

Mater Dei Prep



Course Offerings

2012-2013

MATER DEI PREP

Course Offerings

General Information

Your high school years will be as valuable as you make them. Look through this Course Offerings Guide and study the courses that are available to you at Mater Dei Prep.

You are urged to choose your program of studies for next year carefully and, while you do so, to keep in mind the following guidelines:

1. It is important for you to make firm decisions about courses you wish to take.
2. With the help of parents, counselors, and teachers, you will choose courses which will be most helpful in preparing for the goals you wish to attain upon graduation.
3. Placement is based on prerequisites and sequencing as outlined throughout the Course Offering Guide.
4. Scheduling conflicts can occur. Be certain, therefore, that your ALTERNATE CHOICES are REALISTIC and are what you would like to have even as a second choice.
5. Having chosen your courses for next year, you are not expected to request a change of schedule without a serious reason. Changes are made for sound educational purposes only. All course change requests must be made by the end of the first week of school.
6. **All schedule changes must be made no later than Friday, April 20, 2012. Schedule changes for the Class of 2016 must be made by Friday, June 15, 2012.**

Requirements for Graduation

1. 4 Years of Religion including 90 hours of Christian Service
4 Years of English
2 Years of U.S. History
1 Year of World History or Western Civilization
3 Years of Science including Biology
3 Years of Mathematics
2 Years of the same World Language
1 Year of Fine, Visual/Performing, and/or Practical Arts
1 Year of Physical Education / Dance / Strength & Conditioning
1 Year of Health / Driver Theory
2. A minimum of 120 credits.
3. **Seniors must successfully complete all courses in order to graduate with their class.**
Any senior who has not met all the requirements for graduation may not participate in the ceremony.
4. All students will have the opportunity to earn college credits.



A failure in any subject must be made up in summer school or by a tutor certified in the subject failed before a student will be permitted to return to Mater Dei Prep. If a student should transfer to a public school, the tutored course may not be accepted for credit. If the course is not being offered in any area summer school, or special circumstances warrant, the administration may waive this rule.

A student must have earned:

- 30 Credits to be considered a Sophomore
- 60 Credits to be considered a Junior
- 90 Credits to be considered a Senior

Requirements for College Admission:

Most colleges require a minimum of sixteen units of college preparatory subjects including three units of college prep math and two units of laboratory science. A minimum of sixteen subject units must be completed according to the following breakdown:

English - 4	Electives -5
Mathematics - 3	(in English, Science,
Science - 3	Social Studies, Math, or
Social Studies - 3	World Language)

Grade Equivalents:

97	-	100	=	A+	75	-	79	=	C
93	-	96	=	A	73	-	74	=	D+
89	-	92	=	B+	70	-	72	=	D
85	-	88	=	B	0	-	69	=	F
80	-	84	=	C+					

Courses and Quality Points:

353 - 454 Level

A+ = 12 A = 11 B+ = 10 B = 9 C+ = 8 C = 7.5 D+ = 7 D = 6.5 F = 0

252 - 303 Level

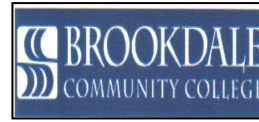
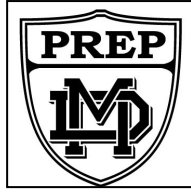
A+ = 10 A = 9 B+ = 8 B = 7 C+ = 6 C = 5.5 D+ = 5 D = 4.5 F = 0

151 - 202 Level

A+ = 8 A = 7 B+ = 6 B = 5 C+ = 4 C = 3.5 D+ = 3 D = 2.5 F = 0

099 - 101 Level

A+ = 6 A = 5 B+ = 4 B = 3 C+ = 2 C = 1.5 D+ = 1 D = .5 F = 0



DUAL ENROLLMENT PROGRAM

The Dual Enrollment Program at Brookdale Community College allows qualified Mater Dei Prep juniors and seniors to enroll in college courses and simultaneously earn credit toward a high school diploma and a postsecondary degree. The goal of the Dual Enrollment Program is to give qualified high school students the opportunity to experience college courses and prepare for the academic rigor of college. The applicants must be recommended and approved by their high school Student Services Counselor and have the consent of a parent/legal guardian. Applicants must meet minimum proficiency requirements on the Accuplacer or SAT's. To remain in the program, the student must maintain a minimum GPA of 2.0 at Brookdale Community College.

Applicants are required to submit a student privacy waiver in order for academic and conduct information to be shared between Brookdale Community College and Mater Dei Prep. Applicants are allowed to enroll in no more than two Brookdale courses during any term. Enrollment is subject to the guidelines of the Brookdale Community College prerequisite and co-requisite system. Applicants may not enroll in selective admission programs, basic skills, or support courses.

Qualified Mater Dei juniors and seniors may be released from Mater Dei Prep for half a day to take college-level courses at Brookdale Community College in the Dual Enrollment Release Program. This is contingent upon the student's schedule and fulfillment of Mater Dei Prep graduation requirements. Students may take courses after school or in the evening.

This program was developed and implemented in the fall of 2004 in response to the 12th Grade Option initiated by the New Jersey Department of Education. Mater Dei Prep has participated in the Dual Enrollment Program since the fall of 2009.

Students participating in the Dual Enrollment Release Program are responsible for all costs associated with attending Brookdale Community College including tuition, books, fees, course materials, and transportation. Mater Dei students who provide the Mater Dei Prep Student Services Office with proof of successful completion of the course and earn a grade of "B" or better will be reimbursed 75% per credit. Students taking a course at Brookdale Community College after school or in the evening may opt for a semester study. Brookdale Community College courses will be listed on the Mater Dei Prep transcript as enrichment. Students will receive official college credit from Brookdale Community College.

Through the continuing partnership with Brookdale Community College and Mater Dei Prep, Brookdale will offer the following on the Mater Dei Prep Campus. ENGL 121 English Composition: The Writing Process, ENGL 155 The Short Story, ENGL 158 Introduction to Literature, HIST 136 American Civilization II and HIST 137 Recent American History. Students enrolled in these courses will earn Mater Dei Prep credit and Brookdale Community College credit. These courses will be offered at Mater Dei Prep as part of the regular school day. These courses will be taught by Brookdale Community College instructors. Mater Dei Prep will pay the Brookdale Community College tuition for students enrolled in ENG 121, ENGL 155, ENGL 158, HIST 136 and HIST 137. Course materials, including textbooks are the responsibility of the student. Credit earned for Brookdale Community College courses can be used at Brookdale Community College or transferred to a four year college or university.



SETON HALL UNIVERSITY **PROJECT ACCELERATION**

Project Acceleration is a university-based program that enables students to begin working toward their bachelor's degree as they complete their high school coursework. Sponsored by Seton Hall University since 1978, it is offered in more than 40 New Jersey and New York high schools. Participants of Project Acceleration that introductory-level college courses and earn up to 22 credits that will go on their official college and high school transcript. More than 200 colleges and universities accept Project Acceleration credits.

Project Acceleration courses are open to high school students in good academic standing who are capable of successfully completing Advanced Placement (AP) or Honors coursework. Once registered, students must earn a grade of "C" or better in their Project Acceleration courses in order to receive Seton Hall University credit and to continue in the program.

Academic credits earned by Project Acceleration students are held in escrow by Seton Hall University until a high school diploma is granted. After graduation students must request that a transcript be sent to the college or university of their choice. Different schools have different policies for accepting transfer credits; most require a grade of "C" or better. For a complete list of colleges and universities accepting Seton Hall University credit visit; <http://www.shu.edu/offices/upload/Credit-Acceptance-Reference-List.pdf>.

Tuition for Project Acceleration is approximately \$37.50 per credit for Mater Dei Prep students. The cost of a 3 credit course is approximately \$112.50 and the cost of a 4 credit course is approximately \$150.00. Tuition at four year institutions in New Jersey ranges from \$300.00 - \$1000.00 per credit. For the 2011-2012 academic year, Seton Hall University tuition is \$651.00 per credit hour. Participation in Project Acceleration allows students to earn college credit at a significantly reduced rate.

At the end of the academic year, Seton Hall University will send an unofficial transcript to each student participating in Project Acceleration. This document will be useful when student attend summer orientation at college and begin to schedule classes. Students must request that an official transcript be sent to their college of choice in order to receive transfer credit.

Presently the following courses are offered at Mater Dei Prep on the Mater Dei campus; English 1 454, Great Books II 454, Religions of the World 454, Physics 454 and Chemistry 454.

RELIGION

0912 CHRISTIAN SERVICE - This ninety hour graduation requirement is designed to provide an opportunity for students to respond to the Gospel message through community action selected by the student under the supervision of the Christian service supervisor.

0911 CATHOLIC CHRISTIANITY 101 - This introductory course provides an integral survey of basic doctrinal beliefs while assisting students who come from diverse religious backgrounds. Adolescent development, communal worship and the moral principles of the Roman Catholic Church are explored. This course allows all students to begin their religious studies program with the same basic formation.

0921 CHRISTIAN MORALITY 202 - This course helps students achieve a greater awareness and understanding of the decision making process and the formation of an individual's conscience. This course will explore the contemporary issues that are relevant to young people today.

0941 CATHOLIC SOCIAL TEACHING 303 - This course strives to prepare students to fully participate in the social structure of our modern world in a way that seeks to create justice for all. Students will discuss the religious implications of various social issues. The first half will focus on the history of Catholic Social Teaching. The second half of this course will focus on applying these historical beliefs to contemporary issues in our society.

0913 CHURCH HISTORY 303 – This course will explore the theological developments of the church from the New Testament period to the contemporary era.

0932 RELIGIONS OF THE WORLD 303 - This course will explore the religious experiences and expressions of ancient and primitive people with a special focus on the development of religion. The students will study the major religions of the world including: Hinduism, Buddhism and Islam. Emphasis will be placed on how other religious beliefs compare to Christianity. This course will give particular attention to the exploration of religious communities and how the individual understands the divine, the human experience, and the world.

0946 SCRIPTURE 303 - This course offers a comprehensive examination of the scriptures and their relation to the Catholic Church.

0942 THANATOLOGY 303 - This course is based on the concept that a greater understanding of death leads to a deeper appreciation of life. It focuses on the Christian concept of death and contemporary questions surrounding death. The first half of this course will explore historical concepts of death and dying. The second half will present students with healthy and productive ways for dealing with suffering and pain.

0914 MARIOLOGY 404 - This course will provide the student with the opportunity to study Mary, Our Spiritual Mother, through learning about Marian doctrine and devotion. The course will further explore Mary's influence in the Roman Catholic Church based on tradition and scripture.

0909 THANATOLOGY 404 - Prerequisite: Thanatology 303. This course provides a background on historical and contemporary perspectives on suffering and death. Attention is given to current American practices regarding death, as well as cross-cultural interpretation. Students will examine religious traditions and customs regarding death and afterlife. PowerPoint presentations, videos, and classroom discussion will guide the student through the development of our understanding of mortality, afterlife, burial customs, bereavement and the nature of Christian hope.

0908 THEOLOGY OF THE BODY 404 - This course is based on The Theology of the Body, Pope John Paul II's integrated vision of the human person-body, soul and spirit. As the Pope explains, the physical human body has a specific meaning and is capable of revealing answers regarding fundamental questions about us.

RELIGION (continued)

SETON HALL UNIVERSITY ON CAMPUS COURSE

0933 WORLD RELIGION 454 - This course will explore the religious experiences and expressions of ancient and primitive people with a special focus on the development of religion. The students will study the major religions of the world including: Hinduism, Buddhism and Islam. Emphasis will be placed on how other religious beliefs compare to Christianity. This course will give particular attention to the exploration of religious communities and how the individual understands the divine, the human experience, and the world. This course includes weekly readings, reaction papers, blogging and a project to be completed by the end of the semester.

ART

0132 APPLIED ARTS 101 - This course introduces students to the techniques and materials used in a variety of crafts. Emphasis is placed on skill development and procedure. Projects may include printmaking, screen printing, basketry and textiles.

0141 ART AND INTERACTION 101 - This course provides background, context and practical experience in the combined use of art and social interaction. Study emphasizes the value of art education and art therapy. Course includes projects in drawing, design, sculpture and crafts for group field work.

0144 ART APPRECIATION 101 - This course is designed to introduce students to art criticism, history and aesthetics through the study of influential historical and contemporary artists.

0142 ART FUNDAMENTALS 101 - This course will provide a general introduction to the fine arts. Students will learn the fundamentals of drawing, mixed media and art history through the Middle Ages. Students will work in a variety of media and techniques.



0416 DANCE APPRECIATION 101 - This course will provide an introduction to aspects dance as cultural, spiritual and aesthetic expression, exploring origins of religious, courtly, social and theatrical dance and the related roles of the dancer, choreographer and spectator. Historical and critical readings, illustrated lectures by the instructor, attendance or required performances and other dance activities with subsequent discussion will acquaint the student with masterpieces of dance theater art and develop the student's responsiveness to dance.

0145 FLORAL DESIGN 101 - Learn to design floral arrangements for all occasions. This course is designed to provide basic introduction in the techniques of floral arranging. Examine the basic principles of artistic floral design that include color coordination and design construction techniques such as : line, form and balance.

0131 PAINTING 101 - This course is designed to introduce students to the various types of painting media including acrylic, oil and watercolor.

0135 PHOTOGRAPHY 101 - This course will help students learn to express themselves within the medium of photography. They will learn the basic elements and design principles that are essential for creating a successful visual image. Specifically, students will work with composition, space, balance, line and value.

0138 PRINTMAKING 101 - This course will introduce students to various printmaking media and techniques including intaglio, wood block printing, linoleum block printing, mono-printing and screen-printing. Students will learn about the history of printing, as well as create a portfolio.

0133 SCULPTURE 101 - This course is designed to introduce students to the basic fundamentals of sculpture utilizing clay and plaster media, sculpture in the round, one and two part plaster molds and latex molds.

0143 ART FUNDAMENTALS 202 - Prerequisite: Art Fundamentals 101. This course expands on the materials and techniques learned in Art Fundamentals 101 and continue the art history component from the Renaissance to the present.

COMPUTER SCIENCE

0137 GRAPHIC DESIGN 202 - This course provides students with an in-depth knowledge of standard graphic applications such as Adobe Photoshop, Illustrator and InDesign for professional desktop publishing training.

0130 PAINTING 202 - Prerequisite: Painting 101. This course expands upon materials and techniques learned in Painting 101 and further develop painting skills in oils.

0354 PC APPLICATIONS 101 - Required for all Freshmen. This course offers fundamental application instruction for Microsoft Office applications. These include: Microsoft Word, Microsoft PowerPoint, Microsoft Excel and Internet applications. This project-based course will provide a strong foundation in these software applications for anyone interested in utilizing them for education or professional use.

0331 COMPUTER PROGRAMMING 101 - This course teaches students to design and write programs using the BASIC language. Emphasis is placed on problem solving, communication skills and programming language. Topics covered will include arithmetic operations, character and string manipulation, looping and branching, functions, programming style and menu programming.

0332 COMPUTER PROGRAMMING 202 - Prerequisite: Computer Programming 101. This course will teach students to write more complex programs using the skills acquired in Computer Programming 101. Emphasis will be on databases, matrices, basic graphical user interfaces, programming graphics, sound and animation.

0345 VIDEO GAME DESIGN AND PROGRAMMING 303 - Prerequisite: Computer Programming 202. This course will teach students to design and program multi-level video games using BASIC Language utilizing the Program Development Cycle. The course will concentrate on designing video games using programming engines for character design, level design, concept engineering, 2D and 3D games. Students will develop concepts, dimensions, animation, texture and sound engineering. Emphasis is placed on the development cycle of system engineering, game development, system testing, regression testing and game production.

0352 ADVANCED COMPUTER PROGRAMMING 303 - Prerequisite: Computer Programming 202. This course will introduce students to programming using the C++ Language. Students will learn all mathematical operations, character and string manipulation, all types of looping, functions and programming style.

0353 GRAPHICAL USER INTERFACES AND GAME SIMULATION 303 - Prerequisite: Computer Programming 202. This course concentrates on programming GUIs (Graphical User Interfaces). Students will write programs that will give the user menu type choices. Students will program Multi-level GUIs for the first half of the course. The second half of this course will use GUI technology to simulate games. Students will program games using GUIs and multiple functions (including the random number function). This course can also be utilized for constructing gaming simulations and GUIs on Internet sites.

ENGLISH

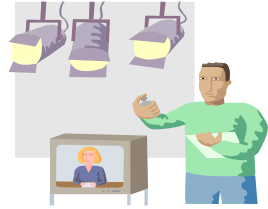
0410 FUNDAMENTALS OF WRITING 099 (Summer Enrichment) - Prerequisite: Student Decision. This course will provide students with an overview of the fundamentals for effective college prep writing. The emphasis will be on utilizing the writing process to develop clear, well-organized, and mechanically acceptable five paragraph essays.

0415 SAT PREP 101 - CRITICAL READING AND WRITING (Required for all juniors) This course covers the knowledge and strategies needed for sentence completion questions and those based on reading passages. Strategies for reading quickly and efficiently are emphasized and exercises are provided to build vocabulary. Students receive instruction on planning and executing essays within the short time allotted on the test. A comprehensive grammar review is included and strategies for answering grammar questions are also covered.

0416 LITERATURE GENRE 101 - This genre course will include the short story, non-fiction, the novel, mythology, drama, self-expression and poetry. Students will focus on language and reading skills. This course will introduce students to the process and writing of a research paper.

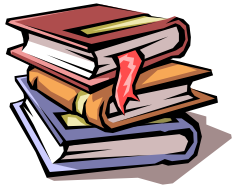
ENGLISH (continued)

0449 MEDIA ARTS PRODUCTION 101 - This course develops and refines the skills necessary to produce a news-based TV show and promotional videos. These skills include interviewing, presentation, video-taping, editing, creating story boards, writing copy, public speaking, feature spotlighting and news reporting. Students will produce, direct, anchor and edit MDTV News. Students must commit to time beyond regular school hours for taping/editing. Students will learn to edit on the iMac with iMovie '11.



0430 YEARBOOK 101 - This course teaches students the process of creating a yearbook including page layout, copywriting and photography. Students will use InDesign to create spreads for publication. Students will focus on creating pages for the current year's book as well as in planning and designing for the following year.

0444 TV PRODUCTION 202 - This course takes a more in-depth look into video production. This is a class for students who have taken MDTV news before, or for those who feel up to the challenge of an advanced class. Students will learn about the history of television. They will learn the process of producing and directing a video or television show from: creating a concept, budgeting, writing a script, creating a story board, proper use of the equipment and editing on the iMac with iMovie '11.



0417 LITERATURE GENRE 202 - Prerequisite: By Placement or Literature Genre 101. This genre course will include the short story, non-fiction, the novel, mythology, drama, self-expression and poetry. Student will focus on language skills and will discuss literary devices. Students will write more involved expository and research-based essays as well as further develop their critical thinking skills. Vocabulary studies are centered on PSAT/SAT study skills. A research paper is required.

0425 AMERICAN LITERATURE 202 - Prerequisite Literature Genre 101 or Literature Genre 202. This course is a comprehensive chronological study of American Literature. Writing skills will emphasize the development of a theme from a single paragraph to various types of essays and reports. Students will also learn the essentials of composing a research paper (required). Vocabulary studies are centered on PSAT/SAT study skills.

0454 FILM ANALYSIS 202 - Prerequisite: Completion of or concurrent English 101. This film course is taught with a literary emphasis. Students will analyze various components of film such as characterization, theme, and ideology against a backdrop of the literary movements of the time. Classroom discussion, written analysis, quizzes, tests and other types of assessment will be implemented in determining student performance.

0463 JOURNALISM 202 - Prerequisite: Completion of or concurrent English 101. This course is designed for students who are interested in journalism. Students will have the opportunity to write and publish articles. Students will read, review and evaluate student and professional publications as they learn the basics of journalistic writing.

0466 MYTHOLOGY 202 - Prerequisite: Completion of or concurrent English 101. This course will introduce students to the historical and religions background of Greek Mythology. Students will learn how the gods and goddesses are represented in history and other genres, namely Shakespeare and Disney. Through reading, lectures and film, students will gain an understanding of Greek Mythology and its cross-curricular relevance.

0431 BRITISH LITERATURE 303 - Prerequisite: English 202. This course is a chronological study of British Literature. Writing skills, the APA writing format and the development of thematic essays based on literary analysis will be emphasized. Vocabulary studies are centered on PSAT/SAT study skills. A research paper is required.

0441 WORLD LITERATURE 303 - Prerequisite: English 202. This course is devoted to the study of World Literature in all of its forms: poetry, mythology, plays, novels, short stories and essays. This course will focus on comparative cultures and their distinctive qualities. Critical thinking will be fostered through class discussion and essay writing. Required essays will develop the students' overall writing ability. Vocabulary studies are centered on PSAT/SAT study skills. A research paper is required.

ENGLISH (continued)

0467 CHRISTIAN AND RELIGIOUS LITERATURE 303 - Prerequisite: Completion of or concurrent English 202. This course will examine texts relating to the major religions that dominate the culture of the modern world, with a spotlight on Catholic Social Teachings. The primary focus will be on literature pertaining to Christianity. During the second half literature from various other religions, such as Buddhism Taoism, Islam, and Judaism will be examined. Different literature types include, but are not limited to: essays, novels, short stories, and poetry.

0443 ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION 454 - Prerequisites: Completion of English 303 with a grade equivalent of B. This AP course in English language and composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purpose, audience expectations and subjects, as well as the way the genre conventions and the resource of language contribute to the effectiveness of writing. Participation in seminar to prepare for mandatory AP exam and testing fee (approximately \$85.) is required.

0440 ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION 454 - Prerequisites: "A" average in British Literature 303 or "B" average in in British Literature 354. English 454 with a minimum grade of C. This course, for highly motivated students, involves the comprehensive reading and study of selected works of classical and contemporary literature. Students will learn the various approaches to analyzing literature and the terms needed to explicate their observations. Students will write critical and interpretive papers. Participation in seminar to prepare for mandatory AP exam and testing fee (approximately \$85.) is required.

BROOKDALE COMMUNITY COLLEGE ON CAMPUS COURSES

99998 WRITING PROCESS BCC 121/454 - Prerequisites: Qualifying Accuplacer score or equivalent SAT score. This introductory writing course where students compose and revise narrative and expository essays and prepare for the study of literature by using writing to analyze texts. Through a writers' workshop approach, students explore the writing process, respond to a variety of texts and learn to communicate their ideas effectively and confidently in writing.

99992 THE SHORT STORY BCC 155/454 - Prerequisites: Qualifying Accuplacer score or equivalent SAT score. Students will read and discuss short stories drawn from the literature of many cultures and countries. They will analyze the stories for the theme, form, relationship to their own lives and reflection of various cultures. The relevance of these short stories for the modern reader will be examined.

999912 INTRODUCTION TO LITERATURE BCC 158/454 - Prerequisites: Qualifying Accuplacer score or equivalent SAT score. This course is a fundamental overview of literature for those who have previously been intimidated by literature courses. It teaches terminology of the four major genres of literature, (poetry, drama, short story and the novel) and the literary movements that have shaped these genres from the Classicism of Aristotle to the Anti-realism of MTV. This course stresses easy techniques for effectively answering essay questions, for writing papers for literature courses, and for more efficient studying.

SETON HALL UNIVERSITY ON CAMPUS COURSE

0439 ENGLISH I SHU 1201/454 - This course introduces students to critical and analytical reading and writing through the study of major works of fiction, poetry, and drama. Students will learn various approaches to analyze literature as well as the terms to explicate their observations. Emphasis is placed on developing clear and effective response to literary works.

0438 GREAT BOOKS II SHU 2101/454 - Prerequisites: Completion of English 1. This course continues the critical and analytical examination of literature begun in ENGL1201. Students will examine great works of literature spanning from ancient Greece to modern time. They will respond to readings through various types of essays.

MATHEMATICS

0616 FUNDAMENTALS OF ALGEBRAIC PROBLEM SOLVING 099 (Summer Enrichment) - Prerequisite: This course will prepare students for Algebra 1. Operations with whole numbers, integers and fractions are reinforced through application problems. In addition, students will review decimals and real numbers, percentages, ratios and rates, proportions, and measurement.

0614 SAT PREP 101 - MATH (Required for all juniors). This course includes a comprehensive review of the major concepts tested on the SAT: arithmetic, algebra, word problems, geometry and data analysis. Strategies and shortcuts for dealing with specific types of math questions are also covered.

0615 ALGEBRA 101 - This course is designed to introduce students to Algebra. Properties of real numbers; solving, graphing and writing linear equations and inequalities, introduction to exponents and square roots, introduction to polynomials and basic factoring rules and connections to Geometry involving the Pythagorean Theorem are some of the topics taught. Applications to real-life situations will be emphasized. Required material: TI84 Graphing Calculator.

0626 ALGEBRAIC APPLICATIONS 151 - Prerequisite: Algebra 101. This course will cover traditional algebraic topics focusing on graphing, linear functions, quadratic functions, exponential functions and logarithms. It will introduce complex numbers and relations. Required material: TI84 Graphing Calculator.

0611 ALGEBRA 202 - Prerequisite: Algebra 101 and placement as determined by HSPT score. This course will include substantial work with skills and concepts relative to real-life situations. Topics will include basic algebraic concepts as well as exponential growth and decay functions, quadratic equations and inequalities, factoring rules, rational expressions and equations and radical expressions and equations. Required Material: TI84 Graphing Calculator

0632 ANALYTICAL ALGEBRA 252 - Prerequisite: Algebra 101 and/or Algebra 151 and placement as determined by HSPT score. This course includes traditional algebraic concepts as well as an introduction to more advanced concepts and applications to real-life situations. Topics will include systems of equations and inequalities, matrices, quadratics, polynomials, rational expressions and equations, radical expressions and equations and exponential growth and decay functions. Required material: TI84 Graphing Calculator.

0631 ALGEBRA 303 - Prerequisite: Algebra 202 and/or Algebra 252 and placement as determined by HSPT score. This course includes all topics covered in Algebra 202/252. In addition, students will study more advanced skills and concepts relative to real-life situations. Topics will include systems of equations and inequalities, matrices, quadratics, polynomials, rational expressions and equations, radical expressions and exponential growth and decay functions. Required Material: TI84 Graphing Calculator.

0635 GEOMETRY 303 - Prerequisite: Completion of Algebra 202 and/or Algebra 252. This course will focus on key topics which provide a strong foundation in the essentials of geometry. Assignments will include opportunities to practice and maintain skills and concepts relating to real-life situations. Topics include segments and angles, parallel and perpendicular lines, triangle relationships, congruency, similarity, quadrilaterals, polygons, circles, area and volume. Required material: TI84 Graphing Calculator.

0646 MODERN MATHEMATICAL APPLICATIONS 303 - Prerequisite: Algebra 101/202. This course is divided in two quarterly topics. Quarter one is focused on SAT preparation. Quarter two is focused on real-life applications such as budgets, taxes and special projects. Required material: TI84 Graphing Calculator.

0644 FUNDAMENTALS OF COLLEGE ALGEBRA 303 - Prerequisite: Algebra 202. This course is designed to continue the concepts of Algebra 202 providing college-bound seniors with a solid algebra base and an introduction to trigonometry. Required material: TI84 Graphing Calculator.

0647 PROBABILITY AND STATISTICS 303 - Prerequisite: Completion of Algebra 202 and Geometry 303. This course introduces students to the basic concepts of probability and statistics. This course is designed to prepare students for study in the areas of education, psychology, or sociology. Students are taught fundamental ideas that underlie decisions reached by statistical methods and the mechanics of problem solving.

MATHEMATICS (continued)

0621 TRIGONOMETRY 353- Prerequisite: Completion of Algebra 252 or higher. This course is the prerequisite for Calculus. Assignments will include intense work with skills and concepts related to real-life applications. Topics will include concepts in Geometry as well as trigonometric ratios and functions, trigonometric graphs, identities and equations, laws of sines and cosines and areas of triangles and parametrics. Required material: TI84 graphing Calculator.

0642 PRE-CALCULUS 353 - Prerequisite: Completion of Geometry 303 or higher. This course is designed as a preparatory course for calculus. It will encompass algebraic functions, trigonometric functions, exponential and logarithmic functions, analytic geometry, matrices and determinants. Required material: TI84 Graphing Calculator.

0641 CALCULUS 404 - Prerequisite: Completion of Math 353. This course is designed to encompass a review of algebraic functions, trigonometry, logarithms and limits. It also provides in-depth study of differentiation and applications and an introduction to integration. Required material: TI84 Graphing Calculator.

0640 ADVANCED PLACEMENT CALCULUS 454 - Prerequisite: "A" average in Pre-Calculus 353, or "B" average in Calculus 404. This course is intended for students who have a thorough knowledge of college preparatory mathematics including algebra, axiomatic and analytic geometry and trigonometry. Requirements: Participation in seminar to prepare for mandatory AP exam and testing fee (approximately \$85.) is required. Required material: TI84 Graphing Calculator.

PERFORMING ARTS

0711 CHORUS 101 - This course is designed for students of all vocal abilities. A wide range of musical styles will be studied and performed. Basic vocal techniques, including posture, breathing, phrasing, intonation, and diction will be addressed. Required: Participation at school activities such as liturgies and concerts.

0713 MUSIC APPRECIATION 101 – This course exposes students to a wide range of musical styles. Classical through contemporary compositions will be analyzed with special emphasis placed on the uniquely American musical forms of jazz and the Broadway musical.

0716 MUSICAL ENSEMBLE 101 - Prerequisite: Audition. This course is designed for students who own and can play one or more musical instruments, and who are interested in learning to play in ensembles. Guitar, bass, keyboard, drums and any woodwind or brass instrument can be accommodated. The emphasis will be on learning the elements of music theory and performances that are necessary for playing successfully in groups. Students will be exposed to a variety of musical styles. The different ensembles will be encouraged to perform at a variety of school functions.

0710 MUSIC TECHNOLOGY LAB 101 - This course presents students with an introduction to recording technology both as a creative tool and as it relates to musical applications in radio, film, live performance, and composition. Through study of the field's history and by doing it themselves, students will appreciate and gain insight into music production as an art form and a useful 21st century skill.

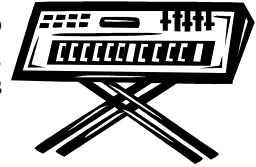
0722 SHOW CHOIR 101 - This performance-based course offers the Show Choir experience by combining vocal excellence with the visual aspects of choreography. The music performed will include pop and Broadway show tunes. A number of extra performances may be available outside the regular school day. Participation in the concert choir is required.

0717 MUSICAL THEATRE WORKSHOP 101 - This study and performance course is designed to give the singer/actor the skills and confidence necessary for auditions in musical theatre. Acting, singing, and movement techniques will be studied and applied to the various styles of musical theatre, culminating in a live performance.

0715 PLAY PRODUCTION 101 - This course is designed to teach students the different aspects of producing a play, including directing, blocking, costuming, set design and construction. The class will produce one complete play which will be presented to the elementary school.

PERFORMING ARTS (continued)

0718 PIANO 101 - This course will provide students with an opportunity to develop music skills through piano performance, to develop good piano technique, to learn basic theory, sight reading, and to enjoy self-expression through piano playing. Utilizing the piano keyboards and computers, students will learn the basics of music notation, rhythm, melody and harmony. A recital will be held at the completion of the course.



0719 THE HISTORY OF ROCK MUSIC 101 - This course will trace the development and significance of rock and roll. Students will study the chronological history of rock music beginning with such influences as blues, jazz, swing, country and western and rhythm and blues. Topics will include the musical and social trends of the 1960's, including the influence of the British Invasion, the rock explosion and social upheaval of the late 60's and the changes in rock and roll music during the 70's, 80's and 90's. The course will culminate in an exploration of today's current musical trends and icons.

0721 BAND 101 - Prerequisite: Audition. This course presents students with hands-on experience in the world of the performing musician. The aim is to create a strong and supportive atmosphere for creativity and musical growth. Students will be expected to work as a team as they rehearse, interpret, and perform live music for audiences at selected school and community events. Focusing on jazz and other contemporary styles, the Mater Dei Prep Band is designed for students who are serious about participating in instrumental music and who are potentially interested in studying music at the college level.

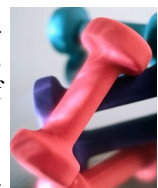
0723 MUSIC PRODUCTION 202 - Prerequisite: Music Technology Lab 101. This course presents students with an introduction to recording technology both as a creative tool and as it relates to musical applications in radio, film, live performance and composition. Through study, the students will appreciate and gain insight into music production as an art form and a useful 21st century skill.

PHYSICAL EDUCATION, HEALTH AND WELL-BEING

0811 PHYSICAL EDUCATION 101 - This course focuses on the student's participation in a well-rounded program of team and individual sports, physical fitness, conditioning, weight training, aerobics and recreational activities. The program is designed to develop life-long activities as a benefit to good health. Students will participate in the Presidential Physical Fitness Challenge.

0852 DANCE 101 - Designed for students interested in achieving basic levels of skill, technique, and knowledge in dance. Emphasis is placed on student choreography, movement, performance and ongoing artistic growth.

0816 STRENGTH AND CONDITIONING 101 - This course is designed for students interested in gaining the health benefits associated with a complete strength/conditioning paradigm. Students will be educated and instructed on proper techniques. This course includes teaching the importance of proper nutrition and the effects of dietary supplements.



0812 FAMILY LIVING 101 - This health course helps students develop and maintain a positive self-image centered on respect for oneself and the diversity of others. Students are taught the importance of becoming responsible, mature young adults with sound values and decision-making skills.

0802 DRIVER THEORY 101 - The student is instructed in safe driving techniques to insure safety on the road. Preparation for, and administration of the written New Jersey State Test is included.

0814 BASIC PRINCIPLES OF FIRST AID 101 - This course provides information and skills that help students administer first aid in emergency situations. CPR is an integral part of the instruction. American Red Cross certification for adult CPR will be issued to students who successfully complete course requirements.

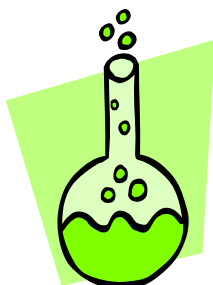
0804 FAMILY LIVING 202 - Prerequisite: Completion of Family Living 101. The primary objective of this health course is to provide accurate scientific information to understand the dangers involved with substance abuse, and the impacts associated to individuals and others.

SCIENCE

1035 PHYSICAL SCIENCE 099 (Summer Enrichment) - Prerequisite: Student decision. This course incorporates the key topics covered in Physics, Chemistry, Earth Science and Astronomy. Both classroom and laboratory experiences illustrate fundamental chemical and physical principles.

1012 BIOLOGY 101 - This course is designed to enable students to master the key concepts necessary in understanding fundamental biological processes. Emphasis is placed on the laboratory experience which provides a kinesthetic format.

1011 BIOLOGY 202 – Prerequisite: Completion of Biology 101 and/or concurrent Chemistry 202. This comprehensive course includes in-depth coverage of both fundamental and current topics in biological science including plants, animals, systems, and cellular biology. Emphasis is placed on the laboratory experience which provides a kinesthetic format for understanding biological processes.



1032 CHEMISTRY 202 - Prerequisite: Completion of Biology 101 or Biology 202. This course provides an introduction to the basic concepts of Chemistry. Topics covered include metric conversions, significant figures, energy and matter, basic atomic theory, the periodic table, nomenclature, the mole, balancing equations, classifying chemical reactions, stoichiometry and gas laws. Laboratory work is an integral part of this course.

1041 PHYSICS 202 - Prerequisite: Completion of Biology 101, Algebra 202 or higher. This laboratory course emphasizes mechanical concepts and mathematical analysis. Students study the topics of introductory physics including motion, gravity, electricity, magnetism, and light.

1042 ENVIRONMENTAL STUDIES 202 - Prerequisite: Completion of Biology 101. This course is designed to introduce students to major ecological concepts and the environmental problems that affect the world in which they live. The impact of human behavior on the environment is explored through various field activities.

1021 CHEMISTRY 252 - Prerequisite: Completion of Biology 101 and Chemistry 202 with a “B” average or higher, or Completion of Biology 202. This course provides students with an intensive study of essential concepts in Chemistry. Course work includes an in-depth study of dimensional analysis, significant figures, energy and matter, basic atomic theory, the periodic table, nomenclature, the mole, balancing equations, classifying chemical reactions, stoichiometry and gas laws. Laboratory work is an integral part of this course.



1031 PHYSICS 252 - Prerequisite: Completion of Biology 101 and Chemistry 202 with a “B” average or higher, or Completion of Biology 202, and Algebra 202 or higher. This laboratory course is designed as an introduction to central topics in physics, emphasizing an understanding of underlying concepts with in-depth mathematical problem solving. Course work includes thorough study of dimensional analysis, basic units, scientific notation and application of the scientific method to problem solving.

1051 BIOLOGY 303 - Prerequisite: Completion of Biology 202 and Chemistry 202 or higher. This course includes a comprehensive and in-depth investigation into the study of basic physiological functions, modern genetics, cellular physiology, developmental biology and the bio-chemistry of living systems. A term paper and journal are requirements of this course.

1061 CHEMISTRY 303 - Prerequisite: Completion of Chemistry 202 (“B” or higher) and/or Chemistry 252. This in-depth study of the major concepts of chemistry is designed to further investigate areas of study that include acid/base and oxidation reduction reactions, thermodynamics, kinetics, electronic structure, periodic trends, chemical bonding, molecular geometry, organic chemistry and intermolecular forces.

1036 PHYSICS 303- Prerequisite: Completion of Physics 202 (“B” or higher) and/or Physics 252. This course requires in-depth study and surveys of classical mechanics with intensive use of Algebra, Trigonometry, and introductory Calculus. Calculus concepts are taught as needed.

SCIENCE (continued)

1014 ADVANCED PLACEMENT BIOLOGY 454 - Prerequisite: Completion of Biology 303 and Chemistry 202 (“B” or higher) or Chemistry 252 or higher. This college level course covers three major areas of biology: molecules and cells, genetics and evolution, and organisms and populations. Through required labs, students become more aware of the process of biological investigation. Requirements: Participation in seminar to prepare for mandatory AP exam and testing fee (approximately \$85.) is required.

1044 ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE 454 - Prerequisite: Completion of Biology 101 and/or Biology 202, Environmental Studies 202, and Chemistry 202 (“B” or higher) or Chemistry 252 or higher. This course integrates topics covered in Biology and Environmental Studies with emphasis on scientific principles, concepts and methodologies required to understand the interrelationships of the natural world. Students identify and analyze natural and man-made environmental problems, evaluate their relative risks, and examine alternative solutions for resolving and/or preventing them. The course includes a “hands-on” approach to laboratory work and field investigations. Requirements: Participation in seminar to prepare for mandatory AP exam and testing fee (approximately \$85.) is required.

SETON HALL UNIVERSITY ON CAMPUS COURSES

1045 CHEMISTRY 454 - Prerequisite: Successful completion of Chemistry 202 or 252 and Algebra 202, 252, or 303. This course is designed to be the equivalent of the general chemistry course taken during the first year of college. The course is fast paced and stresses the mathematics of chemical concepts with emphasis on problem solving. It is intended as excellent training for future pre-med, chemistry, biochemistry, or engineering students. Students must have a thorough understanding of algebra and geometry.

1038 PHYSICS 454 - Prerequisite: Successful completion of Physics 202 or 252 and Algebra 202, 252, or 303. This course is fast paced and stresses the mathematics of physics principles with emphasis on problem solving. It provides excellent training for future students in pre-medicine, computer science, architecture, chemistry, physics, or engineering. Topics include the analysis of motion, forces, energy, momentum, gravity, sound, magnetism, and electricity. Participants should have good background in Algebra and Geometry with some knowledge of trigonometry recommended.

SOCIAL STUDIES

1150 WORLD HISTORY 101 - This course provides students with a broad view of the world outside the United States and the cultural connections to their lives. Students will examine the ancient world through the emerging nation-states of Europe and continue toward the post-modern world. Emphasis will be placed on the development of writing and critical thinking skills.

1167 WESTERN CIVILIZATION 202 - This course investigates ancient Egypt, Greece and Rome, and continues through the European Middle Ages and the emergence of modern Europe. Topics of include, the development of Greek Democracy, the spread of Christianity throughout the Roman world, the fall of the Roman Empire, the Dark Ages, Renaissance, and the religious division of Europe during the Reformation. Emphasis will be placed on developing writing and critical thinking skills.

1115 U.S. HISTORY 1 202 - This course covers American History from the Constitution to the Age of Industrialism and the Age of Imperialism and Progressivism and extends to the present day. Special emphasis is placed on the Constitution and its effect on the daily lives of Americans.

1127 U.S. HISTORY 2 202 - This course begins with the Age of Imperialism and Progressivism and extends to the present day. Current events and vital issues of the day are explored. And emphasis will be placed on developing writing and critical thinking skills.

1157 SOCIOLOGY 202 - This course is the study of ordered, recurring patterns of social life. These patterns are studied in relation to their effect on group behavior. This course examines several of the key topics which include socialization, groups, marriage and family, social stratification, ethnic and racial groups, collective behavior, social change, and crime.

SOCIAL STUDIES (continued)

1159 THE AMERICAN EXPERIENCE THROUGH FILM 202 - This course will cover the cultural aspects of American History as they are portrayed in film. By examining historical trends, events, and eras and their cinematographic interpretations, students will better understand the relationship between history and art. Students will analyze plot, discuss imagery, diagram characterization, and explore historical background through visual experience. This course will be discussion-oriented with an emphasis on written assignments.

1161 THE INFLUENCE OF SPORTS IN AMERICAN SOCIETY 202 - This course will explore the unique relationship that exists between sports and American culture as well as the role sports plays in society. By examining these connections, students will better understand how competition drives America and how significant the role of sports and athletics is in the United States. Topics to be explored include the concept of hero worship, the idea of personal responsibility in the athletic arena, and the business of professional athletics.

1143 CONTEMPORARY ISSUES 202 - This course is designed for students interested in everyday world events. It will provide a foundation for the evaluation and discussion of current events and issues. Discussion and presentations will be an integral part of the course.

1145 CRIMINAL JUSTICE AND THE LAW 202 - Students will explore the inner workings of the law and the criminal justice system. Emphasis will be placed on the constitutional basis for all American law, both civil and criminal, as well as the justice system and professions related to law enforcement. An extensive review of case law will be presented as it applies to various topics of the law.

1158 CULTURAL ANTHROPOLOGY 202 - This course provides a humanistic approach to anthropology to enable students to understand human evolution from past civilizations to modern societies. It will serve to communicate an appreciation of various cultures, their origins, and their impact on the world.

1144 ECONOMICS – 202 This course is designed to give students insight into the operations of our modern economic society and its historical foundations. The economic achievements of our private enterprise system will be examined and the unsolved problems which it faces will be analyzed. Supply and demand, the banking system, and other topics will be discussed.

1160 EDUCATION 202 - This course will provide students with basic instruction in the art and science of the teaching profession. Students will discuss various classroom techniques, curriculum models, philosophies of education and mechanics of teaching, including how children learn and lesson planning for optimal student success. The course will culminate with practice teaching of lessons and group critique.

1153 GENOCIDE AND HOLOCAUST STUDIES 202 - This course provides an investigation of the origins, events, and outcomes of different genocidal events with emphasis on the Holocaust of the 20th century. Special emphasis will be placed on the Khmer Rouge, Idi Amin, Slobodan Milosevic and the Duvalier Regime. Research projects and interactions with the Holocaust Center at Brookdale Community College will serve to enhance each learner's understanding of these tragic events.

1114 HISTORY OF TELEVISION 202 - This course will explore the influence of television on our American society throughout the past century. Students will develop an understanding of how television has affected elections, economics, family structure, and overall societal change. Landmark episodes of television shows, groundbreaking interviews and events, public addresses, and major sports moments will all be examined and studied for their effect on American culture, as the television developed into an integral piece of every home in the nation.



1162 PERSONAL FINANCE 202 - This course introduces students to the responsibilities of personal finance and consumer economics. Emphasis will be placed on consumer education and understanding of the concepts of money management and responsible spending and fundamentals of financial law.

SOCIAL STUDIES (continued)

1155 FUNDAMENTALS OF PSYCHOLOGY 202 - This course is the scientific study of the mental processes and behavior of organisms. This course examines several key topics in the field of psychology: memory and cognition, body and behavior, sensation and perception, motivation and emotion, stress and health, and altered states of consciousness.

1151 U.S. HISTORY 303 - Prerequisite: Completion of Western Civilization 202 or “B” average in World History 101. This course will include the study of the Constitution and advance to the Age of Industrialism. Special emphasis will be placed on developing the skills necessary for the Advanced Placement U.S. History course. Historical analysis and interpretations of prime source materials will be presented through the year. Written and verbal skills will be emphasized.



1156 PSYCHOLOGY 303 - Prerequisite: Completion of Psychology 202. This course focuses on the specific topic of Developmental Psychology. Students will be required to conduct and present presentations and demonstrations as well as, research designs based on historical and psychological studies.

1141 ADVANCED PLACEMENT U.S. HISTORY 454 - Prerequisite: “B” average in U.S. History 303. This course is designed to give students both an in-depth appreciation of American History and to serve as preparation for the Advanced Placement Test. Numerous research projects comprise an important facet of this course. Requirements: Participation in seminar to prepare for mandatory AP exam and testing fee (approximately \$85.) is required.

1176 ADVANCED PLACEMENT WORLD HISTORY 454 - This course is designed to give students a knowledge and understanding in the subject matter of World History. The reading and interpreting of each chapter is imperative. The class will be a study of world history from Pre-History to the early 21st century, focusing on the evolution of global processes and contacts, in interaction with different types of human societies. The course will prepare students for the College Board examination in World History given in May. Requirements: Participation in seminar to prepare for mandatory AP exam and testing fee (approximately \$85.) is required.

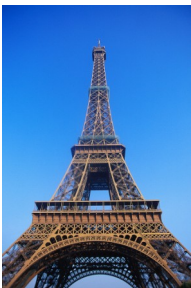
BROOKDALE COMMUNITY COLLEGE ON CAMPUS COURSES

99994 AMERICAN CIVILIZATION II BCC 136/454 - Prerequisites: Qualifying Accuplacer score or equivalent SAT score. Students will demonstrate an understanding of personalities, events and problems in American history from the Civil War (1865) until World War II (1941).

99990 RECENT AMERICAN HISTORY BCC 137/454 - Prerequisites: Qualifying Accuplacer score or equivalent SAT score. The student will recognize and assess the major forces that have shaped the course of American domestic and foreign policies since World War II (1945). The student will analyze the inter-relationship and consequences of foreign and domestic events.

WORLD LANGUAGE

0508 FRENCH 099 (Summer Enrichment) – Prerequisite: Student Decision. This course is designed for students who previously had little or no instruction in French and may need reinforcement in certain skills. The course focuses on basic conversation and grammar and will enable students to gain further confidence in studying French during high school.



0509 SPANISH 099 (Summer Enrichment) - Prerequisite: Student Decision. This course is designed for students who have previously had little or no instruction in Spanish or may need reinforcement in certain skills. The course focuses on basic conversation and grammar and will enable students to gain further confidence in studying Spanish during high school.

0711 FRENCH 101 - This introductory course consists of a multi-sensory approach to learning the French language. Insight into the French culture is included.

WORLD LANGUAGE (continued)

0581 SPANISH 101 - This introductory course consists of a multi-sensory approach to learning the Spanish language. Insight into the Spanish culture is included.

0522 FRENCH 202 - Prerequisite: Completion of French 101. This course provides students with an understanding of the French language focusing on the constructs of grammar and conversation.

0583 SPANISH 202 – Prerequisite: Completion of Spanish 101. This course provides students with an understanding of the Spanish language focusing on the constructs of grammar and conversation

0531 FRENCH 303 - Prerequisite: Completion of French 202. This course alternates between two different approaches allowing all students to increase their ability to understand and speak the French language. Vocabulary, grammar, and writing skills are increased as students study the literature, culture, history, and art of the French-speaking world.

0587 SPANISH 303 - Prerequisite: Completion of Spanish 202. This course emphasizes a more intense study of grammar that encourages greater creativity in written and oral expression. Students are exposed to Spanish literature to further their comprehension of Hispanic culture and life.

0551 FRENCH 404 - Prerequisite: Completion of French 303. This course further enhances the students' reading, writing, and speaking abilities. Literary works by authors such as Camus, Sartre, Hugo and St. Exupery are analyzed.



0588 SPANISH 404 - Prerequisite: Completion of Spanish 303. In this multi-disciplinary approach to Spanish, students study the literature, history, art, and culture of Spain while further developing their listening, speaking, reading, and writing skills. Students are introduced to key events in Spanish history and to literary works from representative authors.

0597 ADVANCED PLACEMENT FRENCH LANGUAGE 454 - Prerequisite: "B" average in French 303 with additional supplementary work, and/or Completion of French 404. This AP French Course focuses on conversation and composition, and is taught almost entirely in French. It is intended to help students develop the ability to understand spoken French and to speak with reasonable fluency in a variety of contexts. Course content reflects the arts, current events, literature, history and business, and relies on the use of films, newspapers, the Internet, and literary texts to develop the core language skills (reading, writing, speaking and listening) in those subjects' areas. At the end of the course, students will take the College Board AP Exam in French. Requirements: Participation in seminar to prepare for mandatory AP exam and testing fee (approximately \$85.) is required.

0590 ADVANCED PLACEMENT SPANISH LANGUAGE 454 - Prerequisite: "B" average in Spanish 303 with additional supplementary work, and/or Completion of Spanish 404. This AP Spanish course focuses on conversation and composition, and is taught almost entirely in Spanish. It is intended to help students develop the ability to understand spoken Spanish and to speak with reasonable fluency in a variety of contexts. Course content reflects the arts, current events, literature, history and business, and relies on the use of films, newspapers, the Internet, and literary texts to develop the core language skills (reading, writing, speaking and listening) in those subjects' areas. At the end of the course, students will take the College Board AP Exam in Spanish. Students should have a good command of Spanish grammar and vocabulary, as well as competence in listening, reading, speaking, and writing. Requirements: Participation in seminar to prepare for mandatory AP exam and testing fee (approximately \$85.) is required.

Course Selection 2012-2013

RELIGION

0912 Christian Service
0911 Catholic Christianity 101
0921 Christian Morality 202
0941 Catholic Social Teaching 303
0913 Church History 303
0932 Religions of the World 303
0946 Scripture 303
0942 Thanatology 303
0914 Mariology 404
0909 Thanatology 404
0908 Theology of the Body 404
Alt

ART

0144 Art Appreciation 101
0146 Dance Appreciation 101
0141 Art and Interaction 101
0142 Art Fundamental 101
0132 Applied Arts 101
0145 Floral Design 101
0131 Painting 101
0135 Photography 101
0138 Printmaking 101
0133 Sculpture 101
0143 Art Fundamentals 202
0137 Graphic Design 202
0130 Painting 202
Alt

PERFORMING ARTS

0711 Chorus 101
0713 Music Appreciation 101
0716 Musical Ensemble 101
0710 Music Technology Lab 101
0722 Show Choir 101
0717 Musical Theatre Workshop 101
0715 Play Production 101
0718 Piano 101
0719 The History of Rock 101
0721 Band 101
0723 Music Production 202
Alt

ENGLISH

0410 Fundamentals of Writing 099 (Summer Enrichment)
0415 SAT Prep 101 – Critical Reading and Writing (Required for all Juniors)
0416 Literature Genre 101
0430 Yearbook 101
0449 Media Arts Production 101
0444 TV Production 202
0417 Literature Genre 202
0454 Film Analysis 202
0463 Journalism 202
0466 Mythology 202
0425 American Literature 202
0431 British Literature 303
0441 World Literature 303
0467 Christian and Religious Literature 303
0443 AP English Language and Composition 454
0440 AP English Literature and Composition 454

COMPUTER SCIENCE

0354 PC Applications 101
0331 Computer Programming 101
0332 Computer Programming 202
0345 Video Game Design and Programming 303
0352 Computer Programming 303
0353 Graphical User Interfaces and Game Simulation 303

MATHEMATICS

0616 Fundamentals of Algebraic Problem Solving 099 (Summer Enrichment)
0614 SAT Prep 101 – Math (Required for all Juniors)
0615 Algebra 101
0626 Algebraic Applications 151
0611 Algebra 202
0632 Analytical Algebra 252
0631 Algebra 303
0635 Geometry 303
0646 Modern Mathematical Applications 303
0644 Fundamental College Algebra 303
0647 Probability and Statistics 303
0621 Trigonometry 353
0642 Pre-Calculus 353
0641 Calculus 404
0640 AP Calculus 454

SCIENCE

1035 Physical Science 099 (Summer Enrichment)
1012 Biology 101
1011 Biology 202
1032 Chemistry 202
1041 Physics 202
1042 Environmental Studies 202
1034 Chemistry 252
1031 Physics 252
1051 Biology 303
1061 Chemistry 303
1036 Physics 303
1014 AP Biology 454
1044 AP Environmental Science 454

Name _____

Grade _____

**PHYSICAL EDUCATION, HEALTH
AND WELL BEING**

0811 Physical Education 101
0852 Dance 101
0816 Strength and Conditioning 101
0812 Family Living 101
0802 Driver Theory 101
0814 Principles of First Aid 101
0804 Family Living 202

WORLD LANGUAGE

0506 French 099 (Summer Enrichment)
0509 Spanish 099 (Summer Enrichment)
0511 French 101
0581 Spanish 101
0522 French 202
0583 Spanish 202
0531 French 303
0587 Spanish 303
0551 French 404
0588 Spanish 404
0597 AP French Language 454
0590 AP Spanish Language 454

SOCIAL STUDIES

1150 World History 101 (Grades 11 and 12)
1154 World History 101 (Grade 9)
1167 Western Civilization 202
1115 United States History 101
1127 United States History 202
1158 Sociology 202
1159 American Experience Through Film 202
1161 Influence of Sports in American Society 202
1143 Contemporary Issues 202
1145 Criminal Justice and the Law 202
1120 Cultural Anthropology 202
1144 Economics 202
1121 Education 202
1153 Genocide and Holocaust Studies 202
1114 History of Television 202
1162 Personal Finance 202
1155 Fundamentals of Psychology 202
1151 United States History 303
1156 Psychology 303
1175 World History 353
1141 AP United States History 454
1176 AP World History 454

**SETON HALL UNIVERSITY
(MDP CAMPUS)**

0933 World Religion 454
0439 English I 454
0438 Great Books II 454
1045 Chemistry 454
1038 Physics 454

**BROOKDALE DUAL
ENROLLMENT**

9999F Brookdale Community College Course Fall Semester 454
9999S Brookdale Community College Course Spring Semester 454
99998 English Composition: The Writing Process BCC 121/454 (MDP Campus)
99992 The Short Story BCC 155/454 (MDP Campus)
999912 Introduction to Literature BCC 158/454 (MDP Campus)
99994 American Civilization II BCC 136/454 (MDP Campus)
99990 Recent American History BCC 137/454 (MDP Campus)

CENTER FOR ACHIEVEMENT

9998 Resource Study (Non-Credit)

Scheduling conflicts can occur. Be certain, that your alternate choices are realistic and are what you would like to have even as a second choice. Having chosen your courses for next year, you are not expected to request a change of schedule without a serious reason. All schedule changes must be made no later than Friday, April 20, 2012. Changes are made for sound educational purposes only.

Student's Signature

Date