Mother Seton Regional High School
One Valley Road, Clark, New Jersey 07066-1597

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2016-2017

Dear Parent and Student,

The course description booklet should help you in making your choice of subjects for next year. Please read it carefully and discuss together possible selections so that you will be able to make intelligent choices in accordance with your future plans. At the back of this booklet is your "preliminary course selection sheet". This preliminary course selection paper is due to your homeroom teacher by Monday, March 7th and must be signed by a parent/guardian. The master schedule will be built from student choices as indicated on these selection sheets. It is important, therefore, that you choose wisely and indicate your elective choices carefully in priority. You will be expected to continue in your final course selection by March 21 and you will complete your schedule for 2016-2017 in June.

Please keep the following points in mind:

1. Each student must successfully complete the following courses each year:

   A. Religion
   B. English
   C. Physical Education and Health

2. To complete requirements for graduation from Mother Seton Regional High School, the following courses must also be completed within your four years here:

   U.S. History I and II, one year of World History/Cultures, two years of Lab Sciences, three years of Mathematics, one credit year of Fine/Practical/Performing Arts, one half credit of Career Development

   The SAT examination requires three years of high school mathematics (Algebra I, Geometry and Algebra II), as do many colleges. Many colleges also require or recommend two years of a lab science. Therefore, Biology and Chemistry are recommended as those lab sciences. It is wise to keep all of these points in mind as you choose your courses. Prospective juniors should investigate whether colleges they are potentially considering require a third year of a foreign language. Aside from these requirements, juniors and seniors may choose any electives they wish. They should seek parental and faculty guidance in these choices.

3. You have already given us an indication of the courses you would like to see scheduled on your grade level for next year. With those recommendations in mind, the course description booklet has been developed and all electives will be scheduled to accommodate the largest number of students according to the courses you will indicate on your "preliminary course selection sheet". Please realize that every effort will be

made to fulfill your particular requests. Make your selections on a priority basis so that we can give you the courses which are your highest priority. By necessity, some courses must be scheduled simultaneously. Generally, a minimum of fifteen students will be required for most classes. Should a conflict occur, you will then be prepared to accept your second choice.

4. During 2016-2017, we are offering the sophomores the opportunity to further strengthen their academic foundation by developing the second level of most of the courses they are presently taking. All sophomores also have the option of choosing an extra elective such as Honors Algebra II, Art, Contemporary Literature, Exploring America's Diversity, Family and Consumer Science, Everyday Law and others, depending on student responses on the Preliminary Course Selection papers.

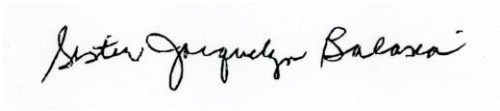
5. For freshmen and sophomores, courses are also scheduled in Art, Exploring Engineering, Family and Consumer Science, Technology, Music, Career Development and SAT Prep. This is done in the early years so that students, while completing their other major subjects, will have an opportunity to get a well-rounded foundation and will have additional time and room in their elective areas as juniors and seniors.

6. All sophomores and juniors will be scheduled into SAT Preparation. Our intent is to provide students with SAT readiness and to increase their SAT scores.

7. Further questions should be directed to the students' teachers and/or to members of Administration or Guidance.

With our mutual interest and cooperation, we can complete your schedule in June - a schedule which will reflect your plans for the future and our deep interests in them.

Sincerely yours,



Sister Jacquelyn Balasia
Co-Principal

Mother Seton Regional High School
One Valley Road Clark, NJ 07066
Course of Studies
2016-2017

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Our Mission: Mother Seton Regional High School is a Catholic school that challenges, empowers and inspires young women to achieve excellence in academics, personal growth and service to others in a nurturing, richly diverse community.

ON-LINE COURSES

Distance learning is an increasingly viable alternative to more traditional learning environments. At Mother Seton Regional High School, we are committed to offering online classes as a way to expand, augment and personalize our curriculum. Through our affiliation with various universities, we are able to offer online courses to students enrolled in the program.

Working in the online environment demands good time management skills. Students may participate in online discussion, do projects and complete papers. Any student who chooses this online program needs to be self-motivated, have a desire to experience the online course environment, have good time management skills and maintain an excellent academic record.

The student who is interested in pursuing this online option should submit a request through email to srjacquelyn@motherseton.org indicating her intention to pursue a particular course of online study. She should make Sister Jacquelyn aware of her intention for online study when she submits her Preliminary Course Selection Form. The student should also provide a rationale for the course she wishes to pursue. The request must be for a course that is not normally offered or is not available to her in the MSR curriculum. Additional fees may apply. Decision will be made on an independent basis.

RELIGIONS STUDIES

MISSION: Recognizing the hand of God in all creation and Jesus' call to live in love that is guided by the Holy Spirit. The Religious Studies Department seeks to move students from simply respecting to reverencing themselves, others and their environment.

OBJECTIVES: The goals of the Religious Studies Department are to provide students with opportunities to experience their faith by developing their ability to:

- witness Jesus' love;
- proclaim the Good New;
- learn about Jesus and the Good News;
- invite all members of the school community to Jesus' love;
- experience Jesus' love as a faith community;
- bring Christ's love to others through service.

Grade 9
One Semester
8 mods per week

011 - SCRIPTURE

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

One Semester
8 mods per week

013 - JESUS CHRIST

The purpose of this course is to introduce students to the Mystery of Jesus Christ, the Living Word of God, the second Person of the Blessed Trinity. In this course, students will understand that Jesus Christ is the ultimate revelation to us from God. In learning about who He is, the students will also learn who He calls them to be.

Grade 10
One Semester
8 mods per week

021 - THE MISSION

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

One Semester
8 mods per week

022 - CHURCH

The purpose of this course is to help the students understand that in and through the Church, they encounter the Living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by Him through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today. This Body has both Divine and human elements.

In this course, students will learn not so much about events in the life of the Church, but about the sacred nature of the Church.

Grade 11
One Semester
8 mods per week

031 - SACRAMENTS AND PRAYER

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

One Semester
8 mods per week

033 - SOCIAL JUSTICE

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

Grade 12

The Senior Year Religion Program consists of the following cycles and a semester of Lifestyles.

One Semester
8 mods per week

043 - PERSONAL SPIRITUALITY

This course will emphasize prayer and the various forms of meditation. The seniors will study and experience the reading of the Bible for personal faith growth and the sharing of community prayer as Christian witness This personal response to God's call will naturally lead to discussions on various ministries in the Church.

This course helps students to understand the human dimension of death and to realize that death is part of the life cycle. Consideration is directed to the grieving process when one experiences loss through the minor events in life to the loss of loved ones through death (or various forms of separation). Special emphasis is placed on integrating the message and witness of Jesus to develop a Christian perspective for death in order to live life to the fullest.

One Semester
8 mods per week

045 - LIFESTYLES

The course in Lifestyles is designed to assist the students in coming to a deeper appreciation of their sexual and vocational identity. The student is challenged to consider the various vocations which reflect a mature Christian lifestyle. Particular attention is paid to the development of communication skills.

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ENGLISH

MISSION: The English Department seeks to provide an environment in which students develop critical intelligence, aesthetic imagination, learning and eloquence. It deepens students' awareness of complex moral and ethical issues and enriches their understanding of literature and the world.

OBJECTIVES: The English Department seeks to attain significant improvement in each student's

- ability to speak articulately and read fluently;
- ability to write clearly, critically and imaginatively;
- knowledge and use of vocabulary for reading, writing and speaking;

- knowledge and use of spelling, grammar and syntax;
- familiarity with a curriculum of great works;
- ability to analyze literature technically, using a vocabulary of literary, grammatical and rhetorical terms;
- ability to take standardized tests successfully, including reading comprehension and impromptu essays;
- ability to research, write and document a formal college essay, including the responsible use of the Internet.

Composition is at the core of our endeavor, and students write extensively in every course they take. The goal is that, at the end of their senior year, they will be able to read complex texts with understanding and write prose with richness and grace.

Grade 9
10 mods per week

110 - ENGLISH 9 - College Prep

Freshman students study various types of literature in order to become aware of literary techniques in drama, poetry, the novel and short stories. In addition, the course focuses on writing skills which include vocabulary, grammar and composition.

Grade 9
10 mods per week

ENGLISH 9 - Honors
111 - Honors 1
112 - Honors 2

This honors freshman course in English covers all of the same subjects as the basic freshman course; however, it explores the material more intensively. Creative writing, doing basic research and writing essays are stressed. Frequent reading assignments involving a broad spectrum of traditional and modern writers are required.

Grade 9
2 mods per week

115 - WRITING SKILLS

All freshmen and sophomores take Writing Skills on a pass/fail basis. Designed to enhance English 9 and 10, this class considers a wide assortment of practical topics, such as common errors in diction, punctuation and syntax; parts of speech; strategies for improving and varying sentence structure; paragraph development; outlining and use of the library.

Grade 10
10 mods per week

120 - ENGLISH 10 - College Prep

The sophomore course continues to build on the foundation established in freshman year, moving further toward mastery of the written word, grammar and the acquisition of an extensive vocabulary. The course includes readings in world literature of all genres along with frequent written responses. The goals are to develop critical thinking skills, reading skills and effective written and oral communication.

Grade 10
10 mods per week

ENGLISH 10 - Honors
121 - Honors 1
122 - Honors 2

The honors sophomore courses include all of English 10 along with more frequent independent reading and writing assignments and further development of expository writing skills. Emphasis is placed on developing literary insight and appreciation, as well as a more sophisticated writing style.

Grade 10
8-10 mods per week
Elective

129 - LITERATURE ALIVE!

This elective course is designed to improve students' reading comprehension, their vocabulary and their reading rate. Students will study material appropriate for their reading level. Extensive and selective readings will acquaint students with various types of prose which they will meet in their other subject areas.

Grade 11
10 mods per week

130 AMERICAN LITERATURE - College Prep

This course is designed to give students an understanding of the major periods in American literature from the 1600's to the present. Students will study the literary characteristics of the period, the conditions which produced them, the major authors and their contributions to the period. All students are required to write a research paper and are guided through the process using the MLA method. Emphasis is placed on preparing for the SAT in both writing and verbal skills through testing.

Grade 11

AMERICAN LITERATURE - Honors
131 - Honors 1
132 - Honors 2

The honors program is an intensive course in American Literature. In addition to the regular survey of American literature, students study in greater detail selected authors who offer deeper insights into the literary period. Students also explore the writing process in interpretative essays and in a required independent research project based on the MLA documentation style.

Grades 11, 12
8-10 mods per week
Elective

135 - CREATIVE WRITING

In this course, students will learn how to conjure, plan, compose, revise and polish creative writing pieces. Types of pieces will include but not be limited to short stories, poems, personal essays and short plans or movies. Students will focus on the following aspects of creative writing: plot, setting, characterization, conflict, structure, diction, dialogue and the many other intricacies of fine writing. By the end of the course, each student will have completed polished pieces in a multitude of genres.

Grade 12
10 mods per week

140 - BRITISH LITERATURE - College Prep

Students examine English literature, including the prose and poetry of the Anglo-Saxon period, the medieval period, the Elizabethan Age, the seventeenth and eighteenth centuries, the Romantic Age, the Victorian Era, the early twentieth century and contemporary British writing. A research paper is required.

Grade 12
10 mods per week

142 - BRITISH LITERATURE - Honors 2

Seniors in British Literature Honors 2 trace the development of English literature from the Anglo-Saxons through the contemporary period, reading and analyzing classic and contemporary literature of various genres from diverse critical approaches. The curriculum seeks to develop the skills of sophisticated critical analysis in writing and speech. A research paper is required.
Pre-requisite: Minimum grade of B in all previous English courses and/or approval of the department.

Grade 12
10 mods per week

148 - ENGLISH 12 AP®

English AP® is a college-level course intended to challenge and stimulate students as it prepares them for the English AP® Literature test and college English. A major authors' course in the history of English literature, the class includes close readings in Shakespeare, Donne, Austen, Wordsworth and others. Students take increased responsibility for their own learning and development through readings and research papers relevant to the subject matter. The result is a broad base of literary knowledge, critical reading skills and expository writing skills.
Pre-requisite: Minimum grade of B+ in all previous English courses and/or approval of the department.

Grades 10, 11, 12
10 mods per week
Elective

149 - CONTEMPORARY LITERATURE

Contemporary Literature provides a comprehensive study of world literature in the second half of the 20th century to the present. The class examines and discusses a variety of literary movements and the corresponding historical and cultural perspectives. Thematic units may include: modern theater, "coming of age" works, women in literature, magic realism, literature of war and protest, mass media and the Internet, contemporary essays and speeches and multi-cultural perspectives. Student writing ranges from formal analytical pieces to creative efforts. Field trips related to the curriculum are planned yearly.

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GUIDANCE

MISSION: Through the design, development, implementation and evaluation of a comprehensive counseling program, the Guidance Department seeks to enhance the learning process, support the academic achievement of students and to assist students in achieving optimal personal growth.

The counseling program also assists students in acquiring positive social skills and values, to set appropriate career goals and to explore post-secondary educational opportunities.

OBJECTIVE: The administration, faculty and staff of Mother Seton Regional High School work hard to make sure that our students receive an education that is second to none in the State of New Jersey. Our standards are high and our expectation is that each student will reach her personal potential here through hard work and collaborative efforts between parents and teachers. No student is invisible at Mother Seton. The Guidance Department recognizes that students at all grade levels have different needs.

The guidance counselor, through classroom instruction, follows an age-appropriate advising curriculum. Academic advising and college planning issues are a focal point for our students. In addition, private personal counseling is done on an individual basis. As such, we are unique among many schools because our students are seen once a week in guidance class, in additional to individual appointments.

Required

910 - FRESHMAN CAREER DEVELOPMENT

Students are in a transition year and we recognize that there is a need for extra support as they make the jump into high school. Every freshman is seen in small group guidance during the first month of school. In addition, all freshmen are seen once a week for one marking period in Freshman Career Development. This class is about

high school adjustment and how expectations are different from eighth grade or middle school. We discuss homework, understanding personal learning style, note taking, teacher expectations, the importance of risk taking, getting involved and trying new things and handling new relationships.

SOPHOMORE CAREER DEVELOPMENT

Sophomores are more adjusted to high school now so we continue to build on the skills learned in freshman year. Students should be involved in a club, sport or activity that they enjoy. During this year, we encourage students to learn about themselves more fully by way of lessons that focus on personality and personal strengths and weaknesses. In addition, we begin to introduce some preliminary college and career information.

Spring semester
Required

930 - JUNIOR CAREER DEVELOPMENT: COLLEGE ADVISING

Juniors generally find this year to be one that is quite challenging. This is because of increased academic work and the addition of standardized testing for college admission. In addition, Junior Career Development has as its focus college research. Juniors meet once a week in class during the second semester to learn how to develop a college list, build a resume, understand majors and concentrations, testing requirements, financial aid, campus visits and questions for college to ask college reps who visit MSR among many other college relevant topics. In addition, there is a scheduled individual junior parent college conference held in early winter.

Fall semester
Required

940 - SENIOR CAREER DEVELOPMENT: THE APPLICATION PROCESS

All seniors meet once a week in Career Development during the fall. A review of the final college list is done, in addition to checking the completion of the senior college application checklist. This includes checking for teacher recommendations, formalizing and updating the resume, completion of any portfolio work for visual or performing art applicants, sending of standardized testing scores and preparation for the college interview, if needed.

Good health and sleep habits are stressed for seniors who may feel overwhelmed by the college application process. Therefore, we also teach techniques for managing stress and anxiety.

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MATHEMATICS

MISSION: The Mathematics Department seeks to instill in its students an appreciation and love of mathematics. We strive to strengthen their computational skills and develop their problem solving and critical thinking abilities in order to prepare them to take their place in our increasingly technological society.

OBJECTIVES: The Mathematics Department seeks to promote student growth in:

- basic computation skills;
- reasoning ability, especially critical thinking, questioning and problem-solving skills;
- ability to use graphing calculators;
- ability to apply mathematics to solve real life situations;
- preparedness for SAT and other standardized tests;
- preparedness for college-level mathematics courses;

- awareness of career opportunities in the field of mathematics.

TI-89 Titanium calculators are used extensively in Hon 1 Algebra II, Pre-Calculus and Calculus. TI-83 Plus graphing calculators are used extensively in Hon I Algebra I classes. Calculator availability: Classroom sets of calculators are available for use by students, so purchase is not necessary.

Course of Study

The mathematics department offers college preparatory and honors level courses. Students who finish our college preparatory program are well prepared for college mathematics upon graduation. In addition, an enriching and challenging Honors Program is offered in Algebra I, Geometry, Algebra II, Pre-Calculus and AP® Calculus to qualified students.

Grade 9
Required
10 mods per week

<u>210 - ALGEBRA I</u>
211 - Honors 1
212 - Honors 2

This is a first-year course emphasizing the structure of algebra and computational problem-solving skills. Topics include linear equations and inequalities, functions and patterns, systems of open sentences, polynomials and factoring, rational expressions and equations, radical expressions and basic probability and statistics. Calculators are used to strengthen graphing skills.

Grade 9, 10, 11, 12
Required
10 mods per week

<u>220 - GEOMETRY</u>
221 - Honors 1
222 - Honors 2

The prime objectives of this course are to develop a better understanding of the nature of a mathematical system and an appreciation of the basic structure of geometry. Specific topics include: fundamentals of plane figures, parallel and perpendicular lines, congruent triangles, right triangles, quadrilaterals and their properties, similar polygons, circles, areas and volumes, and coordinate geometry.

Grade 10, 11, 12
Elective
10 mods per week

<u>230 - ALGEBRA II</u>

This is a second-year course which follows Algebra I. Topics included in the first-year course are expanded. Radicals, complex numbers, quadratic functions and equations, logarithms and the conic sections are developed.
Pre-requisite: Algebra I

Grade 10, 11, 12
Elective
10 mods per week

<u>231 - HONORS ALGEBRA II AND TRIGONOMETRY (ALGEBRA II, HONORS I)</u>

This is a rigorous second-year course which follows Honors Algebra I. Topics covered in Honors Algebra I are reviewed independently during the summer prior to this course. Topics included in the first-year course are expanded. The complex numbers, logarithms, sequences and series, conic sections, permutations, combinations are studied in depth. Trigonometric functions are introduced. Sophomores who enroll in this course take it with Honors Geometry. These courses will provide the basis for Honors Pre-Calculus in junior year and AP® Calculus in senior year.

Pre-requisite for current freshmen: Honors 1 Algebra I with a minimum of B+ average and department approval or Honors II Algebra I with a minimum of A average, successful completion of a qualifier and department approval.
For current sophomores: minimum of A average in previous Honors I Mathematics

classes; successful completion of a qualifier and department approval.

Grade 12
Elective
10 mods per week

240 - ALGEBRA III AND TRIGONOMETRY

This course is designed as a continuation of Algebra II. Topics include: radicals, complex numbers, logarithms and trigonometric functions. Significant time is devoted to SAT review.
Pre-requisite: Algebra II, with a minimum of C+ in previous math classes and successful completion of a qualifier and department approval.

Grade 11, 12
Elective
10 mods per week

PRE-CALCULUS
241 - Honors 1
242 - Honors 2

This course prepares the student for advanced studies in mathematics and science. Topics include functions and their graphs, polynomial and rational functions, exponential and logarithmic functions, trigonometric functions, trigonometric identities, law of sines and cosines, sequences, series and probability and analytic geometry. Extensive use of graphing calculators is required for this course. Calculators will be provided.
Pre-requisite for Honors I Pre-Calculus: a minimum of B in Honors I Algebra II
Pre-requisite for Honors 2 Pre-Calculus: A minimum of B+ in Algebra II and successful completion of qualifying test

Grade 12
Elective
10 mods per week

248 - AP® CALCULUS

The college-level course introduces some basic methods of proof to be used later in developing the mathematical foundations of analysis. Topics include functions and derivatives, applications of the derivative, integration, limits, the differential, graphs, the definite integral and applications of integration. Since there is extensive use of graphing calculators, TI-89 Titanium calculators are provided for this course.
Pre-requisite: At least a B in Honors I Pre-Calculus
A student is eligible to receive 4 college credits for this course through Project Acceleration, Seton Hall University for a fee of approximately $300 paid to Seton Hall University. College credit can also be obtained by taking the AP® Calculus Examination.

Grades 9, 10
cycle course

270 - EXPLORING ENGINEERING

This course is a project-based course in which students are introduced to the fundamentals of engineering with a great emphasis on collaboration and sharing of ideas. Students will learn basic themes in structural/mechanical engineering, 3D modeling, computer coding and electronics. This course focuses on programming and problem-solving as 21st century skills.

Grade 10
1 quarter
4 mods per week

275 - SAT PREPARATION COURSE

This course is designed to help students prepare for mathematics tests. The course will cover topics particular to SAT. There is also a general review of Algebra and Geometry, as well as test-taking skills.
Pre-requisite: Algebra I and Geometry
If students wish to take a more in-depth course, at times, an SAT Prep course

is available to students at Mother Seton Regional and given by an outside agency, sometimes at MSR.

Grade 9, 10
2 mods per week

916 - MATHEMATICS SKILLS

This is an enrichment course in computational skills to ensure strength in basic mathematical operations and their use in various problem situations.

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PHYSICAL EDUCATION/HEALTH/DRIVER EDUCATION THEORY

MISSION: The Health and Physical Education Department seeks to educate the student about the benefits of physical activity and optimal health behaviors including those which affect her body, mind and spirit and to encourage her to adopt positive health behaviors to promote her well-being.

OBJECTIVES: The Physical Education program is designed to:

- provide students with an opportunity to develop cardiovascular, strength and flexibility conditioning;
- provide all students with an opportunity to acquire skills in sports for recreation, intramural and lifetime activities;
- assist students in developing the skills and knowledge necessary for maintaining good personal fitness habits and healthy lifestyles;
- provide students with opportunities that promote the practice of desirable social behaviors.

Grades 9, 10,
11, 12

PHYSICAL EDUCATION
810 - Physical Education
820 - Physical Education
830 - Physical Education
840 - Physical Education

This course is set up for the four years the student will be at Mother Seton. During this time, the basic objective is to develop the student physically, emotionally and socially through a wide variety of activities including weekly use of the fitness room. A secondary objective is to provide the student with some knowledge of life-time sports and fitness activities so that she will be able to make worthwhile use of leisure time in later life.

The activities offered are seasonal:

FALL: Soccer, Volleyball, Flag Football, Tennis, walking and physical fitness testing
WINTER: Basketball, Dancing, Yoga, Floor Hockey, Badminton and physical fitness testing
SPRING: Softball, Tennis, running, Frisbee and physical fitness testing
ALL SEASONS: Zumba, Tae Bo and Just Dance

Grade 10
1 semester

860 - DRIVER EDUCATION THEORY

This comprehensive thirty-hour classroom lecture series is designed to instill in each student a consciousness of the Highway Transportation System which includes roadway users, vehicles and roadway conditions. It prepares the student to pass the

required written test prior to receiving a state driver's license.

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An interscholastic athletic program is offered on a Varsity level in Basketball, Bowling, Cross Country, Golf, Soccer, Softball, spring Track & Field, Winter Track, Swimming, Tennis and Volleyball. A Junior Varsity program is offered in Basketball and Volleyball.

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HEALTH EDUCATION

OBJECTIVES: The Health Education program is designed to:

- assist students in developing the skills and knowledge necessary for making positive choices that affect their mid and body;
- provide students with opportunities that promote the practice of desirable social activities.

Grade 9
Required
1 semester

850 - HEALTH I

This course introduces the student to general health areas including physical, social, mental, emotional, spiritual and environmental components of health. Stress, depression, teen suicide, male-female reproductive systems, personality, self-esteem, decision-making and nutrition are discussed.

Grade 11
Required
1 semester

870 - HEALTH II

This course provides detailed discussions on the use and abuse of drugs, alcohol and tobacco. It introduces the student to the study of communicable and non-communicable diseases and discusses prevention and positive choices to live a healthy lifestyle. This course is designed for students to be able to be CPR and AED certified.

Grade 12
Required
1 semester

880 - FAMILY LIFE

This course is designed to be a practical family living course offered to the older student. Family Life concerns itself with the roles, rights, responsibilities and interests of family members and provides detailed discussions on the changes that occur during adolescence through adulthood. It introduces students to reproductive health. Positive life choices are discussed as they relate to the six components of health.

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RELATED ARTS

MISSION: To enrich and broaden our students' knowledge in the four disciplines offered within the school's program, which includes:

- visual arts
- family and consumer science
- technology competence
- appreciation of the performing arts

This mission promotes an appreciation for art as a means of self-expression, the practice of the fundamentals of a healthy lifestyle and the ability to achieve in a highly technical

and competitive society.

OBJECTIVES: The Related Arts Department seeks to develop in each student the ability to:

- explore the many career opportunities available in visual arts, family and consumer science, business and technology and theater and the performing arts;
- promote ethical and responsible research on the Internet;
- explore the elements of art and the principles of design;
- increase aesthetic awareness and critical decision-making;
- be prepared for academic/collegiate activities through the acquisition of technology skills;
- develop life skills which will enable them to face life experiences with confidence.

ART

All students take cycle classes in Art during freshman and sophomore year. Students can take an art elective beginning in sophomore year. If they are interested in pursuing a career in the art field, they are encouraged to enroll in all art electives.

Every course provides students with the opportunity to learn about the life and works of the great masters through the study of Art History. In the elective courses, students write research papers and create projects based on the various movements that have shaped the Art world as they explore the works of contemporary artists.

FRESHMAN/SOPHOMORE CYCLE ART CLASSES

The cycle art classes, which give all students their first experience in the visual arts at high school level, have helped make Art a strong element in the total educational program offered at Mother Seton. Because of the introductory nature of these courses, students acquire confidence in their artistic ability as they work with a variety of media, tools and techniques.

Grade 9
cycle course
4 mods per week
1 quarter

710 - ART Cycle 9

Students are introduced to the elements of art such as line, shape, color, value, form, texture and space. Through projects utilizing different media including oil pastels and markers, the student learns to recognize and use the seven elements. Various techniques are also explored such as Pointillism and transfer monotypes. The course focuses on Art History, incorporating a lesson based on the works of master artist Georges Seurat.

Grade 10
cycle course
5 mods per week
1 quarter

720 - ART - Cycle 10

The skills and knowledge acquired in Freshman Art are emphasized through drawing as a foundation. The elements in art are seen again as the basic of all artwork. The student experiences various media such as pencil and watercolors with an emphasis on shading techniques. Projects include a shaded still life and a watercolor landscape.

Grades 10, 11, 12
Elective
10-11 mods per week
First semester

733 - BASIC DESIGN

Building on the fundamental concepts introduced during cycle courses, Basic Design emphasizes the elements of art such as line shape and color as well as the principles of design. Projects include collages, "stained glass", cutouts, abstractions and optical illusions. Students learn about the life and works of Henri Matisse and Bridget Riley and the history of stained glass windows.

Grades 10, 11, 12
Elective
10-11 mods per week
Second semester

734 - 3-D DESIGN

This course is an extension of Basic Design with a three-dimensional twist. Students develop the ability to think abstractly by the use of visualization, and are also able to explain the concept of spatial relationships. They are able to enforce the application and use of the elements of art and the principles of design while working with a variety of media. Projects include wire sculptures, roller coaster models, assemblages and futuristic constructions.

Grades 11, 12
Elective
10 mods per week
First semester

735 - DRAWING I

Drawing is the basic language of Art. Drawing I includes the use of still-life models and natural objects. Special attention is given to the analysis of form, line, value, perspective and to the development of fundamental skills based on sound drawing principles. This course enables art students to draw realistically and convincingly. Media includes charcoal, pastels, pen and ink, pencil and watercolors.

Grade 12
Elective
10 mods per week
First semester

736 - DRAWING II (Independent Study)

Students who plan to continue their art education after graduation will find this an excellent course for portfolio preparation. In Drawing II, the student builds on learned skills through independent study. We will also examine the works of the great masters and various art movements.

Grades 11, 12
Elective
10 mods per week
Second semester

737 - GRAPHIC DESIGN

This course is an introduction to visual communication. Rough drafts, layouts, typography, lettering and computer design using graphic programs are some of the techniques explored. Projects include logos, stationery sets, magazine ads, posters, packaging and CD covers. Students also learn about careers related to the graphics field such as the ins and outs of an advertising agency and the printing industry.

Grades 11, 12
Elective
10 mods per week
First Semester

739 - CERAMICS

It is not enough for a piece to be merely useful. It should be satisfying to both sight and touch. Working with soft earthenware clay, students will form a variety of sculptural objects and pottery. Basic techniques of pinch pottery, slab construction, coil pottery and surface embellishment will be examined. Each student will also get the opportunity to experience the potter's wheel.

Grades 11, 12
Elective
10 mods per week
Second semester

745 - PAINTING I

Painting provides students with an opportunity to react emotionally and intellectually to feelings, life experiences and the environment. Fundamentals of visual awareness and perception, color use and composition as well as the traditional technique of painting are part of this course. Acrylic is used as a medium. Selected European and American painters are discussed. Students also learn to stretch their own canvas. Paintings may be still life, portraits, landscapes and abstractions.

Grade 12 — 746 - PAINTING II (Independent Study)
10 mods per week
Second semester

This course will explore various techniques in painting through an independent study of contemporary artists, building on the skills learned in Painting I.

NOTE: Drawing/Painting and Ceramics/Graphic Design alternate every other year.

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FAMILY AND CONSUMER SCIENCE

Grade 9 — 770 - PERSONAL DEVELOPMENT CYCLE
2 mods
1 quarter

This course encourages the student to recognize the personal traits and skills that contribute to her uniqueness. By identifying her positive role-models, evaluating what is important in her life and defining a value system, the student is encouraged to work towards a positive self-image.

Grade 10 — 773 - FAMILY AND CONSUMER SCIENCE CYCLE
5 mods
1 quarter

This course introduces students to Food and Nutrition through the preparation of assorted recipes selected to familiarize the student with organizational procedures, basic food preparation techniques and food service. Kitchen safety and food sanitation are stressed. Basic nutrition is introduced to help foster healthy food choices. Measuring techniques, recipe terms, abbreviations and equivalents are also introduced. Table manners and food etiquette are reviewed. In the Clothing Lab, students will learn to operate the sewing machine while constructing a beginner's sewing project.

Grades, 10, 11, 12 — 775-1 - CULINARY ARTS
Elective
10-11 mods per week
First semester

This semester course will introduce the student to safety and sanitation practices in the kitchen, measuring basics, food preparation skills, cooking techniques, microwave cooking and organizational and time-management skills. The study of basic nutrition will help foster healthy eating habits. Our diversity will be explored through the sharing of ethnic dishes and the compilation of a class cookbook.

Grades 10, 11, 12 — 775-2 - SEWING
Elective
10-11 mods per week
Second semester

This semester course will introduce the student to the operation of the sewing machine, pattern usage, hand stitching, sewing safety and time-management skills. The student will develop clothing construction skills through the completion of assigned sewing projects.

Grades 11, 12 — 780 - NUTRITION AND WELLNESS
Elective
10 mods per week
First semester

This semester course will introduce the student to nutrition, enable the student to recognize healthy eating habits and apply this knowledge to her daily food choices. Each student will complete a personal food diary and list the changes required to meet the "Dietary Guidelines for Americans."

Grades 11, 12
Elective
10 mods per week
Second semester

785 - CHILD CARE AND DEVELOPMENT

This one-semester course encourages an understanding of the principles of child growth and development. All aspects of children's physical, intellectual, emotional, social and moral development are explored. Students will define the role of the care giver and the responsibilities of effective parenting. Students are taught that caring for children is a rewarding occupation and a significant contribution to our society.

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BUSINESS/TECHNOLOGY

Grade 9
Cycle Course
4 mods per week
One quarter

610 - TECHNOLOGY

This course will introduce the students to essential computer concepts. Topics covered include:

- the operation and control of a windows environment;
- introduction to and practice with the various types of software available at MSRHS;
- basic document creation, printing and saving techniques, gaining access and use of the Internet, Internet safety and best practices;
- file management;
- working with Excel and various presentation software.
- coding and video game design.

Grades 10, 11, 12
Elective
10 mods per week

633 - PERSONAL FINANCE USING TECHNOLOGY

Personal Finance is a course designed to help students develop personal financial management skills while traveling on an exciting journey through the world of banking, investments and finance using a text as well as online experiences. The course will present the practical aspect of banking including opening and managing a checking account, planning a budget, understanding ATM cards and lines of credit. Tax for teens and learning about the stock market as a way to invest for their future are among other topics explored. Software used in this course includes MS Word, PowerPoint and Excel.

Grades 10, 11, 12
Elective
8-10 mods per week

635 - AUTOMATED ACCOUNTING I

Accounting I is an introduction to the fundamental principles of accounting through the complete accounting cycle including journalizing, posting, taking a trial balance, preparing the worksheet and financial statements for a sole proprietorship, partnership and corporation. Hands-on computerized accounting is an integral component of this course.

Grades 11, 12
Elective
10 mods per week

643 - COMPUTER APPLICATIONS

Computer Applications is divided into four segments which include advanced word processing, database, spreadsheets and presentation graphics through Microsoft Office. The course is designed to serve both the needs of students who will complete only an introductory course as well as those who will go on to take subsequent computer courses in college.

Grade 12
Elective
8-10 mods per week

645 - AUTOMATED ACCOUNTING II

Accounting II is an advanced course which provides the student with the necessary knowledge and skills needed for an accounting position following high school graduation as well as serving those students who desire advanced preparation for the field of accounting in college.
Pre-requisite: Automated Accounting I

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MUSIC

Grade 9
4 mods
1 quarter

793 - INTRODUCTION TO MUSIC I

This course is intended for students to develop a better theoretical and practical understanding of how music works. Students will be introduced to a new way of listening and thinking about music through knowledge of musical elements, form and genres. With the use of listening to examples and participating in group exercises, students will learn the basics of musical instruments, rhythm, musical notation, major and minor scale formulation, chord construction and basic piano playing.

Grade 10
4 mods
1 quarter

794 - INTRODUCTION TO MUSIC II

This course is a continuation of Introduction of Music I. Music students will develop a more in-depth knowledge of music through the investigation of basic music theory. Interval training and Solfrege (do, re, me...) will be covered for the beginnings of sight singing/ear training. Students will also use a cappella and mashups to understand layering of music as well as key signatures.

Grades 11, 12
Elective
8-10 mods per week
1 semester

795 - MUSICAL THEATER

This course will examine the history and performance of musical theater. The course deals with the exploration and study of musical theater performers, literature and history through video and recordings and preparation of musical theater repertoire for students interested in performing. No previous singing or acting experience is necessary.

Grades 11, 12
Elective
8-10 mods per week
1 semester

797 - MUSIC THEORY FUNDAMENTALS

This course studies the fundamentals of music theory including notation, scale construction, intervals, chords, meter, etc. with emphasis on learning and developing music reading, composition and analysis skills. Students also learn some basics of sight singing and ear training.

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SCIENCE

MISSION: The Science Department offers a varied course of study in the physical and biological sciences. The department enables the students to develop knowledge and competency in different scientific fields. In addition, students are inspired to become good stewards of the environment.

OBJECTIVES: The Science Department seeks to challenge each student to:

- understand the nature of scientific inquiry;
- understand the differences between hypotheses, theories and scientific facts;
- think critically, questions, analyze, problem-solve and exercise decision-making skills involving natural phenomenon;
- appreciate the diversity and complexity of the natural world;
- be aware of and practice lab safety;
- use a variety of measurement tools and methods to find, obtain and process qualitative and quantitative data;
- improve communication skills through written lab reports, journals and oral presentations;
- have an awareness of the cultural and social forces that have shaped the history of science and the future of the natural world;
- make a connection to science concepts with the use of modern technology;
- question and analyze technological impacts on science;
- use mathematical tools required for science classes;
- become familiar with careers in various science disciplines.

HONORS PROGRAM An enriching and challenging Honors Program is offered in the following course areas to students who qualify: Biology, Chemistry, Anatomy & Physiology, Physics AP®, Engineering Design, Biology AP®, Chemistry AP®, Physics AP®

Grade 9
Required
12 mods per week
includes 4-mod lab

<u>320 - BIOLOGY</u>
321 - Honors 1
322 - Honors 2

This biology course is designed to introduce students to the basic fundamentals of biology. The study of the living world will include microscopic organisms, fungi, plants and photosynthesis, animals, invertebrates and vertebrates, biochemistry, molecular chemistry, cells, mitosis and meiosis, classification of organisms, genetics, the study of the environment as well as science career options. Students will learn about biological principles and concepts as they apply to life at all levels of organization. All instructional activities will be implemented using the scientific method of inquiry and the practice of safe and proper lab procedures. Modalities for learning will include inquiry lab exercises, hands-on activities, mini-lectures, videos, Internet access, current events, group work and research projects.

Grade 10
Required
12 mods per week
includes 4-mod lab

<u>330 - CHEMISTRY</u>
331 - Honors 1
332 - Honors 2

This chemistry course includes the qualitative aspects of the main concepts and principles of chemistry. Quantitative reasoning skills are developed through problem-solving exercises and laboratory experimentation. Topics include principles of measurement, properties of matter, nomenclature, chemical reactions, stoichiometry, atomic structure, the periodic table, chemical bonding, kinetic molecular theory, solutions, acids/bases, thermodynamics, reaction rates, nuclear chemistry, electrochemistry and organic chemistry.
Pre-requisite: Biology, Algebra I

Grades 11, 12
Elective
12 mods per week
includes 4-mod lab

340 - CHEMISTRY AP®

This college-level course includes an in-depth study of matter, atomic theory, chemical bonding theory, molecular geometry, kinetics, thermodynamics, chemical equilibriums, electrochemistry, organic chemistry and qualitative analysis. The concepts are developed through discussion, extensive problem-solving exercises and lab experiments.
Pre-requisite: Honors Chemistry; concurrent Pre-Calculus with a minimum grade of B or better in Honors Math and Honors Science classes and/or approval of the Science Department. Students must also pass a qualifying exam.

Grades 11, 12
Elective
12 mods per week
includes 4-mod lab

342 - ANATOMY & PHYSIOLOGY - Honors II
343 - ANATOMY & PHYSIOLOGY - Honors I

This college-level course is an in-depth study of the human body's structure and functions. Topics include organization of the body, characteristics of life, anatomical terminology, how the body maintains homeostasis, the relationship of chemistry to anatomy and physiology and cell function and division. All of the body's systems are examined as well as several diseases and disorders. The concepts are investigated through an integrated approach to problem-solving, lectures, class discussion, lab exercises, comparison dissections, group activities, research projects and field trips.

Pre-requisite for Honors II: Biology I and Chemistry I with a minimum grade of B in all preceding science courses and/or approval of the Science Department. Students must also pass a qualifying exam.

Pre-requisite for Honors I: Honors Biology I and Honors Chemistry I with a minimum grade of B in all preceding science courses and/or approval of the Science Department. Students must also pass a qualifying exam.

Grades 11, 12
Elective
12 mods per week
includes 4-mod lab

345 - BIOLOGY AP®

This course is a challenging one-year lab science course incorporating the revised *AP Biology: Curriculum Framework.* Biology AP® is designed to be the equivalent of a two-semester college biology course usually taken by biology majors during their freshman year. This is an elective science course for students who are highly motivated and have a strong interest in life sciences. This course is fast-paced, intensive and requires more independent study than the standard college prep courses. Through an integrated approach to problem-solving, lectures, class discussion, lab exercises, group activities and research projects, the curriculum will cover an in-depth understanding of the foundations of life. Topics covered will be molecular and biochemical pathways, energy transformation, cellular processes, genetics, heredity, evolution, taxonomy, diversity of life, ecology, botany, population studies and some anatomy and physiology of living organisms.

Grade 12
Elective
12 mods per week
includes 4-mod lab

351 - PHYSICS AP®

This college-level course is intended to provide a rigorous introductory algebra-based college course in Physics that includes a laboratory component. Topics include both classic and modern physics. Inquiry is essential to the course as is the integration of

technology. Conceptual, "real-life" examples and demonstrations are used to introduce the chapters. Students are stimulated to think and encouraged to observe examples of physics in everyday life. Applications to other fields are discussed.
Pre-requisite: Two years of Honors Science and completion or concurrent Pre-Calculus

Grade 12
Elective
12 mods per week
includes 4-mod lab

352 - PHYSICS Honors II

This course is a theoretical and mathematical approach to the science of matter and energy. It involves the discussion of the laws and principles of Physics in the classroom and is supplemented by the practical application of these laws and principles during laboratory periods. Emphasis is placed on basic physical ideas and how they appear in the world.
Pre-requisite: Chemistry, Pre-Calculus (may be taken concurrently), minimum grade of B in all preceding Math and Science courses and/or approval of the Science Department. Students must also pass a qualifier exam which is given by the Mathematics Department.

Grades 11, 12
Elective
12 mods per week
includes 4-mod lab

353 - CONCEPTUAL PHYSICS

This course is a conceptual approach to learning Physics. It engages students with analogies from real-world situations to build a strong understanding of physical principles. The course is supplemented by the practical application of these principles during laboratory period.
Pre-requisite: Chemistry and Algebra II (may be taken concurrently)

Grades 9, 10, 11, 12
Elective
2 mods per week

361 - DIRECTED STUDY IN BIOLOGY
362 - DIRECTED STUDY IN BIOLOGY II
363 - DIRECTED STUDY IN CHEMISTRY I
364 - DIRECTED STUDY IN CHEMISTRY II
365 - DIRECTED STUDY IN PHYSICS I
360 - DIRECTED STUDY IN PHYSICS II

Students in these courses are selected to participate in the New Jersey Science League competitive tests. The selection of students is based on excellence during the first marking period of the particular subject. To prepare for these tests, the students spend 2 mods per week studying selected topics with their teachers. Upon successful completion, the student earns one (1) academic credit.

Grades 11, 12
Elective
8-10-mods per week

366 - INTEGRATED SCIENCE AND TECHNOLOGY

This is a comprehensive science and technology course intended for students who are choosing a major other than Mathematics or Science in college. this course will integrate technology into such topics as astronomy, environmental sciences, earth sciences, etc. There will be laboratory activities, research projects and oral presentations all during class time. Current science news and events in science will also be discussed.
Pre-requisite: Biology and Chemistry

Grades 11, 12 367 - ENGINEERING DESIGN Honors
Elective
10-12 mods per week
includes 4-mod lab This course is a hands-on inquiry and investigation project-based curriculum with a strong focus on creativity and collaboration. Students will be empowered to develop the 21st century skills necessary for the engineering design process. Students will have the opportunity to combine their existing science and mathematics skills with enhanced analytical, creative and problem-solving skills that can be adapted to a rapidly changing world. Students will collaborate to create, design and innovate real world challenges and solutions. Students will gain confidence in themselves as valued contributors in a group, as well as seeing themselves as global thinkers who can manage and improve their world.
Pre-requisite: This course can be taken concurrently with any junior or senior level elective science, concurrent or completed Algebra 2, completed Biology and Chemistry and final approval by the Science Department.

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SOCIAL STUDIES

MISSION: The Social Studies Department seeks to instill in students a love of history, respect for other cultures and appreciation for the people and events of the past. Through our Social Studies courses, students gain respect for each other, acquire global awareness and learn to be responsible citizens.

OBJECTIVES: The Social Studies Department challenges each student to:

- understand the responsibilities of US citizenship and our role in the global community;
- identify key dates, events and leaders in world and United States history;
- develop lifelong learners with the ability to bridge the gap between cultures and behavior;
- solve problems and analyze events of the past and apply this ability to modern-day issues;
- judge primary and secondary sources in terms of bias, relevance and accuracy when completing homework, class work, projects, formal assessments, research papers and essay writing;
- understand the ways in which global and current events affect our lives;
- understand the impact of geography on cultures and civilizations and identify modern geographical features and political boundaries in the world;
- understand the basis of different political systems and forms of government throughout the world; understand the relationship of economics on political, social and historical events.

HONORS
PROGRAM An enriching and challenging Honors Program is offered in the following course areas for those students who qualify: World History, United States History I and II.

Grade 9 410 - WORLD HISTORY - College Prep
Required
10 mods per week This one-year course for freshmen explores the history of human development from prehistoric times to the Renaissance. Beginning with the earliest humans and river valley civilizations, the course traces the history of Europe through Greece, Rome, Medieval Times and the Renaissance. Also explored are the history and cultures that flourished outside Europe, including Africa, the Americas, the Muslim World, India, China and the Byzantine and Mongol Empires. Map skills and geography are emphasized throughout this course.

Grade 9
Required
10 mods per week

411 - WORLD HISTORY - Honors I
412 - WORLD HISTORY - Honors II

This one-year course for freshmen explores the history of human development from prehistoric times to the French Revolution and the Age of Napoleon. Beginning with the earliest humans and river valley civilizations, the course traces the history of Europe through Greece, Rome, Medieval Times, the Renaissance and the age of absolute monarchs. Also explored are the history and cultures that flourished outside Europe, including Africa, the Muslim World, India, China and the Byzantine, Russian and Mongol Empires. Map skills and geography are emphasized throughout this course. Current Events is an integral part of this course.

The course curriculum for Honors I and Honors II are the same; however, the Honors I class is challenged by more rigorous assessments and assignments.

Grade 11
Required
10 mods per week

430 - UNITED STATES HISTORY I - College Prep

This one-year course for juniors surveys American History beginning with the development of colonial societies. The roots of the American Revolution are explored, followed by a brief study of the US Constitution. The growth of the United States as a nation is traced, including Jeffersonian and Jacksonian Democracy, the development of democratic capitalism, sectionalism, slavery and the Civil War, Reconstruction, the development of the West and the beginnings of the industrial age.

Grade 11
Required
10 mods per week

431 - UNITED STATES HISTORY I - Honors I

This one-year course for juniors surveys American History beginning with the Age of Exploration and the Columbian Exchange. The development of colonial societies and the roots of the American Revolution are explored, followed by a brief study of the US Constitution. The growth of the United States as a nation is traced, including Jeffersonian and Jacksonian Democracy, the development of democratic capitalism, sectionalism, slavery and the Civil War and Reconstruction. Current Events is also an integral part of this course. Emphasis will be placed upon critical analysis essay writing as well as writing for Document Based Questions.
Pre-requisite: Minimum grade of B in all previous Social Studies courses and/or approval of the Social Studies Department.

Grade 11
Required
10 mods per week

432 - UNITED STATES HISTORY I - Honors II

This one-year course for juniors surveys American History beginning with the Age of Exploration and the Columbian Exchange. The development of colonial societies and the roots of the American Revolution are explored, followed by a brief study of the US Constitution. The growth of the United States as a nation is traced, including Jeffersonian and Jacksonian Democracy, the development of democratic capitalism, sectionalism, slavery and the Civil War, Reconstruction, the development of the West and the beginnings of the industrial age. Current Events is also an integral part of this course.

Grade 12
Required
10 mods per week

440 - UNITED STATES HISTORY II - College Prep

This is a one-year course for seniors that traces the development of the United States from the late 1800s through the 21st century. Emphasis is placed on topics that include industrialization and the urban development, immigration, Progressivism, foreign affairs, World Wars I and II, the Great Depression, the Cold War as well as

the social, political and cultural dimensions that shaped our country's history through each decade.

Grade 12
Required
10 mods per week

441 - UNITED STATES HISTORY II AP®

This is a one-year course for seniors that traces the development of the United States from the development of the West and the beginnings of the industrial age through the 21st century. Emphasis is placed on topics that include industrialization and urban development, immigration, Progressivism, foreign affairs, World Wars I and II, the Great Depression, the Cold War, civil rights, Viet Nam as well as the social, political and cultural dimensions that shaped our country's history through each decade. Current Events is also an integral part of this course. Emphasis will be placed upon critical analysis essay writing as well as writing for Document Based Questions. Pre-requisite: Minimum grade of B+ in all previous Social Studies courses and/or approval of the Social Studies Department; students must also pass a qualifying examination prior to registration.

Grade 12
Required
10 mods per week

442 - UNITED STATES HISTORY II Honors II

This is a one-year course for seniors that traces the development of the United States from the late 1800s through the 21st century. Emphasis is placed on topics that include industrialization and urban development, immigration, Progressivism, foreign affairs, World Wars I and II, the Great Depression, the Cold War, civil rights, Viet Nam as well as the social, political and cultural dimensions that shaped our country's history through each decade. Current Events may at times be an integral part of this course.

Grades 10, 11, 12
Elective
8-10 mods per week

453 - EVERYDAY LAW

This course introduces the student to aspects of that law that is of practical use in everyday life. While analyzing various aspects of the legal field, attention is given to the development of critical thinking and problem-solving skills. Emphasis is placed on sample cases, individual rights and responsibilities and court actions.

Grades 10, 11, 12
Elective
9-10 mods per week

454 - EXPLORING AMERICA'S DIVERSITY

During the course, students will pursue an intellectual and historical study of America's people. The course will focus on the history, culture and diversity of the American population. Emphasis will be placed on the following groups: Native Americans, European immigrants, African Americans, Hispanics, Asians and other current immigrant groups coming to America's shores. Students will read a minimum of four historical nonfiction and fiction novels.

Grades 11, 12
Elective
8-10 mods per week

455 - PSYCHOLOGY

This course examines the behavior of humans from the viewpoint of the behavioral sciences. Emphasis is placed on an introduction to the field of Psychology. Course content includes practical applications useful in everyday situations.

Grades 10, 11, 12
Elective
8-10 mods per week

457 - SOCIOLOGY

This course is an analysis of social organizations, culture and personality in American society, development of dominant American values, the major social institutions - religious, family, political, educational, social movements, minorities and discrimination

and poverty. Attention will be given to the influence and impact of the role of women in each of these topics.

Grades 10, 11, 12
Elective
8-10 mods per week

459 - MODERN EUROPEAN HISTORY

This one-semester course is a survey of the historical development of the nations of Europe from the Renaissance to the 19th century. Areas of emphasis include the opulent age of King Louis XIV of France, the French and English Revolutions, the Era of Napoleon and the Rise of Modern Russia. Students will gain an understanding of the various rivalries, economic, social and political forces that influenced the development of modern Europe.

Grades 10, 11, 12
Elective
8-10 mods per week

460 - GEOGRAPHY

During this one-semester course, students will explore the physical and cultural features of various nations and regions of the world. Geography skills will be enhanced through map and atlas activities. The study of each region will be supplemented with visual

materials, including pictures, videos and slides which will enable students to experience the sights and sounds of many distant lands.

Grade 10
Elective
4-6 mods per week

461 - TOPICS IN SOCIAL STUDIES

This course is offered on the Grade 10 level as a continuation of the Social Studies Program. A topical approach is used and is designed to enhance the student's knowledge of various aspects of social studies. Course topics may include the government and its functions. New Jersey studies, comparative governments, taxes, immigration, historical figures and current events.

Grades 11, 12
Elective
8-10 mods per week

462 - ECONOMICS: THE AMERICAN ECONOMIC SYSTEM

The goal of this elective course is for students to demonstrate a working knowledge of basic economic concepts. Students will study the economic system of the United States and see how it operates. They will also explore the roles of various economic concept, such as *Microeconomics & Macroeconomics* and how they impact the economy of the United States and the global economic community.

Students will examine their roles as consumer, worker, investor and voting citizen. Topics of discussion will include the stock market, comparative economic systems, personal finance and the impact of political and social policies on the economy.

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WORLD LANGUAGUES

MISSION: The World Languages Department at Mother Seton Regional High School seeks to inspire students to develop their literacy skills of writing, reading, speaking and listening in the Spanish, French or Latin language, specifically, vis-à-vis cooperative learning, interactive activities, technology and authentic learning exercises in the target language. Additionally, the MSRHS World Languages Department seeks to have students achieve fluency in the target language but, ultimately, to have students love the learning experience they gain along the journey of the instruction in their respective world language.

OBJECTIVES: The major goals of the World Languages Department are to enable students to:

- increase the literacy skills of reading, writing, listening and speaking in the target language so that each student can communicate in Spanish, French or Latin;
- develop a comprehensive understanding of the culture and history of the country where the language is spoken;
- integrate effectively the use of technology, i.e. the Internet and software programs, so as to enhance learning and, in due course, to simulate a genuine Spanish, French or Latin environment vis-à-vis authentic learning activities in the respective target language;
- achieve fluency in Spanish or French over four years of study in the respective language. Students admitted to the Advanced Placement courses strive to achieve success in the AP® course and in its accompanying exam;
- perform successfully in state-wide foreign language competitions

Grade 9
Elective
8-10 mods per week

510 FRENCH I
512 - Honors

The course in French I emphasizes the ability to communicate in and to understand the spoken and written language within the limits of the pupils' maturity and real-life experiences. Students are encouraged to develop mastery of the basis elements of French grammar and vocabulary; an awareness of the influence of France's history on its own people and on other nations; an esteem for its contribution to the world in the fields of science, music, art and literature; an acquaintance with other Francophone nations and their cultures. An interactive and communicative approach is used throughout all phases of the course.

Grade 10
Elective
8-10 mods per week

520 - FRENCH II
521 - Honors

French II emphasizes increased conversational fluency in real-life situations; greater facility in comprehending the spoke word; moderate ease in reading for enjoyment and for practical purposes; ability to express thoughts in writing within the limits of the pupils' experience; wider mastery of the basic principles of the French language; and an appreciation of the Francophone people and their contributions to civilization. The interactive and communicative approach continues to be utilized.
Pre-requisite: French I

Grade 11, 12
Elective
8-10 mods per week

531 FRENCH III Honors

French III consists of a review of the grammar already learned and of an introduction to the more advanced grammatical forms and tenses. Conversational fluency continues to be stressed. Emphasis is placed on broadening the students' understanding of French civilization, ensuring a wide vocabulary of general usefulness and further increasing proficiency in the four basic language skills. An emphasis is also placed on understanding selected topics from French literature and on the contributions that French authors have made to the literary world. The interactive and communicative approach continues to be used.
Pre-requisite: Successful completion of French II with a minimum grade of B and approval of the World Languages Department. A passing grade of C+ is also required on a qualifying test.

Grade 12
Elective
8-10 mods per week

548 - FRENCH LANGUAGE AND CULTURE AP®

The aim of this fourth level of French is to increase the knowledge of France and other areas of the French-speaking world and its people. A concentrated effort is made to develop at the same time the students' listening, speaking, reading and writing skills in the French language. Through a study which encompasses the entire panorama of Francophone development including renowned French literary works, the student learns the connection between historical and cultural events and to communicate personal ideas in discussion and in writing. Please note that new guidelines and mandates by the College AP® Board require rigorous and strict adherence to a third year college-level French curriculum.
Pre-requisite: Successful completion of French III Honors with a minimum grade of B+, approval of the World Languages Department and successful completion of a qualifier with a minimum grade of B.

Students in the AP® French 4 course will be encouraged and expected to take the Advanced Placement exam in May.

Grades 9, 10, 11, 12
Elective

550 - LATIN I PART I (Regular)
552 - Seton Scholars

Latin I is a language skills course. The course presents the basic forms, vocabulary and grammar through extensive oral and written drills. Emphasis is placed on noun and verb endings and correct sentence structure. The influence of Latin on English and the Romance languages is studied. Latin's use as a tool for understanding and improving English and Romance language vocabulary skills is taught. Latin passages which discuss Roman life are translated into English. Interactive activities demonstrate the application of the ancient Latin language to modern-day life. This course is a requirement of the Seton Scholar Program on the freshman level.

Grades 10, 11, 12
Elective
8-10-mods per week
One semester

551 - LATIN I - PART II

This course is a continuation of Latin I. Further development of grammatical structure of the language is presented. Emphasis is on increasing vocabulary and translation skills, with some study of the Roman heritage in western civilization.

Grade 9
Elective
8-10 mods per week

560 - SPANISH I
561 - Honors

Spanish I consists of a study of the basic elements of the Spanish language with an emphasis on the introduction of basic pronunciation, grammar and vocabulary. The basics of reading and communication are also introduced through oral and written exercises. An introduction to the culture and cultural achievements of the Spanish speaking peoples is presented. An interactive and communicative approach is utilized.

Grade 10
Elective
8-10 mods per week

570 - SPANISH II
571 - Honors

Spanish II presents, on a more advanced level, a continuation of grammar, vocabulary, conversation and reading. Emphasis is on self-expression and on written composition. The interactive approach continues to be used.
Pre-requisite: Spanish I

Grade 11 — 580 - SPANISH III
Elective — 581 - Honors
8-10 mods per week

Spanish III is intended as a course for students wishing to further basic skills learned in Spanish I and II. Advanced grammar and conversation are presented through literary selections of representative authors of Spain the Latin America. Opportunity for self-expression in speaking and writing and review materials are presented in accordance with students' needs.
Pre-requisite: Successful completion of Spanish II with a minimum grade of B and/or approval of the World Languages Department. A passing grade of C+ is also required on a qualifying test.

Grade 12 — 598 - SPANISH IV AP®
Elective
8-10 mods per week

AP® Spanish IV is designed for students who desire to pursue advanced studies. The course encompasses a survey of Spanish literature and culture from the pre-historic era up to the present day. Increasing emphasis is placed on a mastery of all language skills, oral and written, and on practical application of acquired skills. Spanish novels and poetry are read and studied. Please note that new guidelines and mandates by the AP® College Board require strict and rigorous adherence to a third year college-level Spanish curriculum.
Pre-requisite: Successful completion of Spanish III with a minimum grade of B+ and/or approval of the World Languages Department and successful completion of a qualifier with a minimum grade of B. Students in the AP® Spanish IV course will be encouraged and expected to take the AP® exam in May.

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CYCLE COURSES

Grades 9, 10

These courses are planned at the discretion of administration with the recommendations of various departments.

915 - STUDY SKILLS

Grade 9
1-2 mods per week

Study Skills is a course that helps prepare each student for academic achievement. The students are taught how to plan, schedule and complete the many obligations of a high school student. Topics covered include time management, organization, listening, memorization, critical thinking, communication, decision-making and Internet safety. Setting realistic goals and stress management are also emphasized.

950 - LIBRARY SCIENCE

This course introduces the student to the library and its resources, serving as an orientation to the efficient use of the library. Students will learn basic library skills by engaging in practice activities involving the use of the card catalog, reference materials, periodicals, indexes as well as computer resources.

710 - ART 9

See Art Department Description.

270 - MATHEMATICS SKILLS

See Mathematics Department Description.

770 - PERSONAL DEVELOPMENT

See Family and Consumer Science Department Description.

610 - TECHNOLOGY I

See Business/Technology Department Description.

115 - WRITING SKILLS

See English Department Description.

720 - ART 10

See Art Department Description.

773 - FAMILY AND CONSUMER SCIENCE

See Family and Consumer Science Department Description.

793 - INTRODUCTION TO MUSIC I 9

See Music Department Description.

794 - INTRODUCTION TO MUSIC II 10

See Music Department Description.

Clubs 2015-2016

In order to enrich the curriculum, time is provided for participation in activities which include a wide variety of interests and hobbies. With a view to educate the students in the proper use of leisure time, the following clubs are offered and are updated each fall according to faculty and student interest/expertise:

THURSDAY I CLUBS MEET IN:

Acrylic Painting I 118
Astronomy I.....134
Chess I.....132
Crochet for Beginners I .....Library
Digital Photography.....216
Driftwood I.....238
Finding God Through Classic Films I 203
Gospel Choir I 218
Law & Order I.....131
Le Cercle Français.....201
MSR is Green I 109
Puzzlemania I 112
Seton Ensemble..... Gym
Seton Outreach I.....217
Seton Spirit 225
Setonaire I.....241
Sojourn 216
Spanish Games and Film.....252
Study I.....129

THURSDAY II CLUBS MEET IN:

Acrylic Painting II 118
Chess II.....132
Crochet for Beginners II .....Library
Driftwood II.....238
Exploring Other Cultures.....119
Finding God Through Classic Films II....203
"GLEE".....119
Gospel Choir II.....202
History Hollywood Style 239
Italian 201
Law & Order II.....131
MSR is Green II 109
Narnia, Rings and Potter.....250
PAWSS.....225
Puzzlemania II 112
Seton Music 218
Seton Outreach II.....217
Setonaire II.....241
Step Dance ..... Gym
Study II.....129

Additional Club Activities

Several sports, literary, forensics, and class activities are held after school on a regular basis. These are organized each season and posted for students. The following is also available after school:

CAMPUS MINISTRY - LOAVES AND FISHES

This club has its foundation in the Gospel story of the multiplication of the loaves and fishes where we are told that a young boy's generosity in sharing his two loaves and seven fishes led to the miraculous feeding of over 5,000 people. We will not be literally feeding people, but it is the goal of this club that we will multiply service to others by the generous sharing of our time, talents and sometimes our economic resources.

All may participate in this club. All you need to do is stop by the Campus Ministry Office and get the information needed. The club's activities are ongoing throughout the year. Faculty, staff and students are all welcome!

Other activities include all sports programs and the following clubs/teams:

Challenge Team
Mathematics League
Science League
Seton Ambassadors
Drill Team
Cheerleading

PUBLICATIONS

Setonaire - (Newspaper)
Sojourn - (Yearbook)
Driftwood - (Literary Magazine)

SPORTS

Varsity Basketball
Varsity Bowling
Varsity Cross Country
Varsity Golf
Varsity Soccer
Varsity Softball
Varsity Spring Track & Field
Varsity Winter Track
Varsity Swimming
Varsity Tennis
Varsity Volleyball
Junior Varsity Basketball
Junior Varsity Volleyball

The Basketball team benefits from the spirited support given by the Cheerleaders and Drill Team.

SETON DISTINGUISHED SCHOLAR PROGRAM

A comprehensive, academic program for the intellectually gifted student

GENERAL DESCRIPTION

The Seton Distinguished Scholar Program is a comprehensive program offered to students beginning with the Class of 2002. It is directed toward those students who have demonstrated outstanding academic achievement in their elementary school as well as high performance on their standardized testing and on entrance and scholarship examinations and who have continued to maintain an excellent level of performance during their freshmen year. These Distinguished Scholars are chosen from among our Honor Students and are expected to take Honors and Advanced Placement courses in English, Social Studies, Foreign Languages, Mathematics and Science. In addition, students are required to take courses in Latin and Computer Coding. These courses are designed to meet the special needs of the intellectually gifted student.

Accelerated content, in-depth study, small group discussions, interdisciplinary approaches and research skills are emphasized. Students in the program will be challenged to develop spiritually, socially, morally, personally and academically. They are expected to maintain a high level of Seton leadership and community (including MSR community) service.

PROGRAM OBJECTIVES

The Seton Distinguished Scholar Program assists the student to develop the following:

X A sense of the interdisciplinary nature of knowledge
X Excellent oral and written communication skills
X An awareness and appreciation of other cultures
X An in-depth understanding of current events
X A higher order of critical thinking skills
X A sense of social, moral and Christian responsibility
X Experiences in leadership and in the development of self esteem

PROFILE OF THE SETON DISTINGUISHED SCHOLAR

In order to achieve these goals, the Seton Scholar must:

X maintain honors level study throughout her high school years
X attend a preliminary orientation program
X complete classes in Latin and Exploring Engineering in freshman year
X maintain a grade of B+ in all major courses
X attend all extra-curricular programs offered as part of the Seton Scholar Program
X display a high level of Seton leadership and community service
X attend theatrical performances, science workshops, museum presentations, historical/cultural field trips

MOTHER SETON REGIONAL HIGH SCHOOL **(SOPHOMORES)**

PRELIMINARY COURSE SELECTION SHEET - 2016-2017

NAME _____ PRESENT SECTION _____

LIST YOUR COURSE SELECTIONS IN ORDER OF PREFERENCE. EACH STUDENT MUST LIST TWO OR THREE CHOICES FOR HER ELECTIVE. GENERALLY, A MINIMUM OF FIFTEEN STUDENTS IS REQUIRED FOR A CLASS IN AN ELECTIVE SUBJECT. THERE ARE 80 MODS IN THE WEEK. ALLOW FOR:

5 Mods - Lunch
8 Mods - Religion
4-6 Mods - Physical Ed. and Driver Education

2 Mods - Activities
10 Mods - English
8 Mods - Spanish II/French II
circle appropriate one

12 Mods - Chemistry
10 Mods - Geometry
5 Mods - Cycle Courses - Art, Family and Consumer Science, Music, SAT Prep, Exploring Engineering

ELECTIVES

1._____ 4._____

2._____ 5._____

3._____ 6._____

SPECIAL COMMENTS:_____

PARENT/GUARDIAN SIGNATURE: _____

STUDENT'S SIGNATURE: _____ DATE: _____

SOPHOMORE ELECTIVES

. Art: Basic Design/3-D Design
. Contemporary Literature
. Directed Study in Chemistry (Science League) - 2
. Everyday Law
. Exploring America's Diversity
. Family and Consumer Science I
. Geography/Modern European History
. *Honors 1 Algebra II

Students who wish to take courses normally offered to a different class level should request to do so in writing. Some short courses such as mathematics skills and writing skills may be assigned on some levels.
*All starred courses have pre-requisites which are part of the course description. Please make sure you qualify for a course if you are requesting it on your **FINAL** course selection.

MOTHER SETON REGIONAL HIGH SCHOOL (JUNIORS)

PRELIMINARY COURSE SELECTION SHEET - 2016-2017

NAME _____ PRESENT SECTION _____

LIST YOUR COURSE SELECTIONS IN ORDER OF PREFERENCE. EACH STUDENT MUST LIST A MINIMUM OF FIVE ELECTIVES. IF TWO COURSES ARE OFFERED AT THE SAME TIME, YOU WILL RECEIVE YOUR HIGHER CHOICE. GENERALLY, A MINIMUM OF FIFTEEN STUDENTS IS REQUIRED FOR A CLASS IN AN ELECTIVE SUBJECT. THERE ARE 80 MODS IN THE WEEK. ALLOW FOR:

5 Mods - Lunch	8 Mods - Religion	4-6 Mods - Physical Ed. and Health
2 Mods - Activities	10 Mods - English	10 Mods - U.S. History I
2 Mods - Career Development II (1 sem.)		

ELECTIVES

1._____ 4._____

2._____ 5._____

3._____ 6._____

SPECIAL COMMENTS:_____

PARENT/GUARDIAN SIGNATURE: _____

STUDENT'S SIGNATURE: _____ DATE: _____

JUNIOR/SENIOR ELECTIVES

. Algebra II
. *Algebra III and Trigonometry
. *Anatomy and Physiology
.*AP Biology
.*AP Calculus
.*AP Chemistry
.*AP Physics
. Astronomy 1 sem.
. Basic Design 1 sem.
. Ceramics 1 sem.
. Child Care and Development 1 sem.
. *Conceptual Physics
. Contemporary Literature
. Creative Writing
. Drawing I 1 sem.
. Drawing II 1 sem.
. Economics
.* Engineering Design
. Everyday Law
. Exploring America's Diversity
. Family and Consumer Science . *French III
.*French III
. *French IV AP
. Geography/Modern European History
. Graphic Design 1 sem.
. *Honors 1 Algebra II
. *Honors 1 Pre-Calculus
. *Honors 2 Pre-Calculus
. *Honors 2 Physics
. Integrated Science and Technology
. Latin I 1 sem. Part I, II
. Musical Theater 1 sem.
.Music Theory 1 sem.
. Nutrition and Wellness 1 sem.
. Painting I 1 sem.
. Painting II 1 sem.
. Psychology
. Sociology
. *Spanish III
. *Spanish IV AP
. 3D Design 1 sem.

Students who wish to take courses normally offered to a different class level should request to do so in writing.
Some short courses such as SAT Review may be assigned on some levels.
*All starred courses have pre-requisites which are part of the course description. Please make sure you qualify for a course if you are requesting it on your **FINAL** course selection.

MOTHER SETON REGIONAL HIGH SCHOOL (SENIORS)

PRELIMINARY COURSE SELECTION SHEET - 2016-2017

NAME _____ PRESENT SECTION _____

LIST YOUR COURSE SELECTIONS IN ORDER OF PREFERENCE. EACH STUDENT MUST LIST A MINIMUM OF FIVE ELECTIVES. IF TWO COURSES ARE OFFERED AT THE SAME TIME, YOU WILL RECEIVE YOUR HIGHER CHOICE. GENERALLY, A MINIMUM OF FIFTEEN STUDENTS IS REQUIRED FOR A CLASS IN AN ELECTIVE SUBJECT. THERE ARE 80 MODS IN THE WEEK. ALLOW FOR:

5 Mods - Lunch	8 Mods - Religion	4-6 Mods - Physical Ed. and Health
2 Mods - Activities	10 Mods - English	10 Mods - U.S. History II
2 Mods - Career Development II (1 sem.)		

ELECTIVES

1._____ 4._____

2._____ 5._____

3._____ 6._____

SPECIAL COMMENTS:_____

PARENT/GUARDIAN SIGNATURE: _____

STUDENT'S SIGNATURE: _____ DATE: _____

JUNIOR/SENIOR ELECTIVES

. Algebra II
. *Algebra III and Trigonometry
. *Anatomy and Physiology
.*AP Biology
.*AP Calculus
.*AP Chemistry
.*AP Physics
. Astronomy 1 sem.
. Basic Design 1 sem.
. Ceramics 1 sem.
. Child Care and Development 1 sem.
. *Conceptual Physics
. Contemporary Literature
. Creative Writing
. Drawing I 1 sem.
. Drawing II 1 sem.
. Economics
. *Engineering Design
. Everyday Law
. Exploring America's Diversity
. Family and Consumer Science
.*French III
. *French IV AP
. Geography/Modern European History
. Graphic Design 1 sem.
. *Honors 1 Algebra II
. *Honors 1 Pre-Calculus
. *Honors 2 Pre-Calculus
. *Honors 2 Physics
. Integrated Science and Technology
. Latin I 1 sem. Part I, II
. Musical Theater 1 sem.
.Music Theory 1 sem.
. Nutrition and Wellness 1 sem.
. Painting I 1 sem.
. Painting II 1 sem.
. Psychology
. Sociology
. *Spanish III
. *Spanish IV AP
. 3D Design 1 sem

Students who wish to take courses normally offered to a different class level should request to do so in writing.
Some short courses such as SAT Review may be assigned on some levels.
*All starred courses have pre-requisites which are part of the course description. Please make sure you qualify for a course if you are requesting it on your **FINAL** course selection.