

# Mullen High School

## 2018-19 Course Catalog

Course ID	Course Name	Prerequisites	Credit	Grade Level	Length in Terms	Course Fee
<b>Business</b>						
141	ACCOUNTING CP	Prerequisite: None	0.50	11, 12	1	
	<i>Notes: This course will enable students to build a solid foundation in the fundamental language and processes of business. Students will budget for business operations, manage cash flow, and learn to create and interpret the three basic financial statements (balance sheets, income statements, and statements of cash flow). They will learn to use spreadsheets and analyze a company's strengths and weaknesses based on hard numbers. Useful for anyone who intends to ever work in, invest in, or create a business!</i>					
147	ENTREPRENEURSHIP CP	Prerequisite: None	0.50	10, 11, 12	1	
	<i>Notes: This class is heavily oriented toward project-based learning and covers a little bit of everything: generating entrepreneurial ideas, testing the market, writing a business plan, basic accounting, securing funding, and more! Along the way, students will test and develop their own business ideas and practice some hands-on skills in the Signum Fidei Cafe. The class emphasizes Lean Startup techniques for creating businesses that can pivot and adapt to an ever-changing world. Students will be expected to take responsibility for their projects and pursue their work with initiative and rigor.</i>					
145	INVESTMENTS CP	Prerequisite: None	0.50	11, 12	1	
	<i>Notes: Throughout this course students will learn about typical investment options, the associated risk and reward, and the pros and cons of each type of investment. Students in this class will also learn how economic trends may influence certain investment types. Students will participate in simulated investing games and learn how to research possible investment options to determine investment selections that are best based on risk tolerance and current financial setting. Projects include designated investment portfolios for different situations and using fundamental analysis techniques to do an in-depth analysis of a publically-traded company.</i>					
140	PERSONAL FINANCE CP	Prerequisite: None	0.50	10, 11, 12	1	
	<i>Notes: This course is designed to equip students with the skills and knowledge they will need to make wise financial decisions throughout their lives. They will learn about different types of loans - student loans, mortgages, car loans and credit cards - and learn how to calculate interest and to build healthy credit scores. They will learn about investing and saving for retirement and other goals, as well as how to choose bank accounts and write checks. Students will explore different career options and practice writing resumes and cover letters to apply for jobs. They'll learn to interpret pay stubs, W-2's, W-4's, and simple tax returns. They'll learn about different types of insurance and how to decide what coverage is appropriate. The course encourages students to reflect on what they want from life and to draw connections between money management and their own goals and values.</i>					
<b>Computer Science</b>						
168	ADOBE WEB DESIGN CP	Prerequisite: None	0.50	09, 10, 11, 12	1	
	<i>Notes: Adobe Web Design will introduce students to a variety of software programs used throughout today's workforce to produce professional material. Students will learn the CSTA (Computer Science Teacher Association) recommended computer skills for graphics creation, photo editing, print layout, multimedia development, digital presentation, iOS app development, video production and animation. This project-based course will teach students the basics of Adobe's Illustrator, Photoshop, Acrobat Pro, InDesign, Premiere, After Effects, and Muse.</i>					
169	COMP. SCI. PRINCIPLES AP	Prerequisite: Intro to Computer Science CP	1.50	10, 11, 12	3	
	<i>Notes: AP Computer Science Principles uses the Beauty and Joy of Computing curriculum: an introductory computer science curriculum developed at the University of California, Berkeley (offered there as CS10). Students will learn the fundamentals of computing, including problem-solving, working with data, understanding the Internet, cybersecurity, and programming using a visual block-based language. The goal of the course is to broaden students' understanding of computer science for use in a diversity of majors and careers.</i>					
167	COMPUTER SCIENCE AP	Prerequisite: Completion of Java Programming with a grade of B or better OR successful completion of a readiness test	1.50	10, 11, 12	3	
	<i>Notes: The Advanced Placement Program offers a course and exam in introductory computer science. The course emphasizes object-oriented programming methodology with a concentration on problem solving and algorithm development, and is meant to be the equivalent of a first-semester college-level course in computer science. It also includes the study of data structures, design, and abstraction.</i>					
160	INTRO TO COMPUTER SCIENCE CP	Prerequisite: None	0.50	09, 10, 11, 12	1	
	<i>Notes: This course will explore the essential elements of cybersecurity, algorithms, web design and programming. Students will create short projects in each unit of study including designing web pages using HTML, CSS and JavaScript, and programming circuit boards as an introduction to Robotics. Students will also develop and practice important soft skills including collaboration, using the internet as a resource, and complex problem-solving. Essential course outcomes of this class meet the Computer Science Teachers Association (CSTA) Standards.</i>					

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161	JAVA PROGRAMMING CP	Prerequisite: None	0.50	09, 10, 11, 12	1	
<p><i>Notes: This course introduces fundamental programming concepts using Java, arguably the most-used computer language today. After being introduced to algorithmic thinking, students will use Java to learn basic programming tools such as control statements, classes, objects, methods, and arrays. Students who successfully complete his course will be very well-prepared to take Mullen's AP Computer Science class.</i></p>						
165	WEB APP DEVELOPMENT CP	Prerequisite: Completion of Java Programming or AP Computer Science with a grade of B or better in either	0.50	10, 11, 12	1	
<p><i>Notes: In this project-based, code-heavy course, students will learn to apply Javascript, HTML, CSS, Bootstrap and Angular 2 skills to design web-based applications. These skills can be used to program games, blogs, e-commerce sites - virtually anything found on the Internet. The focus will be on learning how to find and utilize developer tools such as APIs so that motivated students can continue learning web development on their own.</i></p>						
<b>De La Salle</b>						
980	STUDY SKILLS I A	Prerequisite: Approval from the De La Salle Director	0.50	09	1	
<p><i>Notes: This course introduces concepts and methods needed to increase study efficiency and improve critical thinking. The course acquaints students with methods to create better study habits and the processes and practices of critical thinking. Specific areas covered are short-term and long-term goal setting, planning and time management, note-taking, reading, and writing strategies, test-preparation and test-taking strategies, and models of critical thinking. The course is designed to improve students' knowledge and application of effective study and cognitive/thinking strategies so they can be mainstreamed into a full CP curriculum.</i></p>						
981	STUDY SKILLS I B	Prerequisite: Approval from the De La Salle Director	0.50	09	1	
<p><i>Notes: This course is a continuation of Study Skills I A with greater focus on personal responsibility for time management, study strategies and independent applications of reading, writing, and note-taking strategies. This course introduces students to effective research and collaboration strategies. The course is designed to improve students' knowledge and application of effective study and cognitive/thinking strategies so they can be mainstreamed into a full CP curriculum.</i></p>						
982	STUDY SKILLS II A	Prerequisite: Approval from the De La Salle Director	0.50	10	1	
<p><i>Notes: This is a sophomore level course designed to continue study habits for those students who need additional practice and support in time management, application of reading, writing, note-taking, research and collaboration. The course is designed to improve students' knowledge and application of effective study and cognitive/thinking strategies so they can be mainstreamed into a full CP curriculum.</i></p>						
984	STUDY SKILLS III	Prerequisite: Approval from the De La Salle Director	0.50	11	1	
<p><i>Notes: The focus of this class is to prepare De La Salle students for college entrance exams, the college essay and it is primarily directed toward the June ACT test. This is also a resource class in which individualized assistance and strategies are directed toward success in college-prep classes.</i></p>						
<b>English</b>						
225	CREATIVE WRITING CP	Prerequisite: None		09, 10, 11, 12	1	
<p><i>Notes: Creative Writing is a one-trimester course designed for students who want to think and write creatively. Students will produce original works including creative nonfiction, poetry, short story fiction, journalism, and drama, balancing the power of both print and multimedia formats. Students are encouraged to experiment with authorial license while encouraged to adhere, recognize, and break creative structures to develop their own sense of style, voice, and technique. Students will share their work with classmates and offer constructive criticism to each other in a workshop format, including prewriting, peer editing, rewriting, and publishing. Since good writing starts with careful reading, the course also requires students to complete short reading assignments and analyses of style. (NCAA course)</i></p>						
204	ENGLISH I	Prerequisite: Approval of De La Salle Program Director	1.50	09	3	

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	<i>Notes: Students will write expository and descriptive essays. They will review grammar, including diagramming sentences. Formal study in vocabulary will include etymology, context clues, and analogies. Writing instruction and practice center on creating well-organized and clear compositions through the processes of brainstorming, drafting, revising, and editing. Students will study elements of fiction and non-fiction, will read novels, and will study genre. Emphasis will be placed on reading for meaning and fluency. Students will read for higher levels of comprehension and an understanding of denotation and connotation in both fiction and nonfiction. (NCAA Course)</i>					
200	ENGLISH I A CP	Prerequisite: None	0.50	09	1	
	<i>Notes: Students will write expository and descriptive essays. They will review grammar, including diagramming sentences. Formal study in vocabulary will include etymology, context clues, and analogies. Students will explore elements of genre such as epics, allegories, and romances, and they will read fiction and non-fiction, including poetry. (NCAA Course)</i>					
202	ENGLISH I A H	Prerequisite: Department approval	0.50	09	1	
	<i>Notes: Students will write expository and descriptive essays. They will review grammar. Formal study in vocabulary will include etymology, context clues, and analogies. Students will study elements of fiction and non-fiction, will read novels, short stories, and poetry, and will study genre. This course is a concentrated, sophisticated approach to skills of literary analysis, reading, and writing. (NCAA Course)</i>					
201	ENGLISH I B CP	Prerequisite: 200 English I A CP	0.50	09	1	
	<i>Notes: Students will continue to study and practice expository and descriptive writing, grammar, and vocabulary. Students will study elements of fiction and non-fiction, will read novels, short stories, and poetry, and will study genre. This course is a concentrated, sophisticated approach to skills of literary analysis, reading, and writing. (NCAA Course)</i>					
203	ENGLISH I B H	Prerequisite: 202 English I A H	0.50	09	1	
	<i>Notes: Students will write expository and personal essays. Grammatical review will include the parts of speech, sentence construction and variety, punctuation, and diagramming. Students will study writing techniques and practice writing for various audiences and purposes. Writing instruction and practice focus on creating well-organized and clear compositions through the processes of brainstorming, drafting, revising, and editing. Formal vocabulary instruction will emphasize improving both diction and skills for success on standardized tests. Both the literature of the United States and a Shakespearean play will be read. Emphasis will be placed on reading for meaning and fluency. Students will read for higher levels of comprehension and an understanding of denotation and connotation in both fiction and nonfiction. (NCAA Course)</i>					
211	ENGLISH II	Prerequisite: 204 English I, approval of De La Salle Program Director	1.50	10	3	
	<i>Notes: Students will write expository and personal essays. Grammatical review will include the parts of speech, sentence construction and variety, punctuation, and diagramming. Students will study writing techniques and practice writing for various audiences and purposes. Writing instruction and practice focus on creating well-organized and clear compositions through the processes of brainstorming, drafting, revising, and editing. Formal vocabulary instruction will emphasize improving both diction and skills for success on standardized tests. Literature of the United States will be read in chronological order beginning with the Colonial Period and ending with Contemporary Literature. Emphasis will be placed on reading for meaning and fluency. Students will read for higher levels of comprehension and an understanding of denotation and connotation in both fiction and nonfiction. (NCAA Course)</i>					
207	ENGLISH II A CP	Prerequisite: English I A CP & English I B CP	0.50	10	1	
	<i>Notes: Students will study and practice writing expository essays. The expository essays will explore literary themes and techniques in the assigned American Literature. Review of grammar will include the basic parts of speech, complements, and sound sentences. Formal vocabulary is aimed at improving reading and writing skills and as one way to achieve success on standardized national tests. Literature of the United States will be explored through the thematic units built around the study of one's role in society and American literary innovations.</i>					
209	ENGLISH II A H	Prerequisite: 202 English I A H/203 English I B H, department approval	0.50	10	1	
	<i>Notes: Students will study and practice writing expository and personal essays. Grammar will be reviewed in the context of enhancing sentence structure and composition. Formal vocabulary instruction will emphasize improving diction and improving skills for success on standardized tests. Literature of the United States will be explored in a chronological sequence. This course is a concentrated study of significant authors, philosophical trends, and criticism in American literature. Greater depth in analysis, oral presentation, writing, and reading is required. (NCAA Course)</i>					
208	ENGLISH II B CP	Prerequisite: English II A CP	0.50	10	1	

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	<p><i>Notes: As a continuation of English II A CP, students will study and continue to write expository essays and a creative essay. Review of grammar will include complements, phrases, clauses, and sound sentences. Formal vocabulary is aimed at improving reading and writing skills and as one way to achieve success on standardized national tests. Literature of the United States will be explored through the thematic units built around the impact of war, the loss of innocence, striving for the American Dream and American literary innovations.</i></p>					
210	ENGLISH II B H	Prerequisite: 209 English II A H	0.50	10	1	
	<p><i>Notes: Students will continue writing expository and personal essays. Formal vocabulary study and grammatical review will be continued. The study of the literature of the United States will continue into contemporary times. Skills in analysis, oral presentation, writing, and reading are enhanced as students study significant authors, literary periods, and criticism in the literature of the United States. (NCAA Course)</i></p>					
217	ENGLISH III A	Prerequisite: 211 English II A/212 English II B, approval from the De La Salle Program Director	0.50	11	1	
	<p><i>Notes: Students will review narrative and expository writing. They will learn and practice writing strategies for abstracts, cause and effect essays, and comparison and contrast essays. English literature from the Anglo-Saxon period through the Renaissance will be read. Vocabulary and grammar will also be studied. (NCAA Course)</i></p>					
213	ENGLISH III A CP	Prerequisite: 207 English II A CP/208 English II B CP	0.50	11	1	
	<p><i>Notes: Students will write in various genres, including abstracts, narrative, and expository essays. They will strive for clear, well-supported ideas, lucid organization, appropriate voice, effective diction, varied sentence structure, and correct grammar appropriate to targeted audience and rhetorical purpose. They will learn and practice organizational strategies such as cause-and-effect, problem-solution, and comparison-and-contrast and will practice giving and responding to peer feedback on their writing. Students will read British literature from the Anglo-Saxon period through the Renaissance, including at least one novel and Shakespeare's Macbeth. They will also study vocabulary, review grammar, and make oral presentations as they enhance their literacy and ability to communicate. (NCAA Course)</i></p>					
215	ENGLISH III A H	Prerequisite: 209 English II A H/210 English II B H, department approval	0.50	11	1	
	<p><i>Notes: Students will enhance their literacy and ability to communicate for various audiences and rhetorical purposes, one of the most prominent being essays for college applications. They will write in various genres, including persuasive writing as well as letters and essays for college applications. They will strive for clear, well-supported ideas, lucid organization, engaging voice, effective diction, varied sentence structure, and correct grammar. They will write a brief, well-researched paper using the MLA documentation style. Students will read British literature from the Restoration through the 20th century, including longer works. They will also study vocabulary, review grammar, and make oral presentations as they build their repertoire of reading, writing, and presentation skills. (NCAA Course)</i></p>					
218	ENGLISH III B	Prerequisite: 217 English III A	0.50	11	1	
	<p><i>Notes: Students will learn and practice strategies of argumentative and persuasive writing with emphasis on writing the personal essay for college applications. They will practice various writing strategies, including using organizers and peer feedback. They will practice using the MLA documentation style. They will read English literature from the Restoration through the 20th century. There will be formal vocabulary study and grammar review. (NCAA Course)</i></p>					
214	ENGLISH III B CP	Prerequisite: 213 English III A CP	0.50	11	1	
	<p><i>Notes: Students will write narrative and persuasive essays, striving for clear, well-supported ideas, lucid organization, effective diction, varied sentence structure, correct grammar, and voice appropriate to targeted audience and rhetorical purpose. They will practice outlining or using graphic organizers, will write a persuasive essay, and will write a brief, well-researched paper using the MLA documentation style. Students will read British literature from the Restoration through the 20th century, including poetry, prose, and longer works. They will also study vocabulary, review grammar, and make oral presentations as they enhance their literacy and ability to communicate. (NCAA Course)</i></p>					
216	ENGLISH III B H	Prerequisite: 215 English III A H	0.50	11	1	

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	<p><i>Notes: Students will enhance their literacy and ability to communicate for various audiences and rhetorical purposes, one of the most prominent being essays for college applications. They will write in various genres, including persuasive writing as well as letters and essays for college applications. They will strive for clear, well-supported ideas, lucid organization, engaging voice, effective diction, varied sentence structure, and correct grammar. They will write a brief, well-researched paper using the MLA documentation style. Students will read British literature from the Restoration through the 20th century, including longer works. They will also study vocabulary, review grammar, and make oral presentations as they build their repertoire of reading, writing, and presentation skills. (NCAA Course)</i></p>					
219	ENGLISH IV A CP	Prerequisite: 213 English III A CP/214 English III B CP or 217 English III A/218 English B or 215 English III A H/216 English III B H	0.50	12	1	
	<p><i>Notes: Senior English at Mullen High School is a study of rhetoric, defined as the writing or speaking methods used to move a specific audience in a specific situation. This course will focus primarily on developing students' skills of expression in writing and speaking. Students will learn to recognize the role rhetoric plays in our lives and will begin to master the use of rhetoric themselves. To that end, students will engage in many writing and speaking activities and assignments, in addition to reading assignments which support them. To help develop these rhetorical skills, students will analyze the rhetoric used by practicing writers. During trimester A, students will read and analyze a variety of fiction and non-fiction narrative texts. The literary essay will be perfected as students practice college-level analysis. As part of that analysis, they will engage in rigorous vocabulary study and learn and apply advanced literary terms. (NCAA Course)</i></p>					
226	ENGLISH IV A H	Prerequisite: 213 English III A CP/214 English III B CP, 217 English III A/218 English B or 215 English III A H/216 English III B H, course instructor approval	0.50	12	1	
	<p><i>Notes: Senior Honors English is an advanced course--in pace, material, and expectations--designed for the serious student of reading and writing. Emphasis will be placed on developing students' analytic reading skills, in addition to expression in writing and speaking. Students will learn to recognize the role rhetoric - language and expression - plays in our lives. Students will be required to read several longer works of fiction spanning nearly five centuries. Non-fiction, in the form of editorials, autobiographies, and essays will also be reviewed. Extensive outside-of-class reading and preparation are required for success in this course. Students will write a number of different essays: personal, cause-effect, problem-solution, and extended literary analysis. (NCAA Course)</i></p>					
232	ENGLISH IV B CP: SILENCED VOICES	Prerequisite: 219 English IV A CP	0.50	12	1	
	<p><i>Notes: Explore the literature by writers who represent and speak for the "silenced" minority. Students will develop their understandings of how diversity affects the individual as well as society. Students will incorporate grammar, vocabulary, reading, and writing to question analyze, and evaluate the social barriers presented by race, ethnicity, religion, language, physical ability, sexuality, social class, etc.</i></p>					
233	ENGLISH IV B CP: TRUE STORIES	Prerequisite: 219 English IV A CP	0.50	12	1	
	<p><i>Notes: This course will focus specifically on nonfiction writing and literature. Throughout this course, students will immerse themselves in tales that are both bold and true. Students will study film, poetry, short stories, and novels, all reflecting events that really happened. Students will incorporate grammar, vocabulary, reading, and writing to convey the beauty, fear, desperation, and joy of the real world and to encourage readers to hear the truth.</i></p>					
234	ENGLISH IV B CP: BANNED BOOKS	Prerequisite: 219 English IV A CP	0.50	12	1	
	<p><i>Notes: "There is more than one way to burn a book, and the world is full of people running about with lit matches" (Bradbury). Ray Bradbury has experience with banned books and, more importantly, with books that the world is determined to destroy. This course will approach literature from the lens of a critic questioning why certain books fit the criteria for being banned while others remain acceptable high school reading. Students will discuss historical, social, and religious movements that gave rise to these texts and summarily stripped them from our shelves. Students will incorporate grammar, vocabulary, reading, and writing in a twelve-week attempt to answer the perennial question: Should thought ever be censored?</i></p>					
227	ENGLISH IV B H	Prerequisite: 226 English IV A H	0.50	12	1	

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	<p><i>Notes: Trimester B of Senior Honors English builds on and expands the skills mastered in Trimester A. The focus of the trimester is on persuasive writing, and students will read and analyze a variety of fiction and non-fiction texts that make specific arguments. Students will study the classical elements of rhetoric and argument, in addition to other literary terms and advanced vocabulary. Trimester B synthesizes the students' many years of grammar study as they practice writing-and diagramming-sentences in the style of a variety of successful writers. Students will write several longer essays as they move from the restrictive formulas taught in Trimester A to a more distinctive expression of their ideas. Extensive outside-of-class reading and preparation are required for success in this course. Students will read several full-length pieces, as well as shorter works, by a variety of authors and in a variety of genres. (NCAA Course)</i></p>					
221	ENGLISH LIT/COMP AP	Prerequisite: Department approval	1.50	12	3	
	<p><i>Notes: This 3 trimester course prepares students to excel on the Advanced Placement Literature and Composition Examination and the Advanced Placement Language and Composition Examination, which all students take at the completion of the course. AP English is a college-level course in its pace, material, and expectations; successful students are prepared for post-freshman university English classes. Students learn and practice, at a college level, the skills of literary analysis, analytic writing, formal discussion, and critical and logical thinking. Advanced work in grammar and word study is included. Students encounter ideas from college-level classical and biblical literature and English and American works from all post-Medieval historical periods. In order to understand the many disparate ideas from these works, students consider selected concepts from such fields as philosophy, history, mythology, psychology, political science, religion, literary criticism, and physics. (NCAA Course)</i></p>					
236	INTRO TO SPEECH COMMUNICATION CP	Prerequisite: None	0.50	09, 10, 11, 12	1	
	<p><i>Notes: This course will emphasize essential content analysis, writing, and speaking skills that establish the foundation for developing, organizing, and presenting informative and persuasive speeches. Students may select one of two tracks for additional study: literary analysis or research and argumentation. Those who focus on literary analysis will examine various works and identify pieces suitable for performance. Those who focus on research and argumentation will learn the fundamentals of debate with a focus on understanding the claim-warrant-impact model of argumentation and writing. All students will prepare outlines and formal presentations.</i></p>					
<b>Fine Arts - Music</b>						
977	CONCERT BAND CP	Prerequisite: None	0.50	09, 10, 11, 12	1	
	<p><i>Notes: This is a performance based class for those instrumentalists of all levels who play a standard band instrument from one of the following groups: Woodwinds, (flute, clarinet, saxophone, bassoon, oboe); Brass (trumpet, French Horn, baritone, trombone, tuba); Percussion. The ensemble is open to piano, guitar and bass players as long as they have instructor approval. The band will emphasize playing together in both small and large ensembles while growing in technique, intonation, tone, music theory, sight reading, improvisation, style, dynamics, and articulation. The group will rehearse a variety of styles of music and will perform at different times throughout the tri, including competitions, concerts, and service trips. This class may be taken multiple times for credit.</i></p>					
991	MULLEN SINGERS CP	Prerequisite: None	0.50	09, 10, 11, 12	1	
	<p><i>Notes: The Mullen Singers is a male and female choral group, open to all students who enjoy music and like to sing. Students will work on developing and improving vocal technique, breathing, tone production, note reading, and interpretation. Students will work with the ensemble to blend voices and create a unified sound while rehearsing and performing various styles of music, both sacred and secular, accompanied and a cappella, in unison and 2-, 3-, and 4-part harmony. Performances occur throughout the trimester and participation in those events is required. The class may be taken multiple times for credit.</i></p>					
979	ORCHESTRA CP	Prerequisite: none	0.50	09, 10, 11, 12	1	
	<p><i>Notes: This is a performance based class for those instrumentalists who play a standard orchestra instrument such as violin, viola, cello or string bass. The orchestra will emphasize playing together as both individuals and as an ensemble growing in technique, intonation, tone, music theory, sight reading, improvisation, style, dynamics, and articulation. The group will rehearse a variety of styles of music and will perform at different times throughout the tri, including competitions, concerts, and service trips. The class can be taken multiple times for credit.</i></p>					
939	PERCUSSION ENSEMBLE CP	Prerequisite: None	0.50	09, 10, 11, 12	1	
	<p><i>Notes: This is a trimester long, performance-based class open to students of all levels and music abilities. Students will learn basic music theory and rhythm, history and cultural significance of percussion along with how to compose using the items found in the world around us. This class involves physical movement, creativity, loud noise and jam sessions. Performance in the trimester end concert is part of the final. The class may be taken multiple times for credit.</i></p>					

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993	SPRING MULLEN SINGERS CP	Prerequisite: Fall/Winter Mullen Singers, or teacher approval	0.50	09, 10, 11, 12	1	
<p><i>Notes: The Mullen Singers is a male and female choral group, open to anyone. This performing class works on improving vocal technique, breathing, blend, intonation, music theory and reading skills. The choir will work together as an ensemble to perform at a variety of places, including competitions, concerts, and service trips. We will sing all different styles and genres of music from different time periods, both acapella and accompanied pieces. The class will be more advanced than Mullen singers A and B and will continue to perform and rehearse harder literature. It may be taken multiple times for credit.</i></p>						
978	WINTER CONCERT BAND CP	Prerequisite: Fall Concert Band or teacher approval	0.50	09, 10, 11, 12	1	
<p><i>Notes: This is a performance based class for those instrumentalists who play a standard band instrument from one of the following groups: Woodwinds, (flute, clarinet, saxophone, bassoon, oboe); Brass (trumpet, French Horn, baritone, trombone, tuba); Percussion. The ensemble is open to string, guitar and bass players as long as they have instructor approval. The band will emphasize playing together as an ensemble growing in technique, intonation, tone, music theory, sight reading, improvisation, style, dynamics, and articulation. The group will rehearse a variety of styles of music and will perform at different times throughout the tri, including competitions, concerts, and service trips. We will begin to play harder literature in this band class than concert Band A. It can be taken multiple times for credit.</i></p>						
992	WINTER MULLEN SINGERS CP	Prerequisite: Fall Mullen Singers or teacher approval	0.50	09, 10, 11, 12	1	
<p><i>Notes: The Mullen Singers is a male and female choral group, open to anyone. This performing class works on improving vocal technique, breathing, blend, intonation, music theory and reading skills. The choir will work together as an ensemble to perform at a variety of places, including competitions, concerts, and service trips. We will sing all different styles and genres of music from different time periods, both acapella and accompanied pieces. The class will be more advanced than Mullen singers A and will continue to perform and rehearse harder literature. It may be taken multiple times for credit.</i></p>						

### Fine Arts - Theatre

940	MUSICAL THEATRE CP	Prerequisite: None	0.50	09, 10, 11, 12	1	\$20.00
<p><i>Notes: This trimester long course gives students an opportunity to rehearse, perform, direct and choreograph/stage various scenes from the musical theatre genre. In addition to performance, students will learn the historical and cultural significance of various musicals on society of the time along with its impact on modern productions. Students will achieve a professional and personal understanding of the arts through rehearsals, auditions, performances and presentations.</i></p>						
950	STAGE ACTING CP	Prerequisite: None	0.50	09, 10, 11, 12	1	
<p><i>Notes: Stage Acting is an introduction to acting in a theatre setting. The class is broken up into three units: Shakespeare monologues, Chekhov scenes and modern scenes. Through warm-ups, acting exercises, readings, and scene work in different genres, students will develop acting skills and a working theatre vocabulary. By the end of the class, students will compile an acting portfolio.</i></p>						

### Fine Arts - Visual

913	ART I CP	Prerequisites: None	0.50	09, 10, 11, 12	1	\$20.00
<p><i>Notes: This class will introduce the elements of art and the principles of design. Students will build skills in drawing, painting, and 2- dimensional design. Media such as pencil, charcoal, ink, pastel, acrylic, and watercolor will be utilized. An introduction to art history is included. One hour of homework per week will be required.</i></p>						
914	ART II CP	Prerequisites: Art I	0.50	09, 10, 11, 12	1	\$25.00
<p><i>Notes: This class will build on the skills learned in Art I. Students will work with a greater variety of media using the elements of art and principles of design. Value, shape, form, proportion, scale, and perspective will be emphasized and students will be encouraged to develop their own style in their work. Three-dimensional design will be introduced. Students will study applicable works of art throughout history. Approximately two hours of homework per week will be required.</i></p>						
935	CERAMICS I CP	Prerequisite: Art I	0.50	10, 11, 12	1	\$60.00 (materials, supplies)

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Course ID	Course Name	Prerequisites	Credit	Grade Level	Length in Terms	Course Fee
	<p><i>Notes: This course is an introduction to ceramics. Students will apply the elements and principles of design while creating three dimensional works of art. Students will learn and demonstrate the proper use of tools and equipment. Students will learn and demonstrate hand building techniques, and throwing techniques. Students will create three dimensional forms including but not limited to pinch pots/builds, coil pots/builds slab pots/builds, wheel thrown pots/vessels. Students will learn the stages of clay, different clay bodies, and a general history of ceramics.</i></p>					
936	CERAMICS II CP	Prerequisites: Art I and Ceramics I	0.50	10, 11, 12	1	\$60.00 (materials, supplies)
	<p><i>Notes: This course is will expand on skills and techniques learned in Ceramics I. Students will apply the elements and principles of design as well as basic ceramics skills while creating three dimensional works of art. Students will learn and demonstrate advanced use of tools and equipment. Students will learn and demonstrate precision throwing techniques and create functional pottery.</i></p>					
943	FILM: HISTORY & PRODUCTION CP	Prerequisite: Art I	0.50	10, 11, 12	1	\$25.00
	<p><i>Notes: This course will present a concise history of film as an art form. Students will study classic films and create their own short films. Students will learn and apply video effects and edited techniques.</i></p>					
918	GRAPHIC DESIGN CP	Prerequisite: Art I	0.50	09, 10, 11, 12	1	
	<p><i>Notes: This course is an introduction to the use of a digital platform to explore the principles, elements, and theories of design. Students will be exposed to a variety of software programs as they create a wide range of design-based projects. Projects will include animation, illustration, and logo design.</i></p>					
933	PAINTING CP	Prerequisite: Art I	0.50	10, 11, 12	1	\$30.00
	<p><i>Notes: This class will further explore color theory and the painted surface. The primary media will be watercolor, acrylic, and pastels. Students will be shown various painting techniques and will be encouraged to develop their own style. One to two hours of homework per week will be required.</i></p>					
954	PHOTOGRAPHY A CP	Prerequisite: Art I	0.50	10, 11, 12	1	\$40.00 (expendable materials)
	<p><i>Notes: This course is for students who wish to learn about black and white photography. Students will learn how to operate a 35mm camera, develop their own film, and make enlargements from negatives. Students will be introduced to the history of photography as an art form. Students must use their own 35mm manual camera. A final portfolio will be required. One to three hours of homework required.</i></p>					
955	PHOTOGRAPHY B CP	Prerequisite: Art I and Photography A	0.50	10, 11, 12	1	\$40.00 (expendable materials)
	<p><i>Notes: This class will emphasize more technical skills, which will allow the students to express their individual creativity. Students taking 955 Photography B enjoy photography enough that they are willing to put in extra time to ensure success. Students must use their own 35mm manual camera. A final portfolio will be required. One to three hours of homework required.</i></p>					
937	STUDIO ART A AP	Prerequisite: Art I, Art II, 1 additional 2-dimensional art course (may include Computer Science course Adobe Web Design) and Departmental approval	0.50	11, 12	1	\$80.00
	<p><i>Notes: This YEAR LONG Advanced Placement Program in Studio Art: 2-D Design is a performance based visual exam. Each student develops and submits a portfolio that serves as a direct demonstration of achievement. This course is designed for the serious art student who plans to possibly major in art at the college level. Students will work at a college level, and will be required to spend extensive time outside the classroom to work on their portfolios and do research in art history during each trimester.</i></p>					
<b>General</b>						
910	ACADEMIC ENRICHMENT CP		0.50	09	1	
	<p><i>Notes: Academic Enrichment course provides a progressive curriculum of study skills including: learning tools for diverse learning styles, self-advocacy awareness and application, test taking strategies, organizational development guidelines, and other specifically designed curriculum directed toward the goal of preparing students for successful work completion in each of their classes. Students will learn planning and task initiative in order to improve their ability to deliver quality performance on time; self monitoring and advocacy so that they may demonstrate accountability and self direction independently and with others; technology use in order to familiarize them with Mullen popular software and technology uses; and flexible thinking to establish and develop systems and tools to retain and apply information. Students are able to take this course once during their Mullen career.</i></p>					
995	ELEMENTS OF CHESS CP	Prerequisite: None	0.50	09, 10, 11, 12	1	\$15.00



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Course ID	Course Name	Prerequisites	Credit	Grade Level	Length in Terms	Course Fee
	<p><i>Notes: This course will focus on the study and practice of chess through an examination of its mathematical elements and applications. Students will learn chess basics, opening principles, game tactics, checkmate patterns and positional strategy in order to develop and improve their mat ability in the areas of critical thinking, abstract reasoning, problem solving, pattern recognition, analysis, synthesis, and evaluation.</i></p>					
990	LASALLIAN SERVICE LEARNING CP	Prerequisite:None	0.50	11, 12	1	
	<p><i>Notes: This class will offer students the opportunity through service learning to explore the practical dimensions of Catholic social justice in the local community and reflect on the Christian concept of servant leadership. Students will learn skills and content through research, practice, literature, discussion, and action by working directly with the marginalized population in the Sheridan area. The course will integrate the four stages of service: Preparation, Action, Reflection and Demonstration as well as the Catholic Lasallian core principle of Care for the Poor and Social Justice.</i></p>					
000	OFF PERIOD	Prerequisite: Juniors or Seniors signed up for at least 2 AP courses	0.00	11, 12	1	
	<p><i>Notes: This is for Junior and Senior students with a highly rigorous schedule to help with course work load.</i></p>					
999	OFFICE ASSISTANT	Prerequisite: Counselor and Secretary approval required	0.25	12	1	
	<p><i>Notes: Students will earn .25 credit assisting in one of the school offices under the direction of the office secretary.</i></p>					
956	YEARBOOK CP	Prerequisite: None	0.50	10, 11, 12	1	
	<p><i>Notes: This course will focus on the production of the school annual, Hoofbeats. Class includes copy writing, layout, photography, business and organizational skills. Some evening and weekend work is required.</i></p>					
<b>Mathematics</b>						
500	ALGEBRA I	Prerequisite: Department and De La Salle Program Director approval	1.50	09	3	
	<p><i>Notes: This course includes the following topics: simplifying variable expressions, order of operations, properties of algebra, solving linear equations, solving proportions, graphing and writing linear equations, solving linear inequalities, solving absolute value equations and inequalities, solving systems of equations and inequalities, exponential properties and functions, polynomials and factoring, solving and graphing quadratic functions, solving rational functions, and solving radical functions. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. A graphing calculator is required. (NCAA Course)</i></p>					
501	ALGEBRA I A CP	Prerequisite: None	0.50	09	1	
	<p><i>Notes: This course includes the following topics: simplifying variable expressions, orders of operations, properties of algebra, solving linear equations, solving proportions, graphing and writing linear equations, solving linear functions and linear inequalities, solving absolute values equations and inequalities. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. A graphing calculator is required. (NCAA course)</i></p>					
503	ALGEBRA I A H	Prerequisite: department approval		09	1	
	<p><i>Notes: This is a course beginning with a brief review of simplifying expressions using both whole numbers and integers, properties of real numbers and properties of algebra, solving linear equations, graphing linear functions, writing linear equations, solving and graphing linear inequalities, solving and graphing absolute value functions and inequalities. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. A graphing calculator is required. (NCAA course)</i></p>					
502	ALGEBRA I B CP	Prerequisite: 501 Algebra I A CP	0.50	09	1	
	<p><i>Notes: This course includes the following topics: solving systems of equations and inequalities, exponential properties and functions, polynomials and factoring, solving and graphing quadratic functions, solving rational and radical functions. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. A graphing calculator is required. (NCAA course)</i></p>					

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Course ID	Course Name	Prerequisites	Credit	Grade Level	Length in Terms	Course Fee
504	ALGEBRA I B H	Prerequisite: 503 Algebra I A H, department approval		09	1	
	<i>Notes: This course includes the following topics: solving systems of equations and inequalities, exponential properties and functions, polynomials and factoring, solving and graphing quadratic functions, the applications of quadratic functions, solving rational and radical functions. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. A graphing calculator is required. (NCAA course)</i>					
530	ALGEBRA I B/GEOMETRY H A	Prerequisite: Department approval		09	1	
	<i>Notes: This is a full-year course that combines the second trimester of Algebra I H and both trimesters of Geometry H. It is designed for students who demonstrate the background and the ability to bypass the first trimester of Algebra I H. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. A graphing calculator is required. (NCAA Course)</i>					
531	ALGEBRA I B/GEOMETRY H B	Prerequisite: Department approval		09	1	
	<i>Notes: This is a full-year course that combines the second trimester of Algebra I H and both trimesters of Geometry H. It is designed for students who demonstrate the background and the ability to bypass the first trimester of Algebra I H. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. A graphing calculator is required. (NCAA Course)</i>					
532	ALGEBRA I B/GEOMETRY H C	Prerequisite: Department approval		09	1	
	<i>Notes: This is a full-year course that combines the second trimester of Algebra I H and both trimesters of Geometry H. It is designed for students who demonstrate the background and the ability to bypass the first trimester of Algebra I H. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. A graphing calculator is required. (NCAA Course)</i>					
511	ALGEBRA II A	Prerequisite: 506 Geometry B, approval of De La Salle Program Director	0.50	11	1	
	<i>Notes: This course will be an in-depth study of algebra: solving linear equations and inequalities, functions and their graphs, linear systems of equations and inequalities, solving and graphing quadratic equations, irrational and complex numbers. Problem solving and applications will be stressed. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. A graphing calculator is required. (NCAA Course)</i>					
513	ALGEBRA II A CP	Prerequisite: 508 Geometry B CP	0.50	10, 11	1	
	<i>Notes: This course will be an in-depth study of algebra: solving linear equations and inequalities, functions and their graphs, linear systems of equations and inequalities, solving and graphing quadratic equations, irrational and complex numbers. Problem solving and applications will be stressed. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. A graphing calculator is required. (NCAA Course)</i>					
515	ALGEBRA II A H	Prerequisite: 510 Geometry H, department approval	0.50	09, 10, 11	1	
	<i>Notes: This course is an in-depth review of important Algebra I concepts. It covers problem solving, linear equations and inequalities, solving absolute value equations and inequalities, graphing and writing linear equations and functions, graphing and solving systems of equations and inequalities, solving systems of equations using matrices, solving and graphing quadratic equations using several methods, complex numbers, simplifying polynomial expressions, properties of exponents, solving and graphing polynomial equations. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. A graphing calculator is required. (NCAA Course)</i>					
512	ALGEBRA II B	Prerequisite: 511 Algebra II A, approval of De La Salle Program Director	0.50	11	1	
	<i>Notes: This course will be an in-depth study of quadratic equations and functions, direct and inverse variations, polynomial expressions and functions, radical expressions and functions, exponential and logarithmic functions, and conic sections. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. A graphing calculator is required. (NCAA Course)</i>					
514	ALGEBRA II B CP	Prerequisite: 513 Algebra II A CP	0.50	10, 11	1	

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Course ID	Course Name	Prerequisites	Credit	Grade Level	Length in Terms	Course Fee
	<p><i>Notes: This course will be an in-depth study of quadratic equations and functions, direct and indirect variations, polynomial expressions and functions, radical expressions and functions, rational expressions and functions, exponential and logarithmic functions, and conic sections. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. A graphing calculator is required. (NCAA Course)</i></p>					
516	ALGEBRA II B H	Prerequisite: 515 Algebra II A H, department approval	0.50	09, 10, 11	1	
	<p><i>Notes: This course studies rational exponents, power functions, solving radical equations, finding inverse relations, solving and graphing exponential functions and logarithmic functions, inverse and joint variation, simplifying rational expressions, solving and graphing rational equations, distance and midpoint formulas, conic sections, solving quadratic systems, sequences and series. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. A graphing calculator is required. (NCAA Course)</i></p>					
521	CALCULUS A H	Prerequisite: 517 Trigonometry or 518 Trigonometry H, 519 Pre-Calculus or 520 Pre-Calculus H, departmental approval		11, 12	1	\$20.00 (workbook)
	<p><i>Notes: Students will study limits, continuity of functions, and derivatives. Additionally, students will study derivative applications which will include: optimization problems, related rate problems, and velocity and acceleration problems. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. A graphing calculator is required. (NCAA Course)</i></p>					
522	CALCULUS AB AP	Prerequisite: 518 Trigonometry H and 520 Pre-Calculus H, departmental approval	1.50	11, 12	3	\$30.00 (workbook and Web Assign fee)
	<p><i>Notes: This is a three-trimester course leading to the Advanced Placement Examination. Students will study limits and continuity, derivatives, applications of derivatives, integration, applications of the definite integral, transcendental functions, and techniques of integration. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. A graphing calculator is required. All students will take the Advanced Placement exam at the end of the year. (NCAA Course)</i></p>					
542	CALCULUS B H	Prerequisite: Calculus A H	0.50	11, 12	1	
	<p><i>Notes: This course is a continuation of the concepts studied in Calculus A H. Additionally; students will study integration, applications of the definite integral, and integration techniques. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. A graphing calculator is required. (NCAA Course)</i></p>					
523	CALCULUS BC AP	Prerequisite: 518 Trigonometry H, 520 Pre-Calculus H, departmental approval	1.50	11, 12	3	\$30.00 (workbook and Web Assign fee)
	<p><i>Notes: This is a three-trimester course leading to the Advanced Placement BC examination. Students will do an in-depth study of limits and continuity, derivatives, applications of derivatives, integration, applications of the definite integral, transcendental functions, techniques of integration, improper integration, parametric, polar, and vector functions, convergence and divergence of series, Taylor and Maclaurin series. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. A graphing calculator is required. A graphing calculator is required. All students will take the Advanced Placement examination at the end of the year. (NCAA Course)</i></p>					
528	DIFFERENTIAL EQUATIONS H	Prerequisite: Calculus AB AP or Calculus BC AP	0.50	11, 12	1	\$15.00 (WebAssign Fee)
	<p><i>Notes: This course includes first and second order differential equations, linear algebra, Laplace transforms and systems of equations. Emphasis will be on modeling and applications. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. A graphing calculator is required. (NCAA course)</i></p>					
505	GEOMETRY A	Prerequisite: 500 Algebra I, approval of De La Salle Program Director	0.50	10	1	

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Course ID	Course Name	Prerequisites	Credit	Grade Level	Length in Terms	Course Fee
	<p><i>Notes: This course emphasizes the integration of logical reasoning and spatial visualization skills. Deductive reasoning, theorems and proofs are used to study relationships of points, lines, planes, angles, congruent triangles, and quadrilaterals. The inequality relationships that exist between these figures will also be studied. There will continued use of algebraic equations and graphing calculators with respect to geometry. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. (NCAA Course)</i></p>					
507	GEOMETRY A CP	Prerequisite: 502 Algebra I B CP	0.50	10	1	
	<p><i>Notes: This is a course enhanced by emphasizing and integrating logical reasoning and spatial visualization skills. Deductive reasoning, theorems, and proofs are used to study relationships of points, lines, planes, angles, congruent triangles, and quadrilaterals. The inequality relationships that exist between these figures will also be studied. There will continued use of algebraic equations and graphing calculators with respect to geometry. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. (NCAA Course)</i></p>					
509	GEOMETRY A H	Prerequisite: 504 Algebra I B H, department approval	0.50	09, 10	1	
	<p><i>Notes: This course develops deductive reasoning skills leading to formal two column proofs, paragraph proofs, and indirect proofs in Euclidean geometry. Topics include basic vocabulary, parallel and perpendicular lines and planes, congruent figures, geometric inequalities, and constructions. Students will use technology as a tool to investigate the properties of geometry, projects may be assigned. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. (NCAA Course)</i></p>					
506	GEOMETRY B	Prerequisite: 505 Geometry A, approval of De La Salle Program Director	0.50	10	1	
	<p><i>Notes: This course emphasizes the integration of logical reasoning and spatial visualization skills. Deductive reasoning is used in the approach to similar polygons, right triangles, introduction to trigonometry, circles, areas of plane figures, and areas and volumes of solids. There will be continued use of algebraic equations and graphing calculators with respect to geometry. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. (NCAA Course)</i></p>					
508	GEOMETRY B CP	Prerequisite: 507 Geometry A CP	0.50	10	1	
	<p><i>Notes: This course emphasizes the integration of logical reasoning and spatial visualization skills. Deductive reasoning is used in the approach to similar polygons, right triangles, introduction to trigonometry, circles, areas of plane figures, and areas and volumes of solids. There will be continued use of algebraic equations and graphing calculators with respect to geometry. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. (NCAA Course)</i></p>					
510	GEOMETRY B H	Prerequisite: 509 Geometry A H, department approval	0.50	09, 10	1	
	<p><i>Notes: This course builds deductive reasoning skills through the study of similar polygons, special right triangles, circles, area of plane figures, area and volume of solids. Students will use technology as a tool to investigate the properties of geometry. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. (NCAA Course)</i></p>					
539	MATH ANALYSIS A	Prerequisite: Algebra II B	0.50	12	1	\$20.00
	<p><i>Notes: This course is designed to provide students a strong foundation of pre-calculus concepts, techniques, and applications that will prepare students for more advanced work in mathematics. The course will include study of the following types of functions: polynomial, exponential, and logarithmic. Conic sections and imaginary numbers will also be studied. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. A graphing calculator is required.</i></p>					
540	MATH ANALYSIS B	Prerequisite: Math Analysis A	0.50	12	1	
	<p><i>Notes: This course is designed to provide students a strong foundation of pre-calculus concepts, techniques, and applications that will prepare students for more advanced work in mathematics. The course will include the study of trigonometry. Students will develop the unit circle, graphs of the six trigonometric functions, applications of the law of sines and cosines, and trigonometric identities. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. A graphing calculator is required.</i></p>					
541	MULTIVARIABLE CALCULUS H	Prerequisite: Calculus AB AP or Calculus BC AP	0.50	11, 12	1	\$15.00 (WebAssign Fee)

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Course ID	Course Name	Prerequisites	Credit	Grade Level	Length in Terms	Course Fee
	<p><i>Notes: In Multivariable Calculus, students extend their study of calculus from the xy-plane into 3-dimensional space. After an initial examination of geometry and algebra of 3D-space, students will use differential and integral calculus to study the nature of curves and surfaces in 3D-space. Topics include linear approximations of curves and surfaces in 3D-space, optimization of functions in several variables, use of integral calculus to study area, volume, and other applications, and an examination of the calculus of vector fields. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content.</i></p>					
519	PRE-CALCULUS CP	Prerequisite: 514 Algebra II B CP, department approval		10, 11, 12	1	
	<p><i>Notes: This course is the study of functions and the nature of their graphs, matrices, solving equations, systems of equations, logarithms, and limits. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. A graphing calculator is required. (NCAA Course)</i></p>					
520	PRE-CALCULUS H	Prerequisite: 516 Algebra II B H, department approval	0.50	10, 11, 12	1	
	<p><i>Notes: This course is an in-depth study of functions leading to AP Calculus. Students will fine tune and expand their problem solving skills through the study of the nature of graphs of functions. Students will solve problems involving exponential and rational functions, logarithms, limits, and conic sections. Students will be introduced to the derivative and integral functions from calculus. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. A graphing calculator is required. (NCAA Course)</i></p>					
524	STATISTICS A CP	Prerequisite: 514 Algebra II B CP, department approval	0.50	11, 12	1	
	<p><i>Notes: This course is an introduction to statistics and probability. Students will analyze data, find mean and standard deviation, do simulations, and solve problems using linear regressions. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. A graphing calculator is required. (NCAA Course)</i></p>					
543	STATISTICS B CP	Prerequisite: Statistics A CP	0.50	11, 12	1	
	<p><i>Notes: This course is a continuation of the concepts studied in Statistics A CP. Additionally, students will study inferential statistics, hypothesis testing, and regressions analysis. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. A graphing calculator is required. (NCAA Course)</i></p>					
517	TRIGONOMETRY CP	Prerequisite: 514 Algebra II B CP, department approval	0.50	10, 11, 12	1	
	<p><i>Notes: This course is the study of trigonometry with emphasis on applications. Students will develop the unit circle, graphs of the six trigonometric functions, applications of the law of sines and cosines, and trigonometric identities. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. A graphing calculator is required. (NCAA Course)</i></p>					
518	TRIGONOMETRY H	Prerequisite: 516 Algebra II B H, department approval	0.50	10, 11, 12	1	
	<p><i>Notes: This course is an in-depth study of trigonometry. Students will develop the unit circle, graphs of the six trigonometric functions, applications of the law of sines and cosines, and trigonometric identities. Students will also study parametric and polar equations. Math courses at Mullen build conceptual understanding, procedural fluency of skills, and application of concepts in real-world situations at a level appropriate for the course content. A graphing calculator is required. (NCAA Course)</i></p>					

### Physical Education

638	ADVANCED SPORTS MEDICINE CP	Prerequisite: Sports Medicine	0.50	11, 12	1	\$25.00
	<p><i>Notes: A college level course that concentrates on the evaluation, treatment and rehabilitation of athletic injuries. Students will know and understand the various therapeutic modalities, the evaluation process, stages of rehabilitation, as well as the healing process of soft tissue and bone and how each component works cohesively together to help athletes recover from an injury .</i></p>					
629	BOWLING CP	Prerequisite: None	0.50	10, 11, 12	1	\$100.00 (equipment and facility rental)
	<p><i>Notes: Students will have the opportunity to engage in the lifetime sport of bowling on a regular basis. Classes will be held at Belleview Lanes located at Federal and Belleview as well as at Mullen. School transportation will be provided. Students will learn rules, etiquette, how to score and will acquire the skills necessary to bowl tournament-style play. Team competitions will be held throughout the trimester. An off campus permission slip and code of conduct agreement signed by both student and parent is required.</i></p>					

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Course ID	Course Name	Prerequisites	Credit	Grade Level	Length in Terms	Course Fee
639	FALL IN SEASON TRAINING CP	Prerequisite: Varsity in season athlete AND signature from Mr. Mahmood needed		10, 11, 12	1	
	<i>Notes: This course is designed for the in-season varsity athlete who longs for more in-depth training and instruction for their team's performance program. The course will cover sports nutrition, strength training, speed, power, agility, and flexibility improvement. Post-practice and post-competition recovery and regeneration techniques will also be employed.</i>					
626	FALL STRENGTH & COND CP	Prerequisite: None	0.50	10, 11, 12	1	
	<i>Notes: This course is for the student who desires overall strength, power, and explosion. This class will take the development of the whole athlete into consideration. The use of weights, plyometrics, and speed development will be incorporated into the class.</i>					
609	FIT FOR LIFE CP	Prerequisite: None	0.50	09, 10, 11, 12	1	\$25.00
	<i>Notes: THIS IS A REQUIRED COURSE. An activity based course that will focus on cardiovascular endurance, muscular strength, muscular endurance, flexibility, and body composition as it relates to specific goals set by individual students. Students will actively engage in a sampling of course offerings in the physical education department which include but not limited to team sports, racquet, bowling, strength and conditioning and personal fitness. Through participating in a multitude of different activities students will understand the benefit of exercises and be able to develop goals when participating in activities throughout their lives.</i>					
610	HEALTH CP	Prerequisite: None	0.50	09, 10, 11, 12	1	
	<i>Notes: This REQUIRED course is designed to inform and educate the student so that he / she may gain an understanding of how to promote a healthier lifestyle. The three components of health are addressed. The importance of integrating physical, mental, and social health are taught. The course will cover nutrition, eating disorders, CPR, first aid, infectious and non-infectious diseases, heart attacks, osteoporosis, Type 1 and Type 2 diabetes, stroke, hypertension, certain cancers. The dangers of alcohol and substance abuse will be covered. Students will learn the importance of being a wise consumer. Students will engage in research projects, homework, tests, and will take a cumulative final exam.</i>					
642	PERSONAL FITNESS CP	Prerequisite: None	0.50	10, 11, 12	1	
	<i>Notes: This class will combine elements of aerobic circuit training, aerobic conditioning, core strengthening and stabilization, dynamic stretching, body alignment and circuit weight training. Students will learn the essential components of a total body conditioning program that enhances all facets of corporeal wellness while promoting lifelong health.</i>					
630	RACQUET SPORTS CP	Prerequisite: None	0.50	10, 11, 12	1	\$10.00 (equipment and facility rental)
	<i>Notes: Students will have the opportunity to focus on a specific area of interest, racquet sports. Students will participate in tennis, badminton, pickle ball, and eclipse ball. Depending on class size, we may go to the Southwest YMCA to play racquetball. Students will learn rules, etiquette, and the skills necessary to play these activities. Team and individual competition will be held on a frequent basis. An off campus permission slip and code of conduct agreement signed by student and parent will be required if and when this class goes off-campus.</i>					
636	SPORTS MEDICINE CP	Prerequisite: None	0.50	10, 11, 12	1	\$50.00 (certification, supplies, and shirt)
	<i>Notes: This course is designed to give students an introduction into the field of professional health care, with an emphasis on athletic training. This course will give students basic knowledge and skills of anatomy, physiology, pathology, emergency care, tasks and responsibilities of athletic training, medical terminology, general medical conditions, prevention and care of athletic injuries, appropriate taping and bracing skills, therapeutic modalities, appropriate stretching and strengthening techniques when dealing with rehabilitation. This class is set up to have lecture days and lab days where students practice skills. Students will earn a two year certification in first aid, CPR/AED for adult, child, and infant endorsed by the American Red Cross. This class includes an optional internship that students can apply knowledge to practical situations.</i>					
641	SPRING IN SEASON TRAINING CP	Prerequisite: Varsity in season athlete AND signature from Mr. Mahmood needed		10, 11, 12	1	
	<i>Notes: This course is designed for the in-season varsity athlete who longs for more in-depth training and instruction for their team's performance program. The course will cover sports nutrition, strength training, speed, power, agility, and flexibility improvement. Post-practice and post-competition recovery and regeneration techniques will also be employed.</i>					
628	SPRING STRENGTH & COND CP	Prerequisite: None	0.50	10, 11, 12	1	
	<i>Notes: This course is for the student who desires overall strength, power, and explosion. This class will take the development of the whole athlete into consideration. The use of weights, plyometrics, and speed development will be incorporated into the class.</i>					

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Course ID	Course Name	Prerequisites	Credit	Grade Level	Length in Terms	Course Fee
618	TEAM SPORTS I CP	Prerequisite: None	0.50	10, 11, 12	1	
	<i>Notes: This is a general P.E. group activity course. Students will be engaged in a variety of team activities. These include but not limited to volleyball, flag football, eclipse ball, ultimate Frisbee, softball, and basketball. Cooperative team play, skills, and sportsmanship will be taught and enforced.</i>					
640	WINTER IN SEASON TRAINING CP	Prerequisite: Varsity in season athlete AND signature from Mr. Mahmood needed		10, 11, 12	1	
	<i>Notes: This course is designed for the in-season varsity athlete who longs for more in-depth training and instruction for their team's performance program. The course will cover sports nutrition, strength training, speed, power, agility, and flexibility improvement. Post-practice and post-competition recovery and regeneration techniques will also be employed.</i>					
627	WINTER STRENGTH & COND CP	Prerequisite: None	0.50	10, 11, 12	1	
	<i>Notes: This course is for the student who desires overall strength, power, and explosion. This class will take the development of the whole athlete into consideration. The use of weights, plyometrics, and speed development will be incorporated into the class.</i>					
<b>Science</b>						
757	BIOLOGY A	Prerequisite: Department and De La Salle Program Director Approval	0.50	10, 11	1	
	<i>Notes: This course is the first part of a two-trimester college prep course. This beginning course will include the scientific method, microscope studies, basic chemistry, the chemistry of living things, cell structure cell processes, and basic genetics. Students will conduct laboratory investigations and write-ups, and are expected to master basic science vocabulary. (NCAA Course)</i>					
711	BIOLOGY A CP	Prerequisite: Physical Science B CP	0.50	10, 11	1	\$15.00 (WebAssign Fee)
	<i>Notes: This is the first of a two-part college prep course. This beginning trimester course will include the scientific method, microscope studies, basic chemistry, the chemistry of living things, cell structure, cell processes and basic genetics. It is a lab oriented course and will require laboratory investigation as a vehicle for learning concepts along with reading and writing. (NCAA Course)</i>					
715	BIOLOGY A H	Prerequisite: Department Approval	0.50	09, 10	1	\$15.00 (WebAssign Fee)
	<i>Notes: This first trimester of a two-part sequence follows a similar syllabus to the college-preparatory course with the major distinctions being pace and expectations. The student who successfully places into Honors Biology will be one who has a sufficient command of math including the metric system, they have well established abilities in reading comprehension, their writing skills are age-appropriate and they have the important skills of independent thought and action. As with the college preparatory course, students will study the scientific method, the microscope, and introductory chemistry, chemistry of living things, cell structure and function, cell processes and basic genetics. Student labs will be rigorous and will require technically correct reports. (NCAA Course)</i>					
718	BIOLOGY AP	Prerequisites: 721/722 Chemistry CP or 723/725 Chemistry H and department approval.		11, 12	3	\$65.00 (workbooks/lab manuals)
	<i>Notes: Biology AP is a rigorous course designed to prepare students to take the AP Biology exam in May. AP Biology is a laboratory-based, college-level course that covers three general areas: (1) molecules &amp; cells; (2) heredity &amp; evolution; (3) organisms &amp; populations. The two main goals of AP Biology are to help students develop a conceptual framework of modern biology &amp; to help students gain an appreciation of science as a process. (NCAA Course)</i>					
758	BIOLOGY B	Prerequisite: Department and De La Salle Program Director Approval	0.50	10, 11	1	
	<i>Notes: This course is the second part of a two-trimester college prep course including the following topics: studies on protein synthesis, evolution, ecology, taxonomy, and animal structure and function. Students will conduct laboratory investigations and write-ups, and are expected to master basic science vocabulary. The significant project in the class involves dissection of a fetal pig: a course requirement. (NCAA Course)</i>					
712	BIOLOGY B CP	Prerequisite: 711 Biology A CP	0.50	10, 11	1	\$15.00 (WebAssign Fee)

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Course ID	Course Name	Prerequisites	Credit	Grade Level	Length in Terms	Course Fee
		<p><i>Notes: This is the second part of the two-part required Biology course. It will include studies on protein synthesis, evolution, ecology, taxonomy, and animal structure/function. Students will be expected to have skills in lab write-ups and know basic science vocabulary. The course is lab oriented and will require that students have skill in laboratory investigation. The significant project in the class involves dissection of a fetal pig: a course requirement. (NCAA Course)</i></p>				
716	BIOLOGY B H	Prerequisite: Completion of 715 Biology A H with a C or higher	0.50	09, 10	1	\$15.00 (WebAssign Fee)
		<p><i>Notes: This second part of a two-part course again follows the college preparatory curriculum with a quicker pace and more depth. The topics for the course include DNA and protein synthesis, evolution, ecology, toxicology, plant and animal structure and function. The significant project in the class involves dissection of a fetal pig: a course requirement. (NCAA)</i></p>				
747	BIOTECHNOLOGY CP	Prerequisite: 721/722 Chemistry CP or 723/725 Chemistry H	0.50	11, 12	1	
		<p><i>Notes: Biotechnology is a rigorous and exciting course designed to give students a comprehensive introduction to cutting edge scientific concepts and laboratory research techniques in the field of biotechnology. Students will engage in design projects from fields such as: the pharmaceutical (medicinal design), biofuel and genetically modified foods industries. Students will explore and evaluate career opportunities in the field of biotechnology through extensive readings, laboratory design experiments, class discussions, research projects, guest speakers, and workplace visits.</i></p>				
720	CHEMISTRY	Prerequisite: 755 Physical Science, 711 Biology A CP, 712 Biology B CP, 500 Algebra I, Approval of De La Salle Program Director	1.50	11, 12	3	\$15.00 (Web Assign Fee)
		<p><i>Notes: This course will include metric system, atomic theory, and nuclear reactions, electron configurations, the Periodic Table, bonding and shapes of molecules, molecular polarity as it relates to the properties of solids, liquids and gases, formulas and names of chemical compounds, and the mole. In addition, the course will include: review of moles, writing and balancing equations; stoichiometry, solutions and molarity, gas laws, heat energy and thermodynamics, acid base chemistry, chemical kinetics and equilibrium. Experiments will aid the student to reach an understanding of interactions of matter. Use of laboratory experiments will continue to reinforce the concepts studied in class. (NCAA Course)</i></p>				
721	CHEMISTRY A CP	Prerequisite: 711/712 Biology CP or 715/716 Biology H, 501/502 Algebra I CP or 503/504 Algebra I H	0.50	10, 11, 12	1	\$15.00 (Web Assign fee)
		<p><i>Notes: This first part of a two-part course will include metric system, atomic theory, and nuclear reactions, electron configurations, the Periodic Table, bonding and shapes of molecules, molecular polarity as it relates to the properties of solids, liquids and gases, formulas and names of chemical compounds, and the mole. Experiments will aid the student to reach an understanding of interactions of matter. (NCAA Course)</i></p>				
723	CHEMISTRY A H	Prerequisite: 711/712 Biology CP or 715/716 Biology H, 501/502 Algebra I CP or 503/504 Algebra I H, and Science Department approval.	0.50	10, 11, 12	1	\$15.00 (Web Assign fee)
		<p><i>Notes: This is considered an accelerated chemistry course. The course requires students to have laboratory experimentation skills. Some of the topics covered will be atomic structure and electron configurations, quantum theory and numbers, hybridization, nuclear reactions, periodicity, nomenclature, mole calculations, empirical &amp; molecular formulas, and balancing equations. Students will be expected to apply concepts that they have learned to different situations. This is an excellent course for those students wishing to continue some future in medicine, engineering or science. (NCAA Course)</i></p>				
724	CHEMISTRY AP	Prerequisite: 721/722 Chemistry CP or 723/725 Chemistry H and departmental approval.	1.50	11, 12	3	\$30.00 (workbook and Web Assign fee)
		<p><i>Notes: This course is designed as the equivalent of first-year collegiate chemistry. It also is designed to prepare students to take the Advanced Placement Chemistry examination. Students will attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. Emphasis will be placed on chemical calculations, mathematical formulations of principles, college-level laboratory work, and clear, logical oral and written expression of ideas. In this course, quantitative differences from both CP and Honors Chemistry will appear in the number of topics treated, class work and homework time and intensity, and the nature and variety of laboratory experiments. (NCAA Course)</i></p>				



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Course ID	Course Name	Prerequisites	Credit	Grade Level	Length in Terms	Course Fee
722	CHEMISTRY B CP	Prerequisite: 721 Chemistry A CP	0.50	10, 11, 12	1	\$15.00 (Web Assign fee)
	<i>Notes: This is the second part of a two-part course of the college-prep chemistry classes. It completes the requirement for chemistry. The course will include: review of moles, writing and balancing equations; stoichiometry, solutions and molarity, gas laws, heat energy and thermodynamics, acid base chemistry, chemical kinetics and equilibrium. Use of laboratory experiments will continue to reinforce the concepts studied in class. (NCAA Course)</i>					
725	CHEMISTRY B H	Prerequisite: Completion of 723 Chemistry A H with a C or higher.	0.50	10, 11, 12	1	\$15.00 (Web Assign fee)
	<i>Notes: This is considered an accelerated chemistry course and is a continuation of Chemistry A H. This course requires students to have laboratory experimentation skills. Some of the topics covered will be stoichiometry, behavior of gases, solution chemistry, colligative properties, dissociation and ionization, thermodynamics, acid base chemistry, kinetics, equilibrium, and electrochemistry. Students will be expected to apply concepts that they have learned to different situations. This is an excellent course for those students wishing to pursue a career in an area of science. (NCAA Course)</i>					
728	COMPARATIVE ANATOMY CP	Prerequisite: 711/712 Biology CP or 715/716 Biology H	0.50	10, 11, 12	1	\$20.00
	<i>Notes: This is a college-style course on the specifics of mammalian anatomy. Focus will be upon the human, with domestic and familiar animals used in comparison. Lab work will include required dissections of several organ systems, culminating in the complete domestic cat. Recommended for students who are interested in pursuing a medical or veterinary career. (NCAA Course)</i>					
770	ENGINEERING CP	Prerequisite: None	0.50	10, 11, 12	1	\$50.00 (Supply Fee)
	<i>Notes: Students will be introduced to the mechanical engineering design process by completing projects in which they design, build, and test specific devices. Students will gain hands-on experience working through the engineering design cycle and will learn the concepts and technology to help support their development of a solution. Students will work cooperatively in small design groups and present their work. (NCAA Course)</i>					
771	ENGINEERING DYNAMICS CP	Prerequisite: completion of Algebra II CP/H	0.50	10, 11, 12	1	\$50 per student for engineering supplies
	<i>Notes: Students will be exposed to college-level video lessons and course materials in the fields of Civil Engineering, Mechanical Engineering, and Electrical Engineering. Students will design, construct and analyze projects in each of the above fields of engineering. A high level of mathematical problem solving is required.</i>					
726	ENVIRONMENTAL SCIENCE CP	Prerequisite: 710 Biology, 711/712 Biology CP or 715/716 Biology H	0.50	10, 11, 12	1	
	<i>Notes: A review of the abiotic portions of the Earth and Earth processes as well as an in-depth study of how Earth's biotic factors interact with each other and with their abiotic environment. Emphasis on the impact of man on his environment as well as an analysis of current environmental topics.(NCAA Course)</i>					
737	FORENSICS: SCIENCE CP	Prerequisite: 721/722 Chemistry CP or 723/725 Chemistry H and 835/836 US Government CP or 837/838 US Government H	0.50	11, 12	1	
	<i>Notes: This course is part one of a two-part interdisciplinary class in which students who have completed the prerequisite science and social studies classes are able to combine their studies to study the fields of science and law in more depth. This laboratory-based class will focus crime scene analysis, trace evidence, serology, forensic anthropology, DNA fingerprint analysis, ballistics and forensic entomology. Students must also enroll in 866 Forensics: Law CP (NCAA Course)</i>					
729	HUMAN PHYSIOLOGY CP	Prerequisite: 711/712 Biology CP or 715/716 Biology H (728 Comparative Anatomy CP recommended)	0.50	10, 11, 12	1	\$40.00 (cadaver lab)
	<i>Notes: A college-style course on the workings of the human body. Focus will be upon the processes involved in a living mammalian system. A working knowledge of human anatomy is helpful. Lab work will include various experiments with students as their own subjects. Recommended for students interested in medicine or sports physiology careers. (NCAA Course)</i>					
755	PHYSICAL SCIENCE A	Prerequisite: Approval of De La Salle Program Director	0.50	09, 10	1	

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Course ID	Course Name	Prerequisites	Credit	Grade Level	Length in Terms	Course Fee
	<p><i>Notes: This course includes the metric system, scientific notation, significant figures, measurement and analysis, the study of matter, the atomic structure, and the periodic table.. Students perform hands-on laboratory experiments to investigate concepts studied in class. This is an excellent course to prepare students for subsequent chemistry courses. (NCAA Course)</i></p>					
702	PHYSICAL SCIENCE A CP	Prerequisite: None	0.50	09, 10	1	\$15.00 (WebAssign Fee)
	<p><i>Notes: This course includes the metric system, scientific notation, significant figures, measurement and analysis, the study of matter, the atomic structure, and the periodic table.. Students perform hands-on laboratory experiments to investigate concepts studied in class. This is an excellent course to prepare students for subsequent chemistry courses. (NCAA Course)</i></p>					
704	PHYSICAL SCIENCE A H	Prerequisite: Department Approval	0.50	09, 10	1	
	<p><i>Notes: This course moves at a faster pace than its CP counterpart. Students will be expected to demonstrate a good grasp of scientific notation, conversion of units, and algebraic manipulation of equations as they enter the class. Topics include the metric system, scientific notation, significant figures, measurement and analysis, the study of matter, the atomic structure, the periodic table, balancing equations, basic stoichiometry, acids and bases. Students perform hands-on laboratory experiments to investigate concepts studied in class. This is an excellent course to prepare students for subsequent chemistry courses. (NCAA Course)</i></p>					
756	PHYSICAL SCIENCE B	Prerequisite: Physical Science A, Approval of De La Salle Program Director	0.50	09, 10	1	
	<p><i>Notes: Topics include motion, forces, gravity, work, power, energy, simple machines, mechanical waves, and sound. Students perform hands-on laboratory experiments to investigate concepts studied in class. This is an excellent course to prepare students for subsequent physics courses. (NCAA Course)</i></p>					
703	PHYSICAL SCIENCE B CP	Prerequisite: Physical Science A CP	0.50	09, 10	1	\$15.00 (WebAssign Fee)
	<p><i>Notes: Topics include motion, forces, gravity, work, power, energy, simple machines, mechanical waves, and sound. Students perform hands-on laboratory experiments to investigate concepts studied in class. This is an excellent course to prepare students for subsequent physics courses. (NCAA Course)</i></p>					
705	PHYSICAL SCIENCE B H	Prerequisite: Physical Science A H with a C or higher	0.50	09, 10	1	\$15.00 (WebAssign Fee)
	<p><i>Notes: This course moves at a faster pace than its CP counterpart. Topics include motion, forces, gravity, work, power, energy, simple machines, mechanical waves, and sound. Students perform numerous hands-on laboratory experiments to investigate concepts studied in class. This is an excellent course to prepare students for subsequent physics courses. (NCAA Course)</i></p>					
741	PHYSICS A CP	Prerequisite: 513/514 Algebra II CP or 515/516 Algebra II H	0.50	11, 12	1	\$15.00 (Web Assign fee)
	<p><i>Notes: This algebra-based physics course is designed to give students hands-on problem-solving and laboratory experience in the field of mechanics. Topics include the SI-system, vectors, one and two dimensional kinematics, Newton's Laws, statics, dynamics and circular motion. In addition, students may complete one or more mechanical design projects. This course is intended for students who are considering a continuation of their science studies at the college level. (NCAACourse)</i></p>					
745	PHYSICS A H	Prerequisite: 513/514 Algebra II CP or 515/516 Algebra II H, and Science Department approval.	0.50	11, 12	1	\$15.00 (Web Assign fee)
	<p><i>Notes: Physics Honors is a rigorous algebra-based physics course with introduction of calculus. Topics include the SI-system, vectors, one and two dimensional kinematics, uniform circular motion, Newton's Laws, statics, dynamics, work, energy, power and momentum. There is a strong emphasis on problem solving and laboratory work. In addition, students may complete one or more mechanical design projects. This course is intended for students who are strongly interested in continuing their science studies at the college level and may pursue a major in physics or engineering. . (NCAA Course)</i></p>					
742	PHYSICS B CP	Prerequisite: 741 Physics A CP	0.50	11, 12	1	\$15.00 (Web Assign fee)

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Course ID	Course Name	Prerequisites	Credit	Grade Level	Length in Terms	Course Fee
	<p><i>Notes: This algebra-based physics course is designed to give students hands-on problem-solving and laboratory experience in the fields of energy and electricity. Topics include work, energy, momentum, electric charge, electric field, electric potential, current, resistance, capacitance and circuit analysis. In addition, students may complete one or more electrical-circuit design projects. This course is intended for students who are considering a continuation of their science studies at the college level. (NCAA Course)</i></p>					
746	PHYSICS B H	Prerequisite: Completion of Physics A H with a C or higher	0.50	11, 12	1	\$15.00 (Web Assign fee)
	<p><i>Notes: Physics Honors is a rigorous algebra-based physics course with introduction of calculus. Topics include rotational motion, moment of inertia, conservation of angular momentum, torque, static equilibrium, electric force, electric field, electric potential, current, resistance, capacitance and RC circuit analysis. There is a strong emphasis on problem solving and laboratory work. In addition, students may complete one or more electrical design projects. This course is intended for students who are strongly interested in continuing their science studies at the college level and may pursue a major in physics or engineering. (NCAA Course)</i></p>					
740	PHYSICS C AP	Prerequisites: Department approval. Co-requisite: Calculus AB/BC AP	1.50	11, 12	3	\$30.00 (Workbook and WebAssign Fee)
	<p><i>Notes: AP Physics C is a rigorous calculus-based physics course designed to prepare students to take the AP Physics C - Mechanics and AP Physics C - Electricity &amp; Magnetism exams in May. Mechanics topics include one and two dimensional kinematics, uniform circular motion, Newton's Laws, statics, dynamics, work, energy, power, momentum, rotational motion, gravitation and oscillations. Electricity topics include electric force, electric field, electric potential, current, resistance, capacitance and RC circuit analysis. Magnetism topics include magnetic fields and flux, magnetic induction, inductance, and RL circuit analysis. There is a strong emphasis on problem solving and laboratory work. This course is intended for students who are strongly interested in continuing their science studies at the college level and may pursue a major in physics or engineering. (NCAA Course)</i></p>					
744	SCIENCE LAB ASSISTANT	Prerequisite: departmental approval	0.50	12	1	
	<p><i>Notes: Students will learn basic and advanced laboratory procedures, scientific equipment maintenance, and experiment/research methods. Students will assist the instructor with a variety of laboratory tasks and projects.</i></p>					
<b>Social Studies</b>						
879	ECONOMICS CP	Prerequisite: None	0.50	11, 12	1	
	<p><i>Notes: This course teaches students how society manages its scarce resources, how people make decisions, interact in the domestic and international markets, and how forces and trends affect the economy as a whole. Students will understand the allocation of scarce resources in societies through analysis of individual choice, market interaction, and public policy. In studying macroeconomics, they will analyze how government activities influence the economy through comparing and contrasting the monetary and fiscal policies of the U.S. government to stabilize the economy. They will analyze the role of corporations in U.S. political history. Students will study command markets, socialism, communism, and market capitalism along with the market structures of pure competition, oligopoly, and monopolies. Projects include a study and analysis of the U.S. budget and Colorado's State budget. (NCAA Course)</i></p>					
866	FORENSICS: LAW CP	Prerequisites: Forensics: Science CP	0.50	11, 12	1	
	<p><i>Notes: This course is the second part of 737 Forensics: Science CP. Students will examine the topics of historical and legal foundations of forensic science. Using the jurisprudence system in criminal law, they will understand the criminal statutes, exclusionary evidence, procedural and substantive due process, and the rights of defendants charged with first degree/second degree murder. They will study high profile cases and critically analyze the evidence, and issues regarding testimony and admissibility of evidence in court from the standpoint of the prosecution and the defense. Students will learn basic court rules and protocol to conduct a mock trial as a major course project. (NCAA course)</i></p>					
865	HOLOCAUST CP	Prerequisite: Course instructor approval	0.50	11, 12	1	
	<p><i>Notes: This course provides students with an interdisciplinary treatment of literature, history, art, music, and the immorality of Hitler and the Nazis during the Shoah. The historical approach will include the history of anti-Semitism, pre and post World War I, Jewish life in pre-war Europe, the Holocaust, trials at Nuremberg, the development of the state of Israel, genocide since the Shoah, and present day relations between the Palestinians and the Israelis. Literary works include fiction and nonfiction accounts from survivors, victims, and perpetrators through poetry, short stories, personal accounts, and biographies. Theological issues covered include racial and ethnic prejudice, Jewish and Christian heritage, and the moral decision making for those involved in the Holocaust during the Final Solution. Students will read, discuss, and journal their reactions to what they are studying along with being a part of the Intl. Book Sharing Project with a high school in Israel. (NCAA Course)</i></p>					
861	HUMAN DEVELOPMENT CP	Prerequisite: Introduction to Psychology CP	0.50	11, 12	1	

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Course ID	Course Name	Prerequisites	Credit	Grade Level	Length in Terms	Course Fee
	<p><i>Notes: Human Development, Personality, and Psychological Disorders examine in depth the ramifications of human thought, behavior, and emotion on human beings. Within the framework of human development, students will explore the formation of personality, attitude development, communication and its link to human development across the life span. Grasping how and why people develop as they do, and why they achieve or fail to achieve their potentials, are the overriding objectives of this course. (NCAA Course)</i></p>					
803	HUMAN GEOGRAPHY AP	Prerequisite: Department approval	1.50	11, 12	3	
	<p><i>Notes: The AP Human Geography course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students will learn about the nature of and perspectives of geography, population, cultural patterns and processes, political organization of space, agricultural and rural land use, industrialization and economic development, cities and urban land use. They also learn about the methods, models, and tools geographers use in their research and applications.</i></p>					
802	HUMAN GEOGRAPHY CP	Prerequisite: None	0.50	09, 10, 11, 12	1	
	<p><i>Notes: This course is designed to introduce students to the study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. The course is a required class and must be taken before graduation. (NCAA Course)</i></p>					
860	INTRO TO PSYCHOLOGY CP	Prerequisite: None	0.50	11, 12	1	
	<p><i>Notes: Introduction to Psychology acquaints students with the fundamentals of human behavior and mental processes. As a science, psychology requires a systematic approach to comprehending human thought and behavior. This approach enables students to comprehend the key forces that shape human memory, sensation, perception, learning, and consciousness. Grasping how and why people act and think as they do is the overriding objective of Introduction to Psychology. (NCAA Course)</i></p>					
852	RECENT AMERICAN HISTORY CP	Prerequisite: US Hist A and US History B	0.50	11, 12	1	
	<p><i>Notes: This course is designed to provide students with an overview of America's most important historical and cultural developments between 1945 and 1987. This course will focus heavily on both the foreign and domestic issues, which have shaped the attitudes and expectations of the American people. Study of the Cold War, the civil rights movement, the modern welfare state, Vietnam, the counter-culture, pop culture, and the Reagan Revolution will enable students to comprehend both who they are and what it means to be an American. Each theme includes a variety of essential questions that will challenge the students to think critically about both the past and the present. Within each theme a variety of approaches will be used to both teach and assess the essential concepts. (NCAA Course)</i></p>					
840	U.S. GOV & POLITICS AP	Prerequisite: Department approval	1.50	10, 11, 12	3	
	<p><i>Notes: This college level class is designed to teach students how our government was founded, structured and operates. Emphasis is placed on the U.S. Constitution and its interaction with other branches of government. Students will study primary and secondary documents from the framers through present historians and political advisors to research topics and analyze data. Students will do a variety of summer readings and volunteer in governmental agencies, in preparation for class activities. During the year they will read three books, have reading quizzes on chapters, socratic seminars, debates, article assessments, and multiple choice tests with Free Response Questions over each chapter in their college text. They compete in the "We The People" mock congressional hearings and complete a twenty page research paper on public policy issues. Students prepare to take the Government AP Exam in May. (NCAA Course)</i></p>					
835	U.S. GOVERNMENT A CP	Prerequisite: World History A CP/World History B CP	0.50	11, 12	1	
	<p><i>Notes: This class covers the basic structure of the American government with particular emphasis on the U.S. Constitution and the electoral process. The course will introduce the six principles of Constitutionalism; federalism, rule of law, popular sovereignty, judicial review, checks and balances, and separation of powers, and closely examine the election process from local caucuses through the nominations and elections of candidates. Students will be expected to master a comprehensive civics vocabulary, learn to effectively use a variety of sources to support political positions and arguments, and further improve their analytic writing and speaking skills as they participate in civic discourse. The course uses a variety of methods for instruction including class readings, lecture, mock elections, discussion, group projects, and written essays tests and quizzes. This course also requires students to fulfill a contract of outside interviews and visits to govt., community and civic orgs.</i></p>					
837	U.S. GOVERNMENT A H	Prerequisites: Department approval	0.50	10, 11, 12	1	

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Course ID	Course Name	Prerequisites	Credit	Grade Level	Length in Terms	Course Fee
	<p><i>Notes: This class covers the basic structure of the American government with particular emphasis on the U.S. Constitution and the electoral process to introduce the six principles of Constitutionalism and closely examine the election process from local caucuses through the nominations and elections of candidates. Students will be expected to master a comprehensive civics vocabulary, learn to effectively use a variety of sources to support political positions and arguments, and further improve their analytical writing and speaking skills as they participate in civic discourse. Honors students will be required to complete Summer reading on the Founding Brothers as well as completing the "We the People" program of study and presentation. The course also requires students to fulfill a contract of outside interviews and visits to government, community and social organizations, and a second contract requiring the collection and analysis of weekly current events. Summer reading assignments required.</i></p>					
836	U.S. GOVERNMENT B CP	Prerequisite: U.S. Government A CP	0.50	11, 12	1	
	<p><i>Notes: This class covers the judicial branch along with a more advanced study of the Presidency, the influence of the media, the power of special interest groups, the federal bureaucracy, and the development of foreign policy. Two areas of focus will include the tracking and analysis of current or recent legislation and an introduction to the court system, civil liberties and due process. . The course uses a variety of methods for instruction including class readings, lecture, mock trials , discussion, group projects, and written essays tests and quizzes. Students must also complete a contract of outside interviews and visits to the judicial and criminal justice system of their state or county and a second contract requiring the collection and analysis of weekly current events. The will research and write a position paper on a landmark decision. (NCAA Course)</i></p>					
838	U.S. GOVERNMENT B H	Prerequisites: Department approval	0.50	10, 11, 12	1	
	<p><i>Notes: This class covers the judicial branch, the state and federal jurisdictions, civil liberties and due process of law. Students must complete a contract of outside interviews and visits to the judicial and criminal justice system of their state, county, and municipality finding weekly current events on criminal and civil court cases. They will critically analyze various readings and views concerning judicial restraint versus judicial activism as it applies to the Supreme Court. Honors students will be required to read and submit chapter summaries of the book The Nine on the Supreme Court with fifty cases, write a biography/resume of a current or past Supreme Court Justice, and complete a short research paper on a specific Supreme Court decision. Students will be required to complete additional outside reading on the appeal process and/or the current social issues involved in Civil Rights. These students will also be involved with the American Bar Assn. Natl. Law Day. (NCAA Course)</i></p>					
826	U.S. HISTORY A	Prerequisite: World History A/B, Department and De La Salle Program Director approval	0.50	10	1	
	<p><i>Notes: This course is designed to provide students with an understanding of the economic, political, Social, geographic and cultural forces that shaped the development of the United States between 1754 and 1887. Students will study the political and social elements of the American Revolution, the struggles and social injustices of the young Republic, the causes, actions and results of the Civil War, and the growth and expansion of the US and its economy.</i></p>					
822	U.S. HISTORY A CP	Prerequisites: World History A and B	0.50	10, 11	1	
	<p><i>Notes: This course is designed to provide students with an understanding of the economic, political, social, geographic and cultural forces that shaped the development of the United States between 1754 and 1887. The A semester will include a larger focus on the political and social elements of the American Revolution, the struggles and social injustices of the young Republic, the causes, actions and results of the Civil War, and the growth and expansion of the US and its economy.</i></p>					
824	U.S. HISTORY A H	Prerequisites: World History A/B	0.50	10, 11	1	
	<p><i>Notes: This course is designed to provide students with the analytical skills and factual knowledge to deal critically with the problems and issues in American History. Students will learn to assess historical materials, their relevance to a given interpretive problem, their reliability and their importance. The course will focus on the political, geographic, and cultural forces that have shaped the development of the United States between 1754 and 1887. The A semester will include a larger focus on the political and social elements of the American Revolution, the struggles and social injustices of the young Republic, the causes actions and results of the Civil War, and the growth and expansion of the US and its Economy.</i></p>					
850	U.S. HISTORY AP	Prerequisites: Department approval	1.50	11, 12	3	
	<p><i>Notes: The AP U.S. History course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. history. The class prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. In the class, students will learn to assess historical materials and to weigh the evidence and interpretations presented in historical scholarship. This three trimester course is taken in place of the U.S. History core classes. (NCAA Course)</i></p>					

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Course ID	Course Name	Prerequisites	Credit	Grade Level	Length in Terms	Course Fee
827	U.S. HISTORY B	Prerequisite: U.S. History A, Department and De La Salle Program Director approval	0.50	10	1	
<p><i>Notes: This course is designed to provide students with an understanding of the economic, political, social, geographic and cultural forces that shaped the development of the United States between 1880 and 1980. The students will study the industrial and military growth in the US, the Great Depression, the World Wars, Cold War, Vietnam War and the struggle for Civil Rights.</i></p>						
823	U.S. HISTORY B CP	Prerequisite: U.S. History A CP	0.50	10, 11	1	
<p><i>Notes: This course is designed to provide students with an understanding of the economic, political, social, geographic and cultural forces that shaped the development of the United States between 1880 and 1980. The B Semester will include a larger focus on Industrial and Military Growth, The Rise of Progressivism, The Great Depression, the World Wars, The Cold War, the Vietnam War, and the struggle for Civil Rights.</i></p>						
825	U.S. HISTORY B H	Prerequisites: U.S. History A H	0.50	10, 11	1	
<p><i>Notes: This course is designed to provide students with the analytical skills and factual knowledge to deal critically with the problems and issues in American History. Students will learn to assess historical materials, their relevance to a given interpretive problem, their reliability and their importance. The course will focus on the political, geographic, and cultural forces that have shaped the development of the United States between 1880 and 1980. The B Semester will include a larger focus on Industrial and Military Growth, The Rise of Progressivism, The Great Depression, the World Wars, The Cold War, the Vietnam War, and the struggle for Civil Rights.</i></p>						
815	WORLD HISTORY A	Prerequisite: Department and De La Salle Program Director approval	0.50	09	1	
<p><i>Notes: This course is designed to acquaint students with World History from the late medieval world to 19th century revolutions. Students will examine the political philosophies that shaped the world, the role of religion, the consequences of interaction on world cultures and economies, and the results of the search for new knowledge. Topics of study will include the Renaissance and Reformation, Age of Exploration and Discovery, the Emergence of Nation-State, the Age of Reason, and the impact of revolutions. Students in this course will receive additional guidance and structure to aid in the development of historical skills. Supportive texts, teacher modelling and graphic organizers assist students in researching, note-taking, creating and defending ideas, analyzing various texts, exploring the historical methodology and preparing for deeper understanding the social sciences. (NCAA Course)</i></p>						
811	WORLD HISTORY A CP	Prerequisite: None		09	1	
<p><i>Notes: This course is designed to acquaint students with World History from the late medieval world to 19th century revolutions. Students will examine the political philosophies that shaped the world, the role of religion, the consequences of interaction on world cultures and economies, and the results of the search for new knowledge. Topics of study will include the Renaissance and Reformation, Age of Exploration and Discovery, the Emergence of Nation-State, the Age of Reason, and the impact of revolutions. This course will also develop historical skills including researching, note-taking, creating and defending ideas, analyzing various texts, exploring the historical methodology and preparing for deeper understanding the social sciences. (NCAA Course)</i></p>						
813	WORLD HISTORY A H	Prerequisites: Department approval	0.50	09	1	
<p><i>Notes: This course is designed to acquaint students with World History from the late medieval world to 19th century revolutions. Students will examine the political philosophies that shaped the world, the role of religion, the consequences of interaction on world cultures and economies, and the results of the search for new knowledge. Topics of study will include the Renaissance and Reformation, Age of Exploration and Discovery, the Emergence of Nation-State, the Age of Reason, and the impact of revolutions. This course will also develop historical skills including researching, note-taking, creating and defending ideas, analyzing various texts, exploring the historical methodology and preparing for deeper understanding the social sciences. For a student to thrive in honors, they have a greater responsibility to work independently, provide more complexity and detail in the creation and defense of ideas, read analytic texts from varied sources, and move at an accelerated pace.</i></p>						
816	WORLD HISTORY B	Prerequisite: World History A and Department and De La Salle Program Director approval	0.50	09	1	
<p><i>Notes: This course is designed to acquaint students with World History from the Industrial Age through the origins of the Cold War. Students will examine the role of technology and conflicting political ideologies as well as the decline of Asian power and the growth of Europe, the impact of economics on world order and the changing role of the church. Topics of study will include the Industrial Revolution, the Age of Imperialism, the world wars and the beginning of the Cold War. Students in this course will receive additional guidance and structure to aid in the development of historical skills. Supportive texts, teacher modelling and graphic organizers assist students in researching, note-taking, creating and defending ideas, analyzing various texts, exploring the historical methodology and preparing for deeper understanding the social sciences. (NCAA Course)</i></p>						

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Course ID	Course Name	Prerequisites	Credit	Grade Level	Length in Terms	Course Fee
812	WORLD HISTORY B CP	Prerequisite: World History A CP	0.50	09	1	
<p><i>Notes: This course is designed to acquaint students with World History from the Industrial Age through the origins of the Cold War. Students will examine the role of technology and conflicting political ideologies as well as the decline of Asian power and the growth of Europe, the impact of economics on world order and the changing role of the church. Topics of study will include the Industrial Revolution, the Age of Imperialism, the world wars and the beginning of the Cold War. This course will also develop historical skills including researching, note-taking, creating and defending ideas, analyzing various texts, exploring the historical methodology and preparing for deeper understanding the social sciences. (NCAA Course)</i></p>						
814	WORLD HISTORY B H	Prerequisites: World History A H	0.50	09	1	
<p><i>Notes: This course is designed to acquaint students with World History from the Industrial Age through the origins of the Cold War. Students will examine the role of technology and conflicting political ideologies as well as the decline of Asian power and the growth of Europe, the impact of economics on world order and the changing role of the church. Topics of study will include the Industrial Revolution, the Age of Imperialism, the world wars and the beginning of the Cold War. This course will also develop historical skills including researching, note-taking, creating and defending ideas, analyzing various texts, exploring the historical methodology and preparing for deeper understanding the social sciences. For a student to thrive in honors, they have a greater responsibility to work independently, provide more complexity and detail in the creation and defense of ideas, read analytical texts from varied sources and move at an accelerated pace. (NCAA Course)</i></p>						
<b>Theology</b>						
041	APPLIED SPIRITUALITY CP	Prerequisites: Morality CP	0.50	12	1	
<p><i>Notes: Drawing on the knowledge of prayer, Catholic practices, morality, history and beliefs that students have gained during previous years of theology, this capstone class is designed to aid students in developing spiritual practices, within the context of a Lasallian Roman Catholic school. The emphasis in the class is on spiritual growth, deeper understanding of self, God and others and the vocation to love.</i></p>						
045	BIOETHICS CP	Prerequisite: None	0.50	11, 12	1	
<p><i>Notes: Bioethics is an exploration of modern technologies related to medicine and biology and how they affect the dignity of the human person. The course focuses on what it means to be human from the biological, philosophical and spiritual perspectives. Foundational scientific understandings including the Big Bang Theory, evolution, embryology, stem cell research, fertility, end of life issues, and current issues in the news are studied. Finally, the moral, legal and political implications of controversial technologies are examined through the lens of the Catholic Church's teachings on human dignity.</i></p>						
042	COMPARATIVE RELIGIONS CP	Prerequisite: None	0.50	11, 12	1	
<p><i>Notes: This course is a comparative study of the major world religions including Hinduism, Buddhism, Confucianism, Taoism, Judaism, Islam, Christianity, and nature religions. Under the mandate of Nostra Aetate, this class seeks to discover "what is true and holy in these religions." Experiential and cultural emphasis invite both empathy and understanding of peoples of the world.</i></p>						
032	MORALITY A CP-HUMAN NATURE	Prerequisite: Reasons for the Faith A CP, Reasons for the Faith B CP	0.50	11	1	
<p><i>Notes: This course is designed to help students explore what it means to be happy through the fulfilment of our human nature by choosing to do the good. Specifically, this course will build on the fundamental principles of truth and philosophy learned in Reasons for the Faith to understand the universal nature of morality. Students will understand the roles of freedom and conscience and the steps for making a moral decision. In addition, the 10 Commandments and the teachings of Jesus will be examined in detail to help students understand their moral responsibilities.</i></p>						
033	MORALITY B CP-NATR OF LOVE	Prerequisite: Morality A CP-Human Nature	0.50	11	1	
<p><i>Notes: This course will examine the definition and nature of love as it is revealed in the Trinity and embraced as part of human nature. Students will explore the human need and call to relationship. Students will discover that fulfillment in this life and the next lies in a gift of self and how this applies to their lives. John Paul II's 'Theology of the Body' and other Catholic teachings will be used to examine the implications for friendship, dating, marriage, and family life. Finally, students will examine the basics of human sexuality and the challenges our culture faces.</i></p>						
015	NEW TESTAMENT CP	Prerequisites: Old Testament CP	0.50	09	1	
<p><i>Notes: Salvation history reaches its fullness in the study of the life and teachings of Jesus Christ, as witnessed by the writers of the Gospels, St. Paul and the witnesses of the early Church. The New Testament will be studied through the historical, cultural, political, and theological background of the New Testament world, as well as through the New Testament authors and their intentions. In addition, the foundation and early tradition of the Church will be studied. Students will be challenged to experience Jesus himself and the Paschal Mystery as an invitation to love of God, self and others.</i></p>						

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Course ID	Course Name	Prerequisites	Credit	Grade Level	Length in Terms	Course Fee
014	OLD TESTAMENT CP	Prerequisites: None	0.50	09	1	
	<i>Notes: This class lays the foundation for understanding self, God and others, through an examination of the Hebrew Scriptures and the story of God's loving covenant call to a particular people. Salvation history, as presented in the books of the Old Testament, is understood and interpreted from the Roman Catholic viewpoint.</i>					
026	REASONS FOR THE FAITH A CP	Prerequisite: New Testament CP		10	1	
	<i>Notes: This class explores the historical, philosophical, and theological foundations of the Catholic faith. Organized around fundamental questions that arise from the human condition: What is true? How can we know? Why do we need faith? Does God exist? Is Jesus God? This inquiry based approach will allow students to wrestle with reasons for having faith, giving special attention to how the Catholic Church has approached these issues throughout its lived history.</i>					
027	REASONS FOR THE FAITH B CP	Prerequisite: Reasons for the Faith A CP		10	1	
	<i>Notes: This class continues the exploration of the historical, philosophical, and theological foundations of the Catholic faith. Organized around additional fundamental questions that arise from the human condition: What is the Catholic Church? Why are their denominations? How do I pray? Where is God in suffering? What happens after death? This inquiry based approach will allow students to wrestle with reasons for having faith, giving special attention to how the Catholic Church has approached these issues throughout its lived history.</i>					
051	SOCIAL JUSTICE AND PEACE	Prerequisite: Old and New Testament, Reasons for the Faith A and B	0.50	11, 12	1	
	<i>Notes: Building a just society requires changing social structures that support injustice, as well as performing acts of service and giving. This course will examine issues of social justice including economic inequality, immigration, race, ecology, war and violence through the lens of Catholic Social Teaching. Creating civil discourse, understanding violence and non-violence from the perspective of world religions, and examining philosophies, that underlie modern American society will be included in this course.</i>					

### World Language

436	FRENCH I A CP	Prerequisite: None	0.50	09, 10, 11, 12	1	
	<i>Notes: Students will learn basic skills in listening, speaking and writing. Topics will include greetings, description of people, naming classroom objects, telling the time, knowing the calendar, discussing activities at school and after school, talking about families and living situations, ordering at a restaurant, shopping at markets, and traveling. Reading, writing and speaking French are required. Chapter tests are oral and written Homework: Three hours per week. (NCAA Course)</i>					
437	FRENCH I B CP	Prerequisite: 436 French I A CP	0.50	09, 10, 11, 12	1	
	<i>Notes: Students will continue developing basic skills in listening, speaking, and writing. Topics will include summer and winter sports and activities, shopping in department stores, exercise and physical fitness, the automobile and driving, popular French sports, health and medicine, cultural activities, the hotel, and the bank. Students will learn present and past tense verbs. Reading, writing and speaking French are required. Chapter tests are oral and written. Homework: Three hours per week. (NCAA Course)</i>					
438	FRENCH II A CP	Prerequisite: 436 French I A CP/437 French I B CP	0.50	09, 10, 11, 12	1	
	<i>Notes: Students will continue the development of the basic skills of listening, speaking, reading and writing. Emphasis is on developing active communication skills. In addition to continuing study of the present tense, students will learn the imperfect tense. Cultural topics of study will include the post office, correspondence, the telephone, transportation and hospitals. Real life situations, skits and a variety of activities are incorporated in the classroom to learn vocabulary and grammar. Occasional films and discussions will increase the students' awareness of the French cultural heritage. Reading, writing, and speaking French are required. Chapter tests are both oral and written. Homework: Three hours per week. (NCAA Course)</i>					
452	FRENCH II A H		0.50	09, 10, 11, 12	1	
	<i>Notes: This course is an intensified version of French II CP. Students will continue the development of the basic skills of listening, speaking, reading and writing. Emphasis is on developing active communication skills. In addition to continuing study of the present tense, students will learn the imperfect tense. Cultural topics of study will include the post office, correspondence, the telephone, transportation and hospitals. Real life situations, skits and a variety of activities are incorporated in the classroom to learn vocabulary and grammar. Occasional films and discussions will increase the students' awareness of the French cultural heritage. Reading, writing, and speaking French are required. Chapter tests are both oral and written. Homework: Three hours per week. (NCAA Course)</i>					



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Course ID	Course Name	Prerequisites	Credit	Grade Level	Length in Terms	Course Fee
439	FRENCH II B CP	Prerequisite: 438 French II A CP	0.50	09, 10, 11, 12	1	
	<p><i>Notes: Students will continue the development of the basic skills of listening, speaking, reading and writing. Emphasis is on developing active communication skills. Students will learn to communicate in the future and conditional tenses and the subjunctive mode. Topics of conversation will include travel, daily life, subway and buses, holidays and school. Real life situations, skits and a variety of activities are incorporated in the classroom to learn vocabulary and grammar. Occasional films and discussions will increase the students' awareness of the French cultural heritage. Reading, writing, and speaking French are required. Chapter tests are both oral and written. Homework: Three hours per week (NCAA Course)</i></p>					
453	FRENCH II B H		0.50	09, 10, 11, 12	1	
	<p><i>Notes: This course is an intensified version of French II CP. Students will continue the development of the basic skills of listening, speaking, reading and writing. Emphasis is on developing active communication skills. Students will learn to communicate in the future and conditional tenses and the subjunctive mode. Topics of conversation will include travel, daily life, subway and buses, holidays and school. Real life situations, skits and a variety of activities are incorporated in the classroom to learn vocabulary and grammar. Occasional films and discussions will increase the students' awareness of the French cultural heritage. Reading, writing, and speaking French are required. Chapter tests are both oral and written. Homework: Three hours per week (NCAA Course)</i></p>					
440	FRENCH III A CP	Prerequisite: 438 French II A CP/439 French II B CP	0.50	09, 10, 11, 12	1	
	<p><i>Notes: This is an elective class in which students continue to develop competence in communication skills (listening, speaking, writing, reading and culture) at a more advanced level. Essential grammar will be summarized and reviewed. Students will undertake a more thorough study of the subjunctive mode. Students will improve reading skills through short stories, literary excerpts, and contemporary plays. Students will develop situational conversations, perform skits and plays to improve their speaking ability. The students prepare several projects concerning a variety of French cultures. Occasional films and discussions will increase the student's awareness of contemporary French life. Emphasis is on using the target language as much as possible. Oral and written tests. Homework: Three hours per week. (NCAA Course)</i></p>					
442	FRENCH III A H	Prerequisite: 438 French II A CP/439 French II B CP, teacher recommendation	0.50	09, 10, 11, 12	1	
	<p><i>Notes: French III Honors A is an elective class in which students continue to develop competence in communication skills (listening, speaking, writing, reading and culture) at a more advanced and in depth level. Students will improve reading skills through short stories, literary excerpts, and contemporary plays. Students will develop situational conversations, perform skits and plays to improve their speaking ability. The students prepare several projects concerning a variety of French cultures. Occasional films and discussions will increase the students' awareness of contemporary French life. Essential grammar will be summarized and reviewed. Class is taught mainly in French. Emphasis is on using the target language as much as possible. The students also prepare research projects of French culture. Periodically tested orally and written. Homework: Three hours per week. (NCAA Course)</i></p>					
441	FRENCH III B CP	Prerequisite: 440 French III A CP	0.50	09, 10, 11, 12	1	
	<p><i>Notes: French III students continue to develop competence in communication skills (listening, speaking, writing, reading and culture) at a more advanced level. Students will learn the literary tense (passe simple), and the past conditional. Vocabulary topics include values, health and well being, and the arts and sciences. Students will improve reading skills through short stories, literary excerpts, and contemporary plays. Students will develop situational conversations, perform skits and plays to improve their speaking ability. The students prepare several projects concerning a variety of French cultures. Occasional films and discussions will increase the students' awareness of contemporary French life. Emphasis is on using the target language as much as possible. Periodically tested orally and written. Homework: Three hours per week. (NCAA Course)</i></p>					
443	FRENCH III B H	Prerequisite: 442 French III A H	0.50	09, 10, 11, 12	1	
	<p><i>Notes: French III Honors students continue to develop competence in communication skills (listening, speaking, writing, reading and culture) at a more advanced and in depth level. Students will improve reading skills through short stories, literary excerpts and contemporary plays. Students will develop situational conversations, perform skits and plays to improve their speaking ability. The students prepare several projects concerning a variety of French cultures. Occasional films and discussions will increase the students' awareness of contemporary French life. Class is taught mainly in French. Emphasis is on using the target language as much as possible. The students also prepare research projects of French culture. Periodically tested orally and written. Homework: Three hours per week. (NCAA Course)</i></p>					
444	FRENCH IV A H	Prerequisite: 442 French III A H/443 French III B H	0.50	10, 11, 12	1	

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Course ID	Course Name	Prerequisites	Credit	Grade Level	Length in Terms	Course Fee
	<p><i>Notes: Students will concentrate on solidifying their grammar skills to be put to use in reading, writing, as well as speaking activities. This course will introduce a variety of authentic sources in order to increase students' comprehension on aural, oral, reading, and written levels. Students will be expected to discuss in detail in French a variety of universal themes and conduct cross-cultural comparisons. Textbook: Thèmes (Vista). (NCAA course).</i></p>					
446	FRENCH IV AP	Prerequisite: 442 French III A H/443 French III B H, teacher recommendation	1.50	10, 11, 12	3	
	<p><i>Notes: Students will be able to internalize and react to what is heard, indicating to the speaker comprehension of the language and civilization through appropriate and complete responses. Students will comprehend the deeper meaning of what they are reading. This course is designed to enable the student to take the College Board Advanced Placement Test in French. Text used is AP French: A Guide for the Language Course. All students enrolled in 446 French IV AP will be required to take French Advanced Placement exam. Homework: Four hours per week. (NCAA Course)</i></p>					
445	FRENCH IV B H	Prerequisite: 444 French IV A H	0.50	10, 11, 12	1	
	<p><i>Notes: Students will concentrate on solidifying their grammar skills to be put to use in reading, writing, as well as speaking activities. This course will introduce a variety of authentic sources in order to increase students' comprehension on aural, oral, reading, and written levels. Students will be expected to discuss in detail in French a variety of universal themes and conduct cross-cultural comparisons. Textbook: Thèmes (Vista). (NCAA course).</i></p>					
470	LATIN I A CP	Prerequisite: None	0.50	09, 10, 11, 12	1	
	<p><i>Notes: This course is an introduction to both the Latin language and Classical Roman culture. Grammar studies will include, but not be limited to declensions, conjugations, agreement, and case use. Vocabulary studies will include, but not be limited to basic vocabulary and translations, reading adapted Latin text and common English words derived from Latin. Cultural studies will include overviews of Roman history, culture, geography and mythology. (NCAA course).</i></p>					
471	LATIN I B CP	Prerequisite: 470 Latin I A CP	0.50	09, 10, 11, 12	1	
	<p><i>Notes: This course is a continuation of 470 Latin I A CP. Grammar studies will include, but not be limited to declensions, conjugations, agreement, and case use. Vocabulary studies will include, but not be limited to basic vocabulary and translations, reading adapted Latin text and common English words derived from Latin. Cultural studies will include overviews of Roman history, culture, geography and mythology. All enrolled students will participate in the National Latin Exam in the Spring. (NCAA course).</i></p>					
474	LATIN II A CP	Prerequisite: 470 Latin I A and 471 Latin I B CP	0.50	09, 10, 11, 12	1	
	<p><i>Notes: This course is a continuation of Latin I. It is designed for students to improve their skills in reading classical Latin. At that intermediate level, students read adapted prose, analyze grammatical constructions, and refine their vocabulary skills. There will be continued emphasis on reading and translating in order to prepare for exposure to authentic classical authors such as Caesar and Cicero. Students will review and expand basic vocabulary of Latin words used by major Roman authors. Students will review learned grammar and will demonstrate proficiency in new syntactical constructions. Vocabulary studies will continue to showcase English words derived from Latin words. Cultural studies will include Ancient Roman entertainment, architectural contributions, Heroes and Legends. (NCAA course).</i></p>					
476	LATIN II A H	Prerequisite: A average in 470 Latin I A CP and 471 Latin I B CP, departmental approval and teacher recommendation	0.50	09, 10, 11, 12	1	
	<p><i>Notes: This course is a continuation of Latin I. It is designed for students to improve their skills in reading classical Latin. At that intermediate level, students read adapted prose, analyze grammatical constructions, and refine their vocabulary skills. There will be continued emphasis on reading and translating in order to prepare for exposure to authentic classical authors such as Caesar and Cicero. Students will review and expand basic vocabulary of Latin words used by major Roman authors. Students will review learned grammar and will demonstrate proficiency in new syntactical constructions. Vocabulary studies will continue to showcase English words derived from Latin words. Cultural studies will include Ancient Roman entertainment, architectural contributions, Heroes and Legends. (NCAA course).</i></p>					
475	LATIN II B CP	Prerequisite: 474 Latin II A CP	0.50	09, 10, 11, 12	1	

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Course ID	Course Name	Prerequisites	Credit	Grade Level	Length in Terms	Course Fee
	<p><i>Notes: This course is a continuation of 474 Latin II A CP. It is designed for students to improve their skills in reading classical Latin. At that intermediate level, students read adapted prose, analyze grammatical constructions, and refine their vocabulary skills. There will be continued emphasis on reading and translating in order to prepare for exposure to authentic classical authors such as Caesar and Cicero. Students will review and expand basic vocabulary of Latin words used by major Roman authors. Students will review learned grammar and will demonstrate proficiency in new syntactical constructions, especially working with the subjunctive mood. Vocabulary studies will continue to showcase English words derived from Latin words. Cultural studies will include Ancient Roman entertainment, architectural contributions, Heroes and Legends. All enrolled students will participate in the National Latin Exam in the Spring. (NCAA course).</i></p>					
477	LATIN II B H	Prerequisite: B average in 476 Latin II A	0.50	09, 10, 11, 12	1	
	<p><i>Notes: This course is a continuation of 476 Latin II A H. It is designed for students to improve their skills in reading classical Latin. At that intermediate level, students read adapted prose, analyze grammatical constructions, and refine their vocabulary skills. There will be continued emphasis on reading and translating in order to prepare for exposure to authentic classical authors such as Caesar and Cicero. Students will review and expand basic vocabulary of Latin words used by major Roman authors. Students will review learned grammar and will demonstrate proficiency in new syntactical constructions, especially working with the subjunctive mood. Vocabulary studies will continue to showcase English words derived from Latin words. Cultural studies will include Ancient Roman entertainment, architectural contributions, Heroes and Legends. All enrolled students will participate in the National Latin Exam in the Spring. (NCAA course).</i></p>					
480	LATIN III A CP	Prerequisite: : 474 Latin II A CP and 475 Latin II B CP, departmental approval and teacher recommendation	0.50	09, 10, 11, 12	1	
	<p><i>Notes: This is an elective course designed to bring students from an intermediate level to an advanced level of comprehending Latin. This course involves an accelerated and rigorous review of all Latin grammar and emphasizes reading adapted and un-adapted Latin prose. Students will refine reading Latin at sight and analyze grammar and texts to develop greater competency and proficiency. Students will research Ancient Roman mythology, history and literature. Students will read from Caesar, Cicero and Pliny, to name a few of the great ancient writers of natural history, memoirs, philosophy and law. (NCAA Course)</i></p>					
482	LATIN III A H	Prerequisite: A average in 474 Latin II A CP and 475 Latin II B CP or B average in 476 Latin II A H and 477 Latin II B H, departmental approval and teacher recommendation	0.50	09, 10, 11, 12	1	
	<p><i>Notes: This is an elective course designed to bring students from a high intermediate level to an advanced level of comprehending Latin. This course involves an accelerated and rigorous review of all Latin grammar and emphasizes reading adapted and un-adapted Latin prose. Students will refine reading Latin at sight and analyze grammar and texts to develop greater competency and proficiency. Students will research Ancient Roman mythology, history and literature. Students will read from Caesar, Cicero and Pliny, to name a few of the great ancient writers of natural history, memoirs, philosophy and law. (NCAA Course)</i></p>					
481	LATIN III B CP	Prerequisite: Latin III A CP, teacher recommendation	0.50	09, 10, 11, 12	1	
	<p><i>Notes: This course is a continuation of 480 Latin III A CP. Students will continue to broaden their literacy in Latin literature, analyzing ancient poetry. Students will learn metrical patterns and improve their fluency in oral expression. Students will discover the masterful language of Ovid and Vergil, Horace and Catullus. Students will also engage in textual analysis and employ their knowledge of Roman culture to interpret texts. All enrolled students will participate in the National Latin Exam in the Spring. (NCAA course).</i></p>					
483	LATIN III B H	Prerequisite: B average in 482 Latin III A H, teacher recommendation	0.50	09, 10, 11, 12	1	
	<p><i>Notes: This course is a continuation of 482 Latin III A H. Students will continue to broaden their literacy in Latin literature, analyzing ancient poetry. Students will learn metrical patterns and improve their fluency in oral expression. Students will discover the masterful language of Ovid and Vergil, Horace and Catullus. Students will also engage in textual analysis and employ their knowledge of Roman culture to interpret texts. All enrolled students will participate in the National Latin Exam in the Spring. (NCAA course).</i></p>					
486	LATIN IV A H	Prerequisites: B average in 480 Latin III A CP, 481 Latin III B CP or B average in 482 Latin III A H, 483 Latin III A H, teacher recommendation.	0.50	10, 11, 12	1	

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Course ID	Course Name	Prerequisites	Credit	Grade Level	Length in Terms	Course Fee
	<p><i>Notes: This is an elective course designed to expose students to Latin prose and poetry. This course involves an accelerated and rigorous review of all Latin grammar and emphasizes reading un-adapted Latin prose and poetry. Students will refine reading Latin at sight and analyze grammar and texts to develop greater competency and proficiency. Students will master figures of speech, critical analysis of texts and essay-writing on literary issues. Students will read large portions of Vergil's Aeneid and Caesar's Gallic War in Latin and English, as well as other Latin authors of prose and poetry, such as Livy, Pliny, Ovid, Martial and Catullus. (NCAA course).</i></p>					
491	LATIN IV AP	Prerequisite: B average in Latin III A CP, Latin III B CP or B average in Latin III A H, Latin III B H, teacher recommendation.	1.50	10, 11, 12	3	\$40.00 (books and materials)
	<p><i>Notes: This is an elective course designed to expose students to Vergil's Aeneid and Caesar's De Bello Gallico. This course involves an accelerated and rigorous review of all Latin grammar and emphasizes reading un-adapted Latin prose and poetry. Students will refine reading Latin at sight and analyze grammar and texts to develop greater competency and proficiency. Students will read large portions of Vergil's Aeneid and Caesar's Gallic War in Latin and English. Students will also do sight reading of other Latin authors, such as Livy, Pliny, Ovid, Martial and Catullus. The course is rigorous and the demands are those students can anticipate in upper-division level college courses. All students must maintain a 70% average to maintain eligibility for this AP course. This is a year long course and students will participate in both the National Latin Exam and the AP exam in the Spring. (NCAA course).</i></p>					
487	LATIN IV B H	Prerequisite: B Average in Latin IV A H, teacher recommendation.	0.50	10, 11, 12	1	
	<p><i>Notes: This course is a continuation of 486 Latin IV A H. Students will continue to broaden their literacy in Latin literature. Students will refine reading Latin at sight and analyze grammar and texts to develop greater competency and proficiency. Students will also engage in textual analysis and employ their knowledge of Roman culture to interpret texts. Students will read large portions of Vergil's Aeneid and Caesar's Gallic War in Latin and English, as well as other Latin authors of prose and poetry, such as Livy, Pliny, Ovid, Martial and Catullus. All enrolled students will participate in the National Latin Exam in the Spring. (NCAA course).</i></p>					
411	SPANISH I A CP	Prerequisite: None	0.50	09, 10, 11, 12	1	
	<p><i>Notes: This course is designed for beginning students in Spanish. Its main objective is to enable students to develop a measurable degree of proficiency in the four basic language skills: listening, speaking, reading and writing. The focus of the course is on communication rather than simply on grammatical knowledge. The basic structures of Spanish are presented as tools for communication and are practiced in a wide variety of situational activities. At the same time, the course aims to increase the students' knowledge and appreciation of the diverse cultures of the countries whose language they are studying. Reading, speaking, writing and projects required. Homework: Three hours per week. (NCAA Course)</i></p>					
407	SPANISH I A H	Prerequisite: Approval by department after taking Spanish placement test results	0.50	09, 10, 11, 12	1	
	<p><i>Notes: This course is an intensified version of Spanish I A CP. Concepts will be covered more quickly and with more depth. This course's main objective is to enable students to develop a measurable degree of proficiency in the four basic language skills: listening, speaking, reading and writing. The focus of the course is on communication rather than simply on grammatical knowledge. The basic structures of Spanish are presented as tools for communication and are practiced in a wide variety of situational activities. At the same time, the course aims to increase the students' knowledge and appreciation of the diverse cultures of the countries whose language they are studying. Reading, speaking, writing and projects required. Homework: Three hours per week. (NCAA Course)</i></p>					
412	SPANISH I B CP	Prerequisite: 411 Spanish I A CP	0.50	09, 10, 11, 12	1	
	<p><i>Notes: This course is designed for students continuing in Spanish. Its main objective is to enable students to continue building communicative competency, building on skills acquired in 411 Spanish I A CP. The students will be introduced to more complex grammatical forms including the past tense, followed by a variety of activities that promote increased proficiency in many new situations. Again, culture will be interwoven with language learning. Reading, speaking, writing and projects required. Homework: Three hours per week. (NCAA Course)</i></p>					
408	SPANISH I B H	Prerequisite: 411 Spanish I	0.50	09, 10, 11, 12	1	
	<p><i>Notes: This course is designed for students continuing in Spanish. It is an intensified version of Spanish I B CP. Concepts will be covered more quickly and with more depth. Its main objective is to enable students to continue building communicative competency, building on skills acquired in 411 Spanish I A H. The students will be introduced to more complex grammatical forms including the past tense, followed by a variety of activities that promote increased proficiency in many new situations. Again, culture will be interwoven with language learning. Reading, speaking, writing and projects required. Homework: Three hours per week. (NCAA Course)</i></p>					
413	SPANISH II A CP	Prerequisite: 411 Spanish I A CP/412 Spanish I B CP	0.50	09, 10, 11, 12	1	

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Course ID	Course Name	Prerequisites	Credit	Grade Level	Length in Terms	Course Fee
	<p><i>Notes: This course is a continuation of the verb tenses and vocabulary of 411/412 Spanish I A/B CP. The focus of this course will be on verbal communication. The student will be presented with simple verb tenses to allow them to speak in the past and present. Their conversational skills will be applied to situations with computer technology, vacations, health, the home, shopping, and amusement parks. The topics of culture include the environment, the Hispanic speaking world, the United States, Mexico, and El Salvador. Written essays and individual oral projects will enhance their skills with the language. Homework: Three hours per week. (NCAA Course)</i></p>					
409	SPANISH II A H	Prerequisite: 411 Spanish I A CP/412 Spanish I B CP, department approval	0.50	09, 10, 11, 12	1	
	<p><i>Notes: This course is an intensified version of Spanish II CP. Materials will be covered more quickly and with more depth. The course is designed to develop proficiency in a meaningful and functional manner, and will reinforce the skills learned in Spanish I and will expand the students' ability to comprehend, speak, write, and read Spanish. The class will concentrate on conversation, reading, and writing, with an emphasis on decreasing dependence on English by limiting the use of English in class. The successful student will, by the end of the course, be able to demonstrate a spontaneous use of the Spanish language. Homework: three to four hours per week. (NCAA Course)</i></p>					
414	SPANISH II B CP	Prerequisite: 413 Spanish II A CP	0.50	09, 10, 11, 12	1	
	<p><i>Notes: The focus of this course will be on verbal communication. The student will be presented simple and compound past, present and future verb tenses in the indicative mood. They will also study the present and imperfect tenses in the subjunctive mood. Their conversational skills will be applied to situations in the supermarket, the home, news, airport, and the work force. The topics of culture include the continuation of the study of the Spanish countries including Uruguay, Bolivia, Spain, Cuba, and Puerto Rico. Written essays and individual oral projects will enhance their skills with the language. Homework: Three hours per week. (NCAA Course)</i></p>					
410	SPANISH II B H	Prerequisite: 409 Spanish II A H	0.50	09, 10, 11, 12	1	
	<p><i>Notes: This course is a continuation of 409 Spanish II A H. The focus of this course will be on verbal communication. The student will be presented simple and compound past, present and future verb tenses in the indicative mood. They will also study the present and imperfect tenses in the subjunctive mood. Their conversational skills will be applied to situations in the supermarket, the home, news, airport, and the work force. The topics of culture include the continuation of the study of the Spanish countries including Uruguay, Bolivia, Spain, Cuba, and Puerto Rico. Written essays and individual oral projects will enhance their skills with the language. Homework: Three hours per week. (NCAA Course)</i></p>					
415	SPANISH III A CP	Prerequisites: 413 Spanish II A CP/414 Spanish II B CP	0.50	09, 10, 11, 12	1	
	<p><i>Notes: This is an elective course designed to bring students from the novice level to the intermediate level in the four language skills. Grammar and structures learned in 1st and 2nd year are reviewed and broadened with emphasis on the preterit, the imperfect and the present subjunctive. Opportunities are provided for the student to communicate in a wide variety of situations. Students are introduced to samples of the great literatures of the Spanish-speaking world. Reading, speaking, writing and projects required. Homework: Three hours per week. (NCAA Course)</i></p>					
417	SPANISH III A H	Prerequisite: 409 Spanish II A H/410 Spanish II B H, department approval	0.50	09, 10, 11, 12	1	
	<p><i>Notes: The main objective is to enable students to develop greater competency and proficiency in the target language. Students, by means of keeping journals and doing projects, will be able to express themselves in Spanish with greater ease. Multiple selections by the following authors will read: Jose Marti, Juan Rulfo, Miguel de Cervantes Saavedra, and Julia de Burgos y Jorge Luis Burgos. Grammar reviewed will be commands, the preterite, imperfect, future and subjunctive tenses, por vs. para, ser vs. estar, pronouns, prepositions, and verbs such as gustar. Students will be evaluated on listening comprehension, oral participation, reading comprehension, and grammatical accuracy in both speaking and writing. Homework: Two to four hours per week. (NCAA Course)</i></p>					
416	SPANISH III B CP	Prerequisite: 415 Spanish III A CP	0.50	09, 10, 11, 12	1	
	<p><i>Notes: This elective course is a continuation of 415 Spanish III A CP. It provides more opportunities for the student to engage in meaningful conversation while deepening his/her knowledge of grammar. Emphasis is on the remaining subjunctive tenses and the passive voice. Reading features a variety of historical periods and genre and provides a springboard for more oral communication. The writing portion of the course focuses on composition that incorporates the grammar and vocabulary presented in the corresponding chapter. Reading, writing and projects required. Homework: Three hours per week. (NCAA Course)</i></p>					
418	SPANISH III B H	Prerequisite: 417 Spanish III A H	0.50	09, 10, 11, 12	1	

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Course ID	Course Name	Prerequisites	Credit	Grade Level	Length in Terms	Course Fee
	<i>Notes: Students will continue to enhance their proficiency skills through the study of vocabulary, grammar, oral presentations, and projects. Journals will reflect an awareness of current events in the Hispanic world as well as personal reflections. Reading selections this trimester include the following authors: Jorge Luis Borges, Jose Maria de Heredia, Nefali Ricardo Reyes Basoalto, Gabriel Garcia Marquez, Sergio Vodanovic, and Mariano Jose de Larra. Evaluation is based on student's oral participation, reading comprehension level and grammatical accuracy in writing. Homework: Two to four hours per week. (NCAA Course)</i>					
427	SPANISH IV A CP	Prerequisite: 415 Spanish III A CP/416 Spanish III B CP, teacher recommendation	0.50	10, 11, 12	1	
	<i>Notes: This course begins by introducing the students to the artists and authors of the Spanish-speaking world. This is an anthology from Colonial period to the present. The course takes into account that the students must be provided with the necessary background information in order to study, analyze and evaluate the paintings and literary works. Some of the featured artists are El Greco, Picasso, and Kahlo. In addition to the arts, the readings represent both traditional and modern authors. Included in these readings are selections representing the endeavors and challenges the Spanish and Latin American people have faced. The students' progress in the development of the four language skills continues while deepening insight into the culture of Spain and Latin America</i>					
419	SPANISH IV A H	Prerequisite: 417 Spanish III A H/418 Spanish III B H, department approval	0.50	10, 11, 12	1	
	<i>Notes: This course is an Honors Level Spanish IV. The object of this course is to teach students to utilize word comprehension strategies as a means of improving their reading and speaking skills and by means of selected samples of Hispanic literature, to react to universal themes and to be able to discuss them orally in the target language. Principles of grammar will be reinforced as needed. Instruction will be in Spanish. Evaluation is based on the student's oral participation and grammatical accuracy in formal writing and speaking. Reading, writing and projects required. Homework: Two to four hours per week. (NCAA Course)</i>					
421	SPANISH IV AP	Prerequisite: 417 Spanish III A H/418 Spanish III B H, department approval	1.50	10, 11, 12	3	
	<i>Notes: This is a full-year course in which students will receive AP credit and will be expected to take the AP Spanish Language Examination. The object of this course is to prepare the student to take the exam by providing exercises in reading, writing, listening and speaking. Evaluation is based on the student's oral participation, auditory comprehension and grammatical accuracy in formal writing and speaking. Practice tests will be given throughout the year to increase test-taking skills. Homework: two to four hours per week. (NCAA Course)</i>					
428	SPANISH IV B CP	Prerequisite: Spanish IV A CP, teacher recommendation	0.50	10, 11, 12	1	
	<i>Notes: This course is designed to maintain the students' insight into the culture of Spain and Latin America. The students continue to develop competence in the four language skills. Through the readings and paintings presented in this trimester, the students are challenged to increase their ability to read with understanding and gain greater vocabulary from numerous authors and painters and genres offered while acquiring stronger foundation of the grammar structure in context and increase their oral skills for class discussions and literary analysis. Homework: three hours per week. (NCAA Course)</i>					
420	SPANISH IV B H	Prerequisite: 419 Spanish IV A H	0.50	10, 11, 12	1	
	<i>Notes: Using competencies developed in 419 Spanish IV A H, students will be able to continue with literary selections as well as selections from current periodicals in Spanish. In addition to keeping written journals, students will regularly prepare audio tapes in Spanish and engage in classroom discussions. Instruction will be in Spanish. Evaluation is based on the student's oral participation and grammatical accuracy in formal writing and speaking. Reading, writing and projects required. Homework: Two to four hours per week. (NCAA Course)</i>					