	.5	Periods Per Week:	5		
Weight:	None	Type:	E	Other:	

Students will gain insight into the construction and content of film through this serious study and interpretation of the genre. The content will be comprised of works from early silent film to recent releases. Students will keep a working journal throughout this course of their thoughts and interpretations of each piece viewed. Since this course will contain numerous R-rated works, student and their parents will need to be comfortable with the viewing and discussion of such material.

355 SWING BAND

Grade Level:	9-12	Length:	S	Pre-requisite:	Concurrent enrollment in Cadet Band or Concert Band and audition
Credit:	.5	Periods Per Week:	2		
Weight:	None	Type:	E	Other:	Marching Band participation and Band Camp fee
				Other:	Meets 3:05-4:45 pm Tuesdays and Thursdays, 2 nd semester

Serious music students will increase their stylistic ability by performing in this select ensemble. The main focus of style is that of Jazz, Swing and Big Band music. Candidates are accepted by way of audition with the director. There are also opportunities for vocalists to enroll in this class based upon proficiency.

360 SYMPHONIC BAND

Grade Level:	10-12	Length:	Y	Pre-requisite:	Audition
Credit:	1	Periods Per Week:	5	Other:	Marching Band participation and Band Camp fee
Weight:	None	Type:	E		

Serious music students are selected through auditions. Music ranges from medium-difficult to difficult and instrumentation is limited to a wind ensemble setting (one or two on a part). Developing music interpretation and expression of music is always the highest goal.

380 SYMPHONIC CHOIR

Grade Level:	11-12	Length:	Y	Pre-requisite:	Concert Choir
Credit:	1	Periods Per Week:	5		
Weight:	None	Type:	E	Other:	Performances required

Symphonic Choir students study and perform a wide variety of musical styles including classical, modern, jazz and Broadway. They are expected to show the highest level of commitment to the rehearsal process as they further develop vocal technique, aural and sight-singing skills and learn music theory appropriate to their level. Members may be invited to join small ensembles to learn chamber music for solo and ensemble contest. Symphonic Choir performs at least five times a year.

FOREIGN LANGUAGE DEPARTMENT

450 BASIC MANDARIN CHINESE

Grade Level:	9-12	Length:	Y	Pre-requisite:	
Credit:	1	Periods Per Week:	5	Other:	
Weight:	None	Type:	E		

This class will introduce basic level Chinese language skills within context of the Chinese culture. Students will learn Pinyin and recognize basic Chinese characters, as well as understand simple structures of the spoken language. The language components and cultural components will be explored and utilize simple text and dialogue.

400 BUILDING COLLEGE VOCABULARY

Grade Level:	10-12	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5	Other:	None
Weight:	None	Type:	E		

Students will be engaged in building vocabulary for comprehension, college reading, and SAT verbals through word families, Latin and Greek roots, context clues and etymology. This course includes some test-taking and word attack skills.

430 FRENCH I

Grade Level:	9-12	Length:	Y	Pre-requisite:	None
Credit:	1	Periods Per Week:	5	Other:	None
Weight:	None	Type:	E		

Students will be introduced to the French language with emphasis on the basic listening, speaking, reading and writing skills. Students will also be introduced to the land and the people of France, as well as the cultures, customs and traditions of other French-speaking countries around the world.

432 FRENCH II

Grade Level:	9-12	Length:	Y	Pre-requisite:	French I
Credit:	1	Periods Per Week:	5	Other:	Current Teacher Recommendation
Weight:	None	Type:	E		

Students will continue working on their listening, speaking, reading and writing skills by expanding their exposure to more complex grammatical constructions and vocabulary. They will also continue in their study of the culture of the francophone world.

434 FRENCH III

Grade Level:	10-12	Length:	Y	Pre-requisite:	French II
Credit:	1	Periods Per Week:	5	Other:	Current Teacher Recommendation
Weight:	None	Type:	E		

Students will further develop their communication skills so that daily conversations in French become more natural. The study of grammatical structures becomes still more advanced, and culture continues to be a part of the curriculum.

436 FRENCH IV

Grade Level:	11-12	Length:	Y	Pre-requisite:	French III
Credit:	1	Periods Per Week:	5	Other:	Current Teacher Recommendation
Weight:	None	Type:	E		

This level entails review of grammatical structures and much more attention to conversation. Reading literature and writing summaries of the readings or responses to what has been read is expected. More in-depth study of culture will be included as well.

420 GERMAN I

Grade Level:	9-12	Length:	Y	Pre-requisite:	None
Credit:	1	Periods Per Week:	5	Other:	None
Weight:	None	Type:	E		

Students will be introduced to the German language with emphasis on basic listening, speaking, reading and writing skills. They will also study the customs and culture of German-speaking people, especially the daily life of high school students and current events.

422 GERMAN II

Grade Level:	10-12	Length:	Y	Pre-requisite:	German I
Credit:	1	Periods Per Week:	5	Other:	Current Teacher Recommendation
Weight:	None	Type:	E		

Students will expand their knowledge, practice and experience of written and oral communication in German with an emphasis on more complex grammatical structures, additional vocabulary, history, geography and culture.

424 GERMAN III

Grade Level:	11-12	Length:	Y	Pre-requisite:	German II
Credit:	1	Periods Per Week:	5	Other:	Current Teacher Recommendation
Weight:	None	Type:	E		

Students will continue to develop communication skills in German so that daily conversation on numerous topics becomes normal. Consideration of advanced grammatical topics will support more complex writing and reading assignments including short stories, poems and a youth-oriented novel.

426 GERMAN IV

Grade Level:	12	Length:	Y	Pre-requisite:	German III
Credit:	1	Periods Per Week:	5	Other:	Current Teacher Recommendation
Weight:	None	Type:	E		

Students will further develop their understanding of German culture through readings in history, the arts and literature including a play, poetry, songs, history text, newspapers and magazines. Communication skills will continue to improve through more complex conversations and writing in response to literature and current topics.

410 LATIN I

Grade Level:	9-12	Length:	Y	Pre-requisite:	None
Credit:	1	Periods Per Week:	5	Other:	None
Weight:	None	Type:	E		

Students will be introduced to the study of Latin with major emphasis on vocabulary, structure and grammar, as well as mythology, culture, Latin phrases and derivatives.

412 LATIN II

Grade Level:	10-12	Length:	Y	Pre-requisite:	Latin I
Credit:	1	Periods Per Week:	5	Other:	Current Teacher Recommendation
Weight:	None	Type:	E		

Students will continue to study Latin structure with increased emphasis on reading and translation, as well as history and culture. Vocabulary, mythology, Latin phrases and English derivatives will continue to be important.

414 LATIN III

Grade Level:	11-12	Length:	Y	Pre-requisite:	Latin II
Credit:	1	Periods Per Week:	5	Other:	Current Teacher Recommendation
Weight:	None	Type:	E		

Students will continue their study of Latin language and culture with advanced grammar, readings in Caesar, Pliny, Ovid, Plautus or Terence. Students will also learn about mythology, English derivatives and Latin phrases.

416 LATIN IV

Grade Level:	12	Length:	Y	Pre-requisite:	Latin III
Credit:	1	Periods Per Week:	5	Other:	Current Teacher Recommendation
Weight:	None	Type:	E		

Students will deal with the most advanced grammatical concepts while reading Vergil, Cicero, and selections from Carmina Burana and Carmina Catulli. There will be a continued emphasis on Roman culture, English derivatives and myth-related English literature.

440 SPANISH I

Grade Level:	9-12	Length:	Y	Pre-requisite:	None
Credit:	1	Periods Per Week:	5	Other:	None
Weight:	None	Type:	E		

Students will be introduced to the Spanish language with emphasis on grammar structures. Listening exercises will be introduced and students will develop speaking skills in Spanish through conversation and answering questions. Students will read about the culture in Spanish speaking countries.

442 SPANISH II

Grade Level:	9-12	Length:	Y	Pre-requisite:	Spanish I
Credit:	1	Periods Per Week:	5	Other:	Current Teacher Recommendation
Weight:	None	Type:	E		

Students will be engaged in further development of Spanish I skills with increased attention to reading, writing and grammar. Vocabulary will be useful and practical so students may apply it to everyday conversation.

444 SPANISH III

Grade Level:	10-12	Length:	Y	Pre-requisite:	Spanish II
Credit:	1	Periods Per Week:	5	Other:	Current Teacher Recommendation
Weight:	None	Type:	E		

Students will further develop their reading, writing, speaking and grammatical skills through topics such as the life and people of Spain, short stories, literature, culture, current events and projects. Speaking through everyday conversation will also be emphasized.

446 SPANISH IV

Grade Level:	11-12	Length:	Y	Pre-requisite:	Spanish III
Credit:	1	Periods Per Week:	5	Other:	Current Teacher Recommendation
Weight:	None	Type:	E		

Students will further develop their writing skills through a journal and papers. They will also develop their speaking skills through everyday conversation and speeches. Their grammatical skills will be reviewed and new points added. Students will learn about the culture and history of Mexico and various other Spanish-speaking countries. Reading will be enhanced by 20th and 21st century writers.

HEALTH & PHYSICAL EDUCATION DEPARTMENT

120 FITNESS & NUTRITION

Grade Level:	11-12	Length:	S	Pre-requisite:	Physical Education I
Credit:	.5	Periods Per Week:	5	Other:	None
Weight:	None	Type:	E		

In the fitness portion of the class, students explore the three components of fitness: flexibility, cardiovascular fitness and strength. Students will display competence in designing and managing an individual fitness program designed to meet personal expectations. Students will participate in fitness testing and activities. In the nutrition portion of the class, students will learn how to best fuel their bodies for daily life and sporting activities. The cooking labs include healthy breakfasts, pasta and stir fry meals, nutritious snacks and smoothies. Weight gain and loss, eating disorders, body composition and fad diets will be addressed.

130 HEALTH

Grade Level:	9	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5	Other:	None
Weight:	None	Type:			

Students will study aspects of physical, mental, and social health. They will learn the importance of balancing these components for optimal lifetime health. Decision-making skills are emphasized. Students will have many opportunities to discuss and analyze current health issues.

140 PHYSICAL EDUCATION I

Grade Level:	9	Length:	S	Pre-requisite:	None
Credit:	.25	Periods Per Week:	5	Other:	None
Weight:	None	Type:			

Students will develop and improve on basic skills in various team and individual activities. Emphasis is placed on understanding the importance of lifetime fitness. Students will explore principles of sportsmanship and display these attributes in all areas.

150 PHYSICAL EDUCATION II

Grade Level:	10	Length:	Y	Pre-requisite:	Physical Education I
Credit:	.25	Periods Per Week:	3	Other:	None
Weight:	None	Type:			

Students will work to further develop knowledge and practical application of fitness for life skills. Both team and individual sports will be highlighted. Students will expand on basic skills and also demonstrate knowledge of how to implement an individual fitness program.

INDUSTRIAL TECHNOLOGY DEPARTMENT

930 ARCHITECTURE

Grade Level:	10-12	Length:	S	Pre-requisite:	AutoCAD I
Credit:	.5	Periods Per Week:	5	Other:	None
Weight:	None	Type:	E		

Students will learn the building codes, principles of design and blueprinting of residential structures. Using Computer Aided Design (CAD), students will draw sections, plot plans and different elevations for a house of their own design.

925 AutoCAD I

Grade Level:	9-12	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5	Other:	None
Weight:	None	Type:	E		

Students will use the software of AutoCAD to draw and design objects and blueprints in the areas of orthographic projection, dimensioning, pictorials and sections. Topics studied in this course provide a good base of knowledge for college level courses in engineering, design or architecture. Student projects include designing and illustrating a vehicle of their choice.

931 AutoCAD II

Grade Level:	9-12	Length:	S	Pre-requisite:	AutoCAD I
Credit:	.5	Periods Per Week:	5	Other:	None
Weight:	None	Type:	E		

Students will continue to build on the skills learned in AutoCAD I and learn new skills in sectioning, architectural floor plans, planes in space, exploded pictorials, vectors, point loads and developments.

940 CONSTRUCTION I

Grade Level:	11-12	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5	Other:	Safety glasses required
Weight:	None	Type:	E		

Students will learn how to use power and hand tools to repair and/or construct projects for themselves or their homes. Students will develop skills in measuring, cutting, drilling and assembling various building projects. This course provides hands on experience for those interested in construction or their own home maintenance.

950 CONSTRUCTION II

Grade Level:	11-12	Length:	S	Pre-requisite:	Construction I
Credit:	.5	Periods Per Week:	5	Other:	Safety glasses required
Weight:	None	Type:	E		

Students will add to the skills learned in Construction I by working on more in-depth building projects. Students are encouraged to collaborate with other students in completing their projects and broadening their scope of the construction industry.

960 HOME MAINTENANCE

Grade Level:	12	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5	Other:	None
Weight:	None	Type:	E		

Students will learn basic background information for purchasing and maintaining a home. Topics include electrical, plumbing, insulation, painting, hand tools, power tools and simple repairs. Basic repair and maintenance of a car is also covered.

911 MECHANICAL DRAWING

Grade Level:	9-12	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5	Other:	
Weight:	None	Type:	E		

Students will learn the basic skills of mechanical drafting using t-squares, triangles, compasses and scales. They will study areas of design, orthographic projection, pictorials, lettering, sectioning, sketching and blueprint reading. Topics in this course will prepare students for college level courses in design, engineering, graphics and CAD systems.

MATHEMATICS DEPARTMENT

678 AP CALCULUS AB

Grade Level:	12	Length:	Y	Pre-requisite:	Honors Pre-calculus
Credit:	1	Periods Per Week:	7	Other:	Complete Application Process AP Test required and TI-84 calculator
Weight:	.5	Type:	E		

Students will have the opportunity to study functions and their behavior from a more rigorous perspective. They will explore concepts and applications of derivatives and integrals that include tangent lines, areas and volumes, maximum and minimum quantities, and the study of position, velocity and acceleration.

610 ALGEBRA I

Grade Level:	9	Length:	Y	Pre-requisite:	Placement
Credit:	1	Periods Per Week:	5	Other:	None
Weight:	None	Type:			

Students will build an understanding of real numbers by using symbolic, graphic and numeric representations as they solve equations and inequalities. Students will also work with scatter plots and functions to model two-variable data. In addition, students will learn how to write equivalent forms of polynomial, radical, and rational expressions and will begin to use geometric models with proportions, percent and probability.

601 CONCEPTS OF ALGEBRA I

Grade Level:	9	Length:	Y	Pre-requisite:	Placement
Credit:	1	Periods Per Week:	5	Other:	None
Weight:	None	Type:			

Students will study linear functions, absolute value functions, exponential functions, quadratic functions, and inequalities. They will learn factoring techniques, properties, and methods of solving linear and quadratic equations. The students will explore characteristics of graphs, write equations, solve systems of inequalities, use the quadratic formula, and study direct and inverse relationships. They will have the opportunity to apply algebraic strategies to solve real world word problems.

618 HONORS ALGEBRA I

Grade Level:	9	Length:	Y	Pre-requisite:	Placement
Credit:	1	Periods Per Week:	5	Other:	None
Weight:	.5	Type:			

Students will study linear and quadratic equations and inequalities, factoring, fractions, radicals and exponents, and linear graphing techniques. In addition, students will explore various methods used in solving numerous types of word problems.

630 ALGEBRA II

Grade Level:	11	Length:	Y	Pre-requisite:	Geometry
Credit:	1	Periods Per Week:	5	Other:	None
Weight:	None	Type:			

Students will continue to explore concepts introduced in Algebra I. They will have the opportunity to study deductive reasoning, problem-solving and more intricate concepts of Algebra. Students will develop pre-requisite skills to be used in College Algebra or Pre-calculus.

607 CONCEPTS OF ALGEBRA II

Grade Level:	11	Length:	Y	Pre-requisite:	Concepts of Geometry
Credit:	1	Periods Per Week:	5	Other:	None
Weight:	None	Type:			

Students will continue their development of algebraic skills studying linear and quadratic functions, equations, and inequalities. They will develop problem solving skills and will extend their knowledge of functions that are rational, radical, and higher degree polynomials. Students will have the opportunity to use linear regression, study more advanced factoring techniques, solve exponential and logarithmic equations, and be introduced to the conic sections and trigonometric functions.

638 HONORS ALGEBRA II

Grade Level:	9-11	Length:	Y	Pre-requisite:	Placement or
Credit:	1	Periods Per Week:	5		Honors Algebra I
Weight:	.5	Type:		Other:	Teacher Recommendation

Students will continue to explore concepts presented in Honors Algebra I and develop problem solving and critical thinking skills. Polynomial functions, rational functions, exponential and logarithmic functions will be studied in depth and the beginning concepts of trigonometry will be introduced.

665 COLLEGE ALGEBRA

Grade Level:	11-12	Length:	Y	Pre-requisite:	Algebra II
Credit:	1	Periods Per Week:	5		
Weight:	None	Type:	E	Other:	None

Students will continue their development of algebraic skills while working with linear and quadratic equations and inequalities in one and two variables. Numerous methods for solving systems of equations are explored. Factoring polynomials, properties of rational expressions, operations with radicals, and working with both integral and rational exponents are reviewed. Various algebraic and transcendental functions are studied in detail. Conic sections are introduced.

667 FINANCIAL ALGEBRA

Grade Level:	12	Length:	Y	Pre-requisite:	Algebra II and Geometry
Credit:	1	Periods Per Week:	5		
Weight:	None	Type:		Other:	None

Students will have the opportunity to connect algebra to the real world through application based problems that use real life scenarios having to do with investing, banking, credit, income tax, insurance, and household budgeting. This is a course that will give students the opportunity to understand financial concepts in mathematical terms.

661 TRANSITIONAL ALGEBRA FOR COLLEGE

Grade Level:	12	Length:	Y	Pre-requisite:	Concepts of Algebra II
Credit:	1	Periods Per Week:	5		
Weight:	None	Type:	E	Other:	None

Students will continue their development of algebraic skills studying linear and quadratic functions, equations, and inequalities in preparation for college mathematics. They will develop problem solving skills and will extend their knowledge of functions that are rational, radical, and higher degree polynomials. Students will have the opportunity to study more advanced factoring techniques, complex numbers, solve exponential and logarithmic equations, and be introduced to the conic sections, and trigonometric functions. They will investigate arithmetic and geometric sequences and series and binomial expansions. Students will have the opportunity to develop problem solving skills and apply algebraic concepts to real world word problems.

650 GEOMETRY

Grade Level:	10	Length:	Y	Pre-requisite:	Algebra I
Credit:	1	Periods Per Week:	5		
Weight:	None	Type:		Other:	None

Students will explore the study of plane geometry. The process will begin with students analyzing undefined terms and will progress to include basic definitions, postulates and theorems which show how this typical mathematical system develops. Concepts the students will learn include proofs, constructions and theorems involving lines, triangles, quadrilaterals and circles.

604 CONCEPTS OF GEOMETRY

Grade Level:	10	Length:	Y	Pre-requisite:	Concepts of Algebra I
Credit:	1	Periods Per Week:	5		
Weight:	None	Type:		Other:	None

Students will explore Euclid's world of geometry. They will have the opportunity to develop inductive and deductive reasoning skills. The students will study lines, angles, triangles, properties of equality, congruence, and similarity. They will investigate reflection, symmetry, polygons, and circles. Students will use ratio and proportion, apply concepts of area, perimeter, surface area, and volume, and be introduced to the special right triangles and the trigonometric ratios. Students will derive theorems; develop proofs, and complete constructions involving lines, triangles, quadrilaterals, and circles.

655 HONORS GEOMETRY

Grade Level:	10	Length:	Y	Pre-requisite:	Honors Algebra I or Honors Algebra II
Credit:	1	Periods Per Week:	5		
Weight:	.5	Type:		Other:	Teacher Recommendation

Students will learn all of the theorems, corollaries and postulates that will encompass a study of plane geometry. They will analyze geometric figures and apply the proper theorems. Students will also prepare and deliver to the class a field project involving the Pythagorean Theorem.

670 HONORS DISCRETE MATH

Grade Level:	12	Length:	Y	Pre-requisite:	Honors Pre-calculus
Credit:	1	Periods Per Week:	5		
Weight:	.5	Type:	E	Other:	Teacher Recommendation

Students will study discrete mathematics topics including, but not limited to, explorations in vector analysis, matrices, statistics, probability and curve fitting. Students will also be introduced to calculus.

668 HONORS PRE-CALCULUS

Grade Level:	11-12	Length:	Y	Pre-requisite:	Honors Algebra II
Credit:	1	Periods Per Week:	5		
Weight:	.5	Type:	E	Other:	Complete Application Process TI-84 calculator

Students will study relations and functions, exponential and logarithmic functions, as well as trigonometric functions, identities and equations.

673 STATISTICS

Grade Level:	11-12	Length:	Y	Pre-requisite:	Algebra II and Geometry
Credit:	1	Periods Per Week:	5		
Weight:	None	Type:		Other:	Graphing Calculator TI-84

Students will have the opportunity to study elementary principles of statistics and probability, including frequency distributions and graphs, data descriptions, normal distributions, sampling concepts, correlations, and regressions.

675 HONORS STATISTICS

Grade Level:	11-12	Length:	Y	Pre-requisite:	Algebra II and Geometry
Credit:	1	Periods Per Week:	5		
Weight:	.5	Type:		Other:	Teacher Recommendation Graphing Calculator TI-84

Students will have the opportunity to study elementary principles of statistics and probability, including frequency distributions and graphs, data descriptions, normal distributions, sampling concepts, correlations, and regressions. Students will be required to complete four quarterly independent studies or projects to fulfill the honors criteria.

RELIGIOUS STUDIES DEPARTMENT

014 THE REVELATION OF JESUS CHRIST IN THE SCRIPTURE

Grade Level:	9	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5		
Weight:	None	Type:		Other:	None

The purpose of this course is to give students a general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible they will come to encounter the living Word of God, Jesus Christ. In this course, they will learn about the Bible authored by God through Inspiration, and its value to people throughout the world. If they have not been taught this earlier, they will learn how to read the Bible and will become familiar with the major sections of the Bible and the books included in each section. The students will pay particular attention to the Gospels, where they may grow to know and love Jesus Christ more personally.

015 WHO IS JESUS?

Grade Level:	9	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5		
Weight:	None	Type:		Other:	None

The purpose of this course is to introduce students to the mystery of Jesus Christ, the living Word of God, the Second Person of the Blessed Trinity. In this course students will understand Jesus Christ is the ultimate Revelation to us from God. In learning about who he is, the students will also learn who he calls them to be.

024 THE MISSION OF JESUS CHRIST (THE PASCHAL MYSTERY)

Grade Level:	10	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5		
Weight:	None	Type:		Other:	None

The purpose of this course is to help students understand all that God has done for us through his Son, Jesus Christ. Through this course of study, students will learn that for all eternity, God has planned for us to share eternal happiness with him, which is accomplished through the redemption Christ won for us. Students will learn that they share in the redemption only in and through Jesus Christ. They will also be introduced to what it means to be a disciple of Christ and what life as a disciple means.

025 JESUS CHRIST'S MISSION CONTINUES IN THE CHURCH

Grade Level:	10	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5		
Weight:	None	Type:		Other:	None

The purpose of this course is to help the students understand that in and through the Church they encounter the living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today. The Body has both divine and human elements. In this course, students will learn not so much about events in the life of the Church but about the sacred nature of the Church.

034 SACRAMENTS AS PRIVILEGED ENCOUNTERS WITH JESUS CHRIST

Grade Level:	11	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5		
Weight:	None	Type:		Other:	None

The purpose of this course is to help students understand that they can encounter Christ today in a full and real way in and through the sacraments, and especially through the Eucharist. Students will examine each of the sacraments in detail so as to learn how they may encounter Christ throughout life.

035 LIVING AS A DISCIPLE OF JESUS CHRIST IN SOCIETY

Grade Level:	11	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5		
Weight:	None	Type:		Other:	None

The purpose of this course is to introduce students to the Church's social teaching. In this course, students are to learn how Christ's concern for others, especially the poor and needy is present in the Church's social teaching and mission.

044 LIFE IN JESUS CHRIST

Grade Level:	12	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5		
Weight:	None	Type:		Other:	None

The purpose of this course is to help students understand that it is through Christ that they can fully live out God's plan for their lives. Students are to learn the moral concepts and precepts that govern the lives of Christ's disciples.

045 ECUMENICAL AND INTERRELIGIOUS ISSUES

Grade Level:	12	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5		
Weight:	None	Type:		Other:	None

The purpose of this course is to help students understand the manner in which the Catholic Church relates to non-Catholic Christians as well as to other religions of the world. Building on the foundational truth that Jesus Christ established the Catholic Church and entrusted to her the fullness of God’s Revelation, the course is intended to help students to recognize ways in which important spiritual truths can also be found in non-Christian churches and ecclesial communities as well as in non-Christian religions. It is also intended to help them recognize the ways in which other systems of belief and practice differ from the Catholic faith

SCIENCE DEPARTMENT

778 AP BIOLOGY

Grade Level:	12	Length:	Y	Pre-requisite:	Honors Chemistry Honors Biology
Credit:	1	Periods Per Week:	8		
Weight:	.5	Type:	E	Other:	Summer Study -Interview & Science Dept. Recommendation -AP Test

AP Biology is a full-year lab course offered to seniors with a strong background in biology and chemistry. The course is equivalent to the general biology survey course usually taken the first year of college. Students will gain experience and appreciation of biology through experimentation and inquiry. Emphasis will be placed on critical thinking skills, essay and laboratory writing skills, and data analysis skills. AP Biology is a rigorous, fast-paced course and students must be prepared to devote considerable time and energy to it in order to perform well on the required College Entrance Examination Board AP Biology exam. Pre-requisites for the class are Honors Chemistry and an interview with the instructor.

770 AP PHYSICS B—MECHANICS

Grade Level:	12	Length:	Y	Pre-requisite:	Honors Chemistry and concurrent enrollment in College Algebra or higher
Credit:	1	Periods Per Week:	8		Application/Interview Required
Weight:	.5	Type:	E	Other:	AP Test and TI-84 calculator Summer Self Study-Intro Physics Text

This college level course covers six mechanics content areas: kinematics, Newton’s Laws of Motion, work, energy and power, systems of particles and linear momentum, circular motion and rotation, oscillations and gravitation. This course will utilize guided inquiry to promote critical thinking skills. Students must have had Honors Chemistry and be concurrently enrolled in College Algebra or higher math. An interview is a pre-requisite for the class, as well as recommendations from Math and Science Departments.

720 BIOLOGY

Grade Level:	10	Length:	Y	Pre-requisite:	Science Explorations
Credit:	1	Periods Per Week:	7		
Weight:	None	Type:		Other:	None

Biology is a course that revolves around understanding “life”. Through lectures and bi-weekly laboratory investigations, students are given the opportunity to discover not only the diversity that exists in various life forms, but also to develop an appreciation for the interdependence among living things. Topics covered

include biochemistry of life, the cell and its modes of reproduction, ecology, classification of the various kingdoms, genetics and evolution.

728 HONORS BIOLOGY

Grade Level:	10	Length:	Y	Pre-requisite:	Honors Science Explorations
Credit:	1	Periods Per Week:	7	Other:	None
Weight:	.5	Type:			

Honors Biology is a year-long course that delves into the many facets of “life”. Students will investigate topics focusing on cell biology, genetics and biotechnology, along with ecology, evolution and ending with an in-depth study of the biological kingdoms. Critical thinking skills such as synthesis, analysis and reasoning are all emphasized throughout the year. Students participate in bi-weekly lab investigations where learning is put into action. Placement for this course is determined on student performance and teacher recommendation.

730 CHEMISTRY

Grade Level:	11-12	Length:	Y	Pre-requisite:	Biology and concurrent enrollment in Algebra II
Credit:	1	Periods Per Week:	7	Other:	None
Weight:	None	Type:			

Chemistry is a full year comprehensive study of the structure and properties of matter. Topics are addressed through lecture, lab investigations and discussions. Students get acquainted with the atomic theory, equations, trends in the periodic table, kinetics, thermodynamics, stoichiometry, and acid-base chemistry. Through the lab experience, students become adept in utilizing equipment and developing their analytical skills, formulating their observations, both quantitative and qualitative, in written lab reports.

735 FUNDAMENTAL CHEMISTRY

Grade Level:	11-12	Length:	Y	Pre-requisite:	Biology and must be enrolled in Concepts of Algebra II
Credit:	1	Periods Per Week:	7	Other:	None
Weight:	None	Type:			

Fundamental Chemistry is a year-long course which will focus on the basic of chemical principles. Topics covered will be the atomic theory, chemical nomenclature, balancing equations, chemical reactions and pH chemistry. Laboratory investigations will enhance the student’s understanding of the chemical concepts covered during lecture.

738 HONORS CHEMISTRY

Grade Level:	11-12	Length:	Y	Pre-requisite:	Honors Biology and concurrent enrollment in Honors Algebra II
Credit:	1	Periods Per Week:	7	Other:	Research Project/Paper
Weight:	.5	Type:			

Honors Chemistry is a full-year rigorous course dealing with the properties and structure of matter. Emphasis is placed on periodic law, chemical formulas and compounds, stoichiometry, acid-base chemistry, solutions and oxidation-reduction reactions. Students will experience laboratory investigations allowing for development of critical thinking skills, enhancement of problem-solving abilities and experience in logically analyzing data. Placement is dependent on having had success in Honors Biology and in Honors Algebra II.

755 ECOLOGY & THE ENVIRONMENT

Grade Level:	11-12	Length:	Y	Pre-requisite:	Honors Chemistry or Chemistry or concurrent enrollment
Credit:	1	Periods Per Week:	5	Other:	2-3 Required Field Trips and must participate in outdoor activities.
Weight:	None	Type:	E		

Ecology is a course designed to provide students with the concepts, theories and principles necessary to better understand contemporary environmental issues and concerns. Students will explore topics such as global warming, ozone depletion, conservation of natural resources, ecosystem dynamics, water and air pollution, along with population growth. Through lecture, projects and class discussions, students will be able to discover the interdependency that all life forms have on each other.

750 HONORS ANATOMY & PHYSIOLOGY

Grade Level:	12	Length:	Y	Pre-requisite:	Honors Chemistry
Credit:	1	Periods Per Week:	7	Other:	None
Weight:	.5	Type:	E		

Honors Anatomy and Physiology is a full-year lab course designed to study the human body and how its systems work. Topics covered in this college level class are cells and tissues, integumentary system, skeletal, muscular, cardiovascular, nervous and reproductive systems, respectively. Laboratory investigations and clinical applications serve to enhance the art of learning anatomy. Placement for this class is dependent on students having had success in Honors Chemistry and Biology.

760 PHYSICS

Grade Level:	12	Length:	Y	Pre-requisite:	Algebra II and Chemistry
Credit:	1	Periods Per Week:	7	Other:	
Weight:	None	Type:	E		

Physics is a branch of science that centers around discovering interrelationships that exist between matter, energy and nature. This is a full-year course where scientific concepts are developed utilizing lectures, problem solving and laboratory experience. Physics topics include mechanics, electricity, magnetism and motion. Students will further develop synthesis skills, analytical reasoning and logical thinking as they experience physics theory and its practical applications. Placement is dependent on success in Algebra II and Chemistry.

765 HONORS PHYSICS

Grade Level:	12	Length:	Y	Pre-requisite:	Honors Chemistry and Honors Algebra II
Credit:	1	Periods Per Week:	7	Other:	Student must have completed Honors Pre-calculus or be concurrently enrolled in Honors Pre-calculus
Weight:	.5	Type:	E		

Honors Physics will delve into classical physics leading up to modern physics. This full-year course will cover topics dealing with mechanics, wave motion, electricity, magnetism and modern physics. The emphasis in this level of Physics centers on laboratory investigations involving computer interactive and interfacing skills, along with higher level thinking and math skills. Students must have completed Honors Chemistry and Pre-Calculus or must be concurrently enrolled in Pre-Calculus. Placement is ultimately dependent on the success of those two courses and teacher input.

715 SCIENCE EXPLORATIONS

Grade Level:	9	Length:	Y	Pre-requisite:	Placement
Credit:	1	Periods Per Week:	5		
Weight:	None	Type:		Other:	None

Science Explorations is an introductory course for 9th graders. It provides an overview of 4 subject areas: chemistry, astronomy, physics and geology. Through lecture, mini labs, and discussions students develop problem solving skills, as well as, their critical thinking abilities. This course strives to not only introduce 9th graders to higher level scientific concepts, but to prepare them for the rigors of a demanding high school science curriculum.

718 HONORS SCIENCE EXPLORATIONS

Grade Level:	9	Length:	Y	Pre-requisite:	Placement
Credit:	1	Periods Per Week:	5		
Weight:	.5	Type:		Other:	

Honors Science Explorations is a full-year comprehensive study of 4 subject areas: chemistry, astronomy, physics and geology with an emphasis on math problem-solving. The curriculum centers around developing higher level thinking skills and preparing students with a good science foundation for future courses. This is accomplished through lab experiences, projects and lecture, as well as, student presentations. Placement is dependent on Lake Catholic entrance exam, middle school performance, along with reading and math skills.

SOCIAL STUDIES DEPARTMENT

824 AP UNITED STATES HISTORY

Grade Level:	11	Length:	Y	Pre-requisite:	Current Teacher Recommendation Application Completed Interview with AP teacher (Mr. Anderson)
Credit:	1	Periods Per Week:	5		
Weight:	.5	Type:		Other:	AP Test required

Students will examine major themes in United States history from colonial times through the present day. Students will actively participate in discussions and complete a project each quarter.

834 AP UNITED STATES GOVERNMENT AND POLITICS

Grade Level:	12	Length:	Y	Pre-requisite:	Current Teacher Recommendation Application Completed Interview with AP teacher (Mr. Fuller)
Credit:	1	Periods Per Week:	5		
Weight:	.5	Type:		Other:	AP Test required

Students will examine major themes in American Government including the Constitution, political institutions, state and local governments. Extensive independent study required.

831 AMERICAN GOVERNMENT AND WORLD ISSUES

Grade Level:	12	Length:	Y	Pre-requisite:	Modern American History
Credit:	1	Periods Per Week:	5		
Weight:	None	Type:		Other:	None

Students will become familiar with American political institutions. Facts covered include the Constitution, branches of government, foreign policy and relations, state government and local government.

833 HONORS AMERICAN GOVERNMENT AND WORLD ISSUES

Grade Level:	12	Length:	Y	Pre-requisite:	Current Teacher Recommendation
Credit:	1	Periods Per Week:	5		
Weight:	.5	Type:		Other:	None

Students will engage in an in-depth study of American Government to prepare them to take an active role in that government. Students participate in extensive independent study, discussions and projects.

821 MODERN AMERICAN HISTORY

Grade Level:	11	Length:	Y	Pre-requisite:	Modern World History
Credit:	1	Periods Per Week:	5		
Weight:	None	Type:		Other:	None

Students will examine events from 1877 through present day. Major political, economic and social trends in America will be studied as well as America's relations with the world.

823 HONORS MODERN AMERICAN HISTORY

Grade Level:	11	Length:	Y	Pre-requisite:	Modern World History and Current Teacher Recommendation
Credit:	1	Periods Per Week:	5		
Weight:	.5	Type:		Other:	None

Students will focus on interpreting events from 1877 through present day. Students will use the analytic skills and the factual knowledge necessary to deal with the problems resulting from those events.

814 MODERN WORLD HISTORY

Grade Level:	10	Length:	Y	Pre-requisite:	Social Studies Concepts
Credit:	1	Periods Per Week:	5		
Weight:	None	Type:		Other:	None

Students will assess the importance of the world beyond their own country. Elements of study will include history, geography, economics, political systems, cultural and religious diversity, and current events. Course content will begin with the 1600's.

818 HONORS MODERN WORLD HISTORY

Grade Level:	10	Length:	Y	Pre-requisite:	Social Studies Concepts Current Teacher Recommendation
Credit:	1	Periods Per Week:	5		
Weight:	.5	Type:		Other:	None

In Honors Modern World History students will take an in-depth and analytical look at the history, politics, economics, and geography of the world. Cultural and religious diversity, as well as current events, will add

to the discussions. Extensive independent study and outside projects will be required of students. Course content will begin with the 1600's.

857 CRIMINOLOGY

Grade Level:	11-12	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5	Other:	None
Weight:	None	Type:	E		

Students will study the nature of crime and criminal behavior in contemporary society by examining its causes, effects and prevention.

880 PSYCHOLOGY

Grade Level:	11-12	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5	Other:	None
Weight:	None	Type:	E		

Students will learn about the theory and practical applications of psychology through the science and study of individual differences. From Freud to Rogers, students will study how this social science has become an integral part of understanding modern man.

847 SOCIOLOGY

Grade Level:	11-12	Length:	S	Pre-requisite:	None
Credit:	.5	Periods Per Week:	5	Other:	None
Weight:	None	Type:	E		

Students will study people in society and the ways in which they structure their interpersonal relations.

807 WORLD GEOGRAPHY

Grade Level:	9	Length:	Y	Pre-requisite:	None
Credit:	1	Periods Per Week:	5	Other:	None
Weight:	None	Type:			

The study of geography allows the student to gain a well-rounded view of the world. It incorporates all social studies disciplines and provides a wide range of activities including critical thinking, problem solving, map and graph skills and others.

809 HONORS WORLD GEOGRAPHY

Grade Level:	9	Length:	Y	Pre-requisite:	None
Credit:	1	Periods Per Week:	5	Other:	None
Weight:	None	Type:			

The study of geography allows the student to gain a well-rounded view of the world. It incorporates all social studies disciplines and provides a wide range of activities including critical thinking, problem solving, map and graph skills and others. Students will participate in a more in-depth analytical study of World Geography and actively participate in class discussions.

2012 SCHOOLOGY COURSE DESCRIPTIONS FOR DIOCESAN-OWNED HIGH SCHOOLS

Cleveland Central Catholic

Course:

First Semester

Personal Finance I

Teacher:

Carol Troxell

ctroxell@centralcatholicchs.org

Grade level: 11, 12

Semester Elective - .50 Credit

This course informs students of their financial responsibilities as citizens, students, family members, consumers, and active participants in the business world. Major topics include financial planning, career planning, budgeting, consumer protection, legal protection, checking and savings accounts, consumer credit, mortgages, and fundamentals of investing.

Second Semester

Personal Finance II

Teacher:

Carol Troxell

ctroxell@centralcatholicchs.org

Grade level: 11, 12

Semester Elective - .50 Credit

This course informs students of their financial responsibilities as citizens, students, family members, consumers, and active participants in the business world. Major topics include stocks, income tax, bonds and mutual funds, real estate, insurance, and retirement planning.

Elyria Catholic

Course:

Playwriting

Teacher:

Nan Mahony

Mahony@elyriacatholic.com

Grades 11, 12

Second Semester - .50 credit

Students will be instructed in playwriting as art in action with its foundation in Aristotle's *Poetics*. Emphasis is on writing a variety of short stage scenes, students will practice using the elements and structure of different types of plays (satire, comedy, drama, mystery, thriller, tragedy, etc.) plot [Freytag's Pyramid], characterization, dialogue, stage directions, setting, conflict and resolution), theatrical and technical conventions as used by playwrights, theatre vocabulary, work-shopping a script, and the characteristics and requirements of a stage script. The end of Semester Project will be a fully developed One Act Play.

Note: This was written as a Semester Course. It could be developed into a year-long course by adding a study of the different kinds of scripts playwrights use (scene, one act, two and three act, radio, television, and big screen film), historical development of playwriting and significant contributions from playwrights, in-depth script analysis and critique, and an end of year project of a fully developed Two/Three Act Play/Screenplay.

Holy Name

Course:

Holocaust, Genocide: Prejudice and Propaganda

PSEOP Course – offered through Notre Dame College

Teacher:

Joe Ehrbar

jehrbar@holynamehs.com

Grade level: 10 – 12

Semester Elective - .50 credit

This course offers a look at genocide as the result of prejudice and propaganda, with an emphasis on similarities in causes, conditions and consequences for various cultures, races and groups. As Christians, to what response and moral obligations are we called?

The history of world offers a wide variety of cases to be examined: Anti-Semitism and the Holocaust, the American Indian, the Kurds, Ukraine, Armenia, Cambodia, Rowanda, Darfur, Congo. This course asks the questions, “Why” and “What can we do?”

Lake Catholic

Course #1: **Accounting**

Teacher:

Mike DeSantis

mdesantis@lakecatholic.org

Grade level: 10 – 12

Year - 1.00 Credit

This will be a year-long course where the students will learn record-keeping of small businesses through the teaching of the accounting cycle. Students will learn how to use journals, ledgers and worksheets to prepare financial statements.

This course is recommended for students planning to major in business in college. The workbook is internet based. Students will have access to it from any computer with internet access.

All work will be graded immediately at the due date and the students will receive immediate feedback on their work.

Course #2: **AP Studio Art Drawing**

Teacher:

Kelly Finley

kfinley@lakecatholic.org

Grade level: 11, 12

Year - 1.00 Credit

AP Drawing is a full year, on-line class in which the art student is preparing work to be evaluated for college credit. In the Drawing portfolio, your ability can be demonstrated by what you want to draw and through a wide range of approaches and media. The other three areas of portfolio development are quality, concentration, and breadth. Quality is your best work, concentration is an in-depth exploration of a specific visual idea, and breadth is a variety of works demonstrating your understanding of drawing issues. You are working independently and submitting photographs to the teacher for criticism and evaluation. The class will meet with the teacher at midterms and end of the quarter and by appointment with the teacher. The student must purchase a sketchbook and have access to a digital camera. Any other materials can be discussed with the teacher.

St. Peter Chanel

Course #1:

Contemporary Affairs

Teacher:

Hugh McMahon

hcmahon@stpeterchanel.com

Grades 9-12

Semester - .50 credits

Examines major world events and issues with investigation into their significance and implications. The course focuses on:

- an examination of current world events and issues in a historical context, including cause and effect relationships;
- a study of political systems, past and present, especially in developing countries;
- an analysis of global interdependence.

Course #2:

Creative Writing I

Teacher:

Joe Rock

jrock@stpeterchanel.com

Grades 10-12

Semester - .50 credits

This semester course offers students instruction in the various forms of writing, with special emphasis on developing content and style. Students will employ the creative writing process for poetry, short story, essay and other assignments. Students must complete frequent writings of varied lengths.

Villa Angela-St. Joseph

Course:

Environmental Science

Teacher:

Mike St. Pierre

mstpierre@vasj.com

Grade level: 11, 12

Semester Elective - .50 Credit

Environmental Science is an interdisciplinary study that builds upon knowledge of biology, chemistry, physics and geology in order to explain how the environment operates. Our environment includes all living and non-living things with which an organism interacts.

Topics taught correspond to chapters from “Pearson: Environmental Science”

Students will be asked to look for environmental problems present in their schools, home, and/or communities. Eventually, a student or small group of students would select a specific problem that they would like to solve.