

Bishop McNamara High School



2016-2017 Course Bulletin

Bishop McNamara High School, a college preparatory school in the Holy Cross tradition, exists to educate and to form young men and women in the Catholic faith. The school challenges its students to think with Christ: a thought animated by the gospel, manifested in service, and informed by academic excellence.

-Bishop McNamara High School's Mission Statement

Registration Counselors

Ms. Erica Di Clemente	Class of 2020
Mr. Michael Jones	Class of 2019
Ms. Kristian Owens	Class of 2018
Ms. Clare Treichel	Class of 2017 (A-J)
Mrs. Jennifer Auchmoody	Class of 2017 (K-Z)

Catholic. Coeducational.

College Preparatory. Anchored in Christ.

Sponsored by the Congregation of Holy Cross.

6800 Marlboro Pike • Forestville, MD 20747-3270

OVERVIEW

This bulletin is designed to aid Bishop McNamara High School students in selecting courses for the next school year. It is published at the time of pre-registration to assist students in the selection of courses required for graduation. The courses are listed by department.

The information published here is subject to change. A minimum enrollment of at **least 15 to 20 students is usually required** before a course can be considered a permanent part of the curriculum for the next school year. Students are reminded of the complex nature of a master schedule, and the difficulties associated with the changing of courses after the master schedule has been constructed. Therefore, a considerable amount of reflection and study should precede the selection of classes at the time of pre-registration. Unless there is an irresolvable conflict in the choice of courses, which should only occur in a very small percentage of situations, the classes chosen by the student at the time of pre-registration will become the official schedule for the upcoming year. (Requests for schedule changes made after pre-registration must be based on extraordinary circumstances, must be made on the official school form, and a fee of \$40.00 must be attached.)

POLICY OF NON DISCRIMINATION

Bishop McNamara admits students of any race, creed, color, national or ethnic origin, gender, religion, or socioeconomic status and grants them all the rights, privileges, programs and activities generally accorded or made available to students.

Bishop McNamara High School does not discriminate on the basis of race, color, national or ethnic origin in the administration of educational policies, admissions policies, scholarship and loan programs, and athletic and other school administered programs.

To the extent required by Title IX, Bishop McNamara High School does not discriminate against any applicant, employee or student because of gender.

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GENERAL INFORMATION

SCHOOL FEES

The school registration fee for returning students in grades 10, 11, and 12 is \$300.00 if paid on or before March 10, 2016 (\$400 if paid after the deadline) and includes: processing of registration information, processing of course schedules, school yearbook, school newspaper, class activity fee, and admission to all home athletic events. There is also a book rental fee of \$350 per student as well as a \$100 per student technology fee. Note that some courses may require an additional fee.

PARENT SERVICE HOURS

Each parent is required to donate 10 hours of service to the school during the year. If a parent is not able to do so, a \$30.00 fee per service hour is charged to the family.

CREDIT REQUIREMENTS FOR GRADUATION **For Classes of 2017-2019**

English	4
Fine Arts	1
IT	1
Mathematics	4
Modern and Classical Languages*	2
Physical Education/Health	1.5
Science	3
Social Studies	4
Theology	4
Electives	1.5
TOTAL CREDITS REQUIRED	26

*2 consecutive years of the same language, 3 years recommended

HOLY CROSS SERVICE PROGRAM

The Holy Cross Service Program is integral to the education of a BMHS student. Our program is guided by love of neighbor and the work of social justice. Students are encouraged to move out of their comfort zones as they seek to help those in need. The service program rejects the notion of reciprocity which only helps those from whom help is received— “You scratch my back, I’ll scratch yours.” In Luke’s Gospel we read, “If you lend to those from whom you expect to receive, what credit is that to you?...do good, and lend, expecting nothing in return.” (Luke 6:33,35) For this reason, the service work students do for the Holy Cross Service Program must work towards creating a more just and equitable world and must be in service to those outside regular obligations to family, friends, school, clubs, etc.

Freshmen are required to complete at least 15 hours of Christian service with a focus on working directly with children.

Sophomores are required to complete at least 20 hours of Christian service with a focus on working directly with the elderly or those who are physically/intellectually disabled.

Juniors are required to complete at least 25 hours of Christian service with a focus on working directly with those in economic/material poverty.

Seniors are required to complete at least 30 hours of Christian service with one service agency or organization. This service must incorporate direct interaction with those in need. The work must address issues of social justice and inequality, but there is no specific focus area for seniors.

For a complete list of approved service site locations, log on to www.bmhs.org and click on “Faith and Service”, then click on “Approved Service Opportunities”.

All students will write and submit a service reflection paper that requires thought and consideration regarding the service work done and the impact it had for the student and those being served. The guidelines for this reflection paper will be distributed in Theology class.

DESCRIPTION OF A STUDENT TAKING AN HONORS COURSE

10th, 11th, and 12th grade students are placed according to the recommendation of their current teacher, or following an application process, which is made after evaluating each student's classroom achievement.

Specifically, teachers look for:

Exceptional Tests & Assignments. This means almost all A's and high B's.

Good Cognitive Skills. This is demonstrated in work time after time, in the type of work relevant to each discipline.

Mature Attitude. This means the student enjoys learning and the work that goes with it; the student appreciates and respects the ideas of his or her classmates and teachers.

Hard working & Honorable. The student wants to do well and will do the work required, entirely within the context of the Bishop McNamara Honor Code.

Takes Initiative. Without being asked, the student seeks assistance when needed and will look for new ways to explore ideas and contribute to the class discussion.

Students may be removed from honors or Advanced Placement courses mid-year if their performance does not meet expectations. For example, failing to complete summer assignments for a course indicates a lack of initiative and hard work.

ADVANCED PLACEMENT COURSES

Bishop McNamara High School offers a wide variety of Advanced Placement courses approved by the College Board.

Advanced Placement Biology
Advanced Placement Calculus AB
Advanced Placement Calculus BC
Advanced Placement Chemistry
Advanced Placement English Language and Composition
Advanced Placement English Literature and Composition
Advanced Placement European History
Advanced Placement French Language
Advanced Placement Physics 1
Advanced Placement Physics C
Advanced Placement Psychology
Advanced Placement Spanish Language and Culture
Advanced Placement Spanish Literature and Culture
Advanced Placement 2D Design Digital Photography
Advanced Placement Statistics
Advanced Placement United States History

ONLINE COURSES

Bishop McNamara High School began offering an online option for a limited number of students in the 2013-2014 school year. We will continue to offer some courses online that provide distance learning through a variety of delivery methods that will complement our traditional high school curricula. The students in these courses will report to a computer lab classroom during a designated block. There will be an educator with them throughout the course, but it is important that students are confident, self-motivated, and determined to meet deadlines, since students in these classrooms may be taking different courses. There will be on-going evaluation, especially at the end of the first semester.

The choice of courses available to the student varies depending on the student's past academic performance and course selections, as well as whether the course may be taken for graduation credit or only as an elective. The final decision will be up to the discretion of the Academic Dean, Dean of Programs, the student's Counselor, and the Registrar.

Admittance into these courses requires the Dean of Program's approval according to the following criteria:

- Student's performance in all subject areas that impact online course criteria
- Demonstrate success with primarily A grades in honors-level classes
- Interview with Dean of Programs and/or the student's Counselor

Please contact the Dean of Programs to set up an interview. There are additional lab fees for each year-long online course between \$150 and \$200 depending on the course. Semester course lab fees are \$75.

ENGLISH DEPARTMENT

All students are required to fulfill a four-year sequence of classes in English. The department offers differentiated levels of instruction (college prep, honors and Advanced Placement) and a range of electives. *Prerequisites are listed after each course.*

LITERATURE & COMPOSITION

Credit 1: Course No. 212, 218G (Grade 9)

This course includes a study of grammar, vocabulary, literature, and composition. A survey of literary genres is emphasized.

HONORS LITERATURE & COMPOSITION

Credit 1: Course No. 210 (Grade 9)

For this course the admissions committee will select a small group of 9th grade students whose academic records and entrance examination scores indicate a high level of achievement. This course includes a study of grammar, vocabulary, literature, and composition. A survey of literary genres is emphasized.

RHETORIC

Credit 1: Course No. 227 (Grade 10)

Students will read literature, both fiction and non-fiction, with an emphasis on critical thinking and rhetorical theory, while developing fundamentals of academic writing, MLA style research, text-based discussion, copyediting, and vocabulary.

HONORS RHETORIC

Credit 1: Course No. 220 (Grade 10)

For advanced students, this course explores literature, both fiction and non-fiction, with an emphasis on critical thinking and rhetorical theory. Students also develop fundamentals of academic writing, MLA style research, text-based discussion, copyediting, and vocabulary.

Prerequisite: Signed approval of current teacher; minimum grade of “B” in Honors Lit & Comp, or “A” in Lit & Comp.

AMERICAN LITERATURE

Credit 1: Course No. 235 (Grade 11)

This course combines a chronological and thematic approach to American Literature from the 1700s to the present. Students will analyze texts through close reading and discussion, while strengthening writing skills, research skills, grammar, and vocabulary.

A.P. ENGLISH LANGUAGE AND COMPOSITION

Credit 1: Course No. 231 (Grade 11)

This course combines a thematic survey of American literature from the 1700s to the present, with an intensive study of rhetoric and writing preparation for the Advanced Placement exam in English Language and Composition. Students will analyze texts through close reading and discussion, while strengthening research skills, grammar, and vocabulary.

Prerequisites: Signed approval of current teacher; minimum grade of “B” in Honors Rhetoric or “A” in Rhetoric.

BRITISH LITERATURE

Credit 1: Course No. 243 (Grade 12)

This survey course features an intensive study of classic and influential British literature from a variety of time periods, while preparing students for college-level writing. Successful completion of the senior thesis paper that meets the minimum qualifications for an acceptable entry-level college essay is a graduation requirement.

A.P. ENGLISH LITERATURE AND COMPOSITION

Credit 1: Course No. 241 (Grade 12)

Designed for advanced students, this intensive course engages participants in sophisticated literary analysis and composition, in preparation for the Advanced Placement exam in English Literature and Composition. Successful completion of the senior thesis paper that meets the minimum qualifications for an acceptable entry-level college essay is a graduation requirement.

***Prerequisites:* Signed approval of current teacher; minimum grade of “B” in A.P. English Language and Composition, or “A” in American Literature.**

CREATIVE WRITING

Credit .5: Course No. 278 (Grades 10, 11, 12) (Elective)

Students will exercise and enhance their creativity through low-pressure writing opportunities, peer editing, and weekly sharing sessions, as they pre-write, draft, and revise poetry, short stories, and other creative works. Whether they are already bursting with creativity or seeking help with writing, this class will increase students' ability to use a variety of writing skills in artistic ways.

ADVANCED CREATIVE WRITING

Credit .5: Course No. 279 (Grades 11, 12) (Elective)

This class encourages students to continue developing skills gained in the Creative Writing course. Students will experiment in new styles and genres, work independently to set individual goals, and collaborate with other writers through workshops and other activities.

Note: Creative Writing and Advanced Creative Writing will meet concurrently.

***Prerequisites:* Creative Writing/Teacher approval.**

BROADCAST JOURNALISM

Credit 1: Course No. 282 (Grades 11, 12) (Elective)

Students in this course produce the weekly WMAC video production. Working on a team that effectively collaborates from the pre-production script through the production, every student will play an integral part in executing a show that is broadcast to the Bishop McNamara community. **This course will occur during the Omega period.**

***Prerequisite:* Successful completion of the course application.**

JOURNALISM I

Credit 1: Course No. 281 (Grades 9, 10, 11, 12) (Elective)

Students in this course produce the school newspaper, and are considered the official staff of The Stampede. Working as reporters, editors, photographers or designers, students learn interviewing techniques, copyediting, photojournalism, page layout and the basics of news, sports and feature writing. All students will have the opportunity to write articles and editorials about a variety of subjects, for publication online or in print.

Prerequisite:* Application and signed teacher approval.

HONORS JOURNALISM 2

Credit 1: Course No. 286 (Grades 10, 11, 12) (Elective)

These experienced students oversee production of the newspaper and pursue advanced skills in interviewing, photography, editing, writing and page design. As leaders of the newspaper staff, these students also gain specialized knowledge in approaches to newsroom management, Associated Press style, design software and modern trends in the news industry.

Prerequisite: Journalism 1 and signed teacher approval.*

HONORS JOURNALISM 3

Credit 1: Course No. 289 (Grades 11, 12) (Elective)

This advanced course is for experienced students who wish to continue working on the newspaper while refining their journalistic skills and leading the newspaper staff. A special focus will include in-depth reporting and multimedia story-telling.

Prerequisite: Journalism 2 and signed teacher approval.*

HONORS JOURNALISM 4

Credit 1: Course No. 290 (Grade 12) (Elective)

This advanced course is for experienced students who wish to continue working on the newspaper while refining their journalistic skills and leading the newspaper staff.

Prerequisite: Journalism 3 and signed teacher approval.*

YEARBOOK JOURNALISM

Credit 1: Course No. 288 (Grades 9, 10, 11, 12) (Elective)

Students in this course are responsible for producing the school yearbook. Students learn skills necessary to write stories, headlines, and captions, shoot and coordinate photographs, and use graphics to organize and design layouts. Students will recognize the purpose of a yearbook and consider how school philosophy impacts editorial and design choices.

****Note: Journalism 1-4 meet concurrently.***

FINE ARTS DEPARTMENT

The Fine Arts Department at Bishop McNamara offers one of the most extensive fine arts education in the Washington, DC area. Our large musical ensembles, intimate dance classes, theatrical productions, and art studio offer comfortable, rewarding, fun, yet challenging environments for all participating students. We encourage the growth and success of the students. One credit of Fine Arts is required for graduation. **Performance based courses require additional fees and fundraising. Performance courses also require some rehearsals, performances and events that will meet outside of normal class time. These additional times will be communicated to the students and families in a timely manner.**

Dance

DANCE I

Credit 1: Course No. 9841 (Grades 9, 10, 11, 12) (Elective)
Students will get 1 quarter of training each in Ballet, Jazz and Tap. In addition, there will be 1 quarter on Dance History and Theory.

DANCE II

Credit 1: Course No. 9842 (Grades 9, 10, 11, 12) (Elective)
Students will receive training in both Classical Ballet, Tap & Contemporary (incorporates jazz, lyrical and modern dance techniques at the Beg/Int level. Dance II will continue along the Repertory Track. **(Prerequisite: Dance I or level placement audition approved by dance faculty)**

DANCE III

Credit 1: Course No. 9843 (Grades 9, 10, 11, 12) (Elective)
Students will receive training and dance composition in Ballet, Contemporary (incorporates the jazz, lyrical and modern techniques) and Tap techniques at the Int/Adv level. **(Prerequisite: Dance I and Dance II or a level placement audition approved by dance faculty)**

DANCE IV

Credit 1: Course No. 9844 (Grades 9, 10, 11, 12) (Elective)
Students will receive training and dance composition in Ballet, Contemporary (incorporates the jazz, lyrical and modern techniques) and Tap techniques at the Advanced level. Honors Dance offered at this level. **(Prerequisite: Dance I, Dance II and Dance III or a level placement audition approved by dance faculty)**

TAP I

Credit 1: Course No. 9820 (Grades 9, 10, 11, 12) (Elective)
Students will receive training in tap technique (Beg/Int level). Tap 1 will continue on the Tap Track. **(Prerequisite: Dance I or level placement audition approved by dance faculty)**

TAP II

Credit 1: Course No. 9821 Grades 9, 10, 11, 12) (Elective)
Students will receive training in tap technique at the Int level. Tap 2 will continue on the Tap Track. **(Prerequisite: Dance I, Tap I and/or a level placement audition by dance faculty)**

TAP III

Credit 1: Course No. 9822 (Grades 9, 10, 11, 12) (Elective)
Students will receive training and composition in tap technique at the Int/Adv level. Honors Dance offered at this level. **(Prerequisite: Dance I, Tap I, Tap II and or a level placement audition approved by dance faculty)**

TAP IV

Credit 1: Course No. 9823 (Grades 9, 10, 11, 12) (Elective)
Students will receive training and composition in tap technique at the Adv level. Honors Dance offered at this level.

TRADITIONAL AFRICAN DANCE & MUSIC I

Credit 1: Course No. 9875 (Grades 9, 10, 11, 12) (Elective)

This course is designed to introduce the student to the exciting traditions and cultures of Africa through its African music and dance. Beginners are introduced to the basic level technique and style in traditional music and dance in Africa. It continues with the tradition of merging the two art forms for various cultural and traditional presentations. Dances, music, drumming and singing, are derived from across the continent. The essential component of communication between the drummer/dancer and performer/audience is emphasized, as the beginner gets more comfortable in this performance-oriented class. Dance uniforms must be purchased from our bookstore.

***Prerequisite:* Placement audition.**

TRADITIONAL AFRICAN DANCE & MUSIC II

Credit 1: Course No. 9876 (Grades 9, 10, 11, 12) (Elective)

This course will build on the lessons learned in the level one course. It will further develop practical training in the various traditional dances of the African continent with increased emphasis on drumming. It will continue exercises required for traditional movement of the body language of the dancer. The dances and the music will include a wide range of traditional dances from across the continent with an emphasis on the dances and music traditions of West Africa. Dance uniforms must be purchased from our bookstore.

***Prerequisite:* Traditional African Dance & Music I and placement audition.**

TRADITIONAL AFRICAN DANCE & MUSIC III

Credit 1: Course No. 9877 (Grades 9, 10, 11, 12) (Elective)

This course is for those students interested in perfecting their African Dance and Drumming skills. It will offer intensive training in the African dance traditions and focus on increasingly difficult choreography with drumming. Emphasis is placed on: origin, roles and meaning, stylistic differences, the language of drums, song text, dirges and praise poetry, paraphernalia of the dance (mask, costume, props, make-up), symbolism and ritual significance. Dance uniforms must be purchased from our bookstore.

***Prerequisite:* Traditional African Dance & Music II and placement audition.**

TRADITIONAL AFRICAN DANCE & MUSIC IV

Credit 1: Course No. 9878 (Grades 11, 12) (Elective)

This unique course is a natural progression for the advanced African Dance and Music student. It will build on the movements and explore the evolution of dance from the slavery times to the present. It also incorporates dance composition and an introduction to other dance forms, especially modern and Caribbean dance styles. Dance uniforms must be purchased from our bookstore.

***Prerequisite:* Traditional African Dance & Music III and placement audition.**

SANKOFA COMPANY

Credit .5: Course No. 9874 (Grades 9, 10, 11, 12)

This omega half credit class is designated to hone the music and theatrical dance talents in preparation towards the annual Sankofa Night Dance Production. Students work intensely on African, modern and interpretive dance techniques, focusing on the characters in the production story. Students research topics related to the production theme. Students are also exposed to external artists and choreographers who share their different styles and perspectives in music and dance. The relationship between songs, dance and theatre are emphasized, as well as the various elements and demands of theatrical dance productions. Above all, students are given the freedom to use their creative talents. This course is open to all levels. This omega class meets two to three times a week from 3:30pm to 6:00pm in the dance studio.

***Prerequisites:* Students can only be part of this class after an interview and audition process. Auditions are held in September.**

Music

CONCERT CHOIR

Credit 1: Course No. 9725 (Grades 9, 10, 11, 12) (Elective)

The Concert Choir is designed to teach the rudiments of choral singing and to present a variety of musical styles as part of the song repertoire. Principles of music theory as well as sight singing will be included in the general curriculum. Students will perform at a variety of school functions and outside competitions.

HONORS CHAMBER CHOIR

Credit 1: Course No. 9745 (Grades 10, 11, 12) (Elective)

Chamber Music is an honors course offered to those students exhibiting a high level of vocal expertise and precision. Students will be exposed to a wide variety of historical and 20th century musical styles. Students will have an opportunity to study music theory and harmony. Students perform at school functions as well as outside events.

***Prerequisites:* Concert Choir course and approval of teacher.**

SHOW CHOIR

Credit .5: Course No. 9760 (Grades 9, 10, 11, 12) (Elective)

Show Choir meets after school as an omega period class. The Show Choir course is designed to offer choir students an opportunity to perform varied song repertoire with choreography. The focus of this course will be on lyrical analysis, expressive singing, stage presence and choreography. Students will have the opportunity to choreograph and teach dances chosen. The class will work towards presenting a choreographed show that contains a number of choral selections. The Show Choir will also compete in at least one festival per year and will be prepared to perform throughout the community and school concerts.

***Prerequisites:* Students should be enrolled in a choir course or have completed at least one year of a choir course and approval of teacher.**

VOCAL JAZZ ENSEMBLE

Credit .5: Course No. 9755 (Grades 9, 10, 11, 12) (Elective)

Vocal Jazz Ensemble meets after school as an omega period class. Students will have the opportunity to work on jazz repertoire from past to present. An emphasis will be placed on jazz lyrics and phrasing. This course is open to any student who wishes to sing and has some choir experience. The Ensemble will perform on occasion with the school's jazz band ensemble. The Vocal Jazz Ensemble will compete in at least one festival per year and will be prepared to perform throughout the community and at school concerts.

***Prerequisites:* Audition and approval of teacher.**

MUSIC APPRECIATION AND DISCOVERY

Credit .5: Course No. 9648 (Grades 9, 10, 11, 12) (Elective)

This one semester course is a general study of music for students interested in learning more about music appreciation and creation. The course is an in depth study of musical periods, styles, composers and structure of music. Students enrolled will study the structure of music, as outlined in the course textbook, as well as listen to and discuss music from various periods and genres. Students will be introduced to the elements of music through exploration of music theory, concert observations, computer programs, and listening assignments. Activities will include analyzing and describing music; evaluating music and music performances; and understanding relationships between music and the other arts, as well as disciplines outside of the arts. The course will expose students to a broad spectrum of music, ranging from classical and modern western traditions to the music of other regions and cultures. The course balances the creative and practical aspects of music with the theoretical or academic. Students study musical perception and analysis, enabling them to appreciate various musical genres and styles.

CONCERT BAND

Credit 1: Course No. 9610 (Grades 9, 10, 11, 12) (Elective)

The Concert Band course is intended for students of all musical backgrounds. The course also caters to students interested in starting music for the first time, or switching instruments. The class focuses on teaching, reviewing and elaborating upon basic musical concepts. The group performs at in-school, local and out-of-state concerts. There will be required after-school events as well as fundraising responsibilities. Admission is by audition and approval of the teacher. Private instrument instruction is encouraged. Honors credit is available with teacher's approval.*

SYMPHONIC BAND

Credit 1: Course No. 9615 (Grades 9, 10, 11, 12) (Elective)

This is a full instrumental concert ensemble focusing on intermediate music levels. The group focuses on refining musical techniques and knowledge. This group performs at in-school, local, and out-of-state concerts. There will be required after-school events as well as fundraising responsibilities. Private instrument instruction is encouraged. Admission is by audition and approval of teacher. Honors credit is available with teacher's approval. *

WIND ENSEMBLE

Credit 1: Course No. 9620 (Grades 9, 10, 11, 12) (Elective)

This is the highest level of performance at Bishop McNamara. Students concentrate on various levels and genres of music. The group performs at in-school, local and out-of-state concerts. There will be required after-school events as well as fundraising responsibilities. Private instrument instruction is encouraged. Admission is by audition and approval of teacher. Honors credit is available with teacher's approval. *

STRING ORCHESTRA

Credit 1: Course No. 9660 (Grades 9, 10, 11, 12) (Elective)

This course is open to students with prior string experience on the following instruments: violin, viola, cello and bass. Students will be exposed to many genres of orchestral music from classical through contemporary. The group performs at in-school, local and out-of-state concerts. There will be required periodic after-school events as well as fundraising responsibilities. Students must provide their own instrument (personal or rental) for course work (except cello and bass players). Admission is by audition and approval of the teacher. Private instrument instruction is encouraged. Honors credit is available with teacher's approval.*

JAZZ LAB

Credit .5: Course No. 9635 (Grades 9, 10, 11, 12) (Elective)

This laboratory style music class meets once a week after school as an omega period class. This class is open to all students with previous musical experience. Students study fundamentals of jazz music. They study all basic jazz styles of swing, Latin, rock, etc. The students also spend time studying jazz theory and composition as well as the concepts of improvisation and solo performance. Students must be a member of the Concert Band, Symphonic Band, Wind Ensemble or String Orchestra (with the exception of guitar, bass and piano players). There will be required additional after-school events as well as fundraising responsibilities. Admission is by audition and approval of teacher. *

****NOTE: When registering for classes for the next school year, all students must register for the class they are currently enrolled in. After the playing exams are completed, the directors will make any necessary changes to individual student's schedules. It is only with the director's approval that a student may be changed to a different ensemble.***

JAZZ ENSEMBLE

Credit .5: Course No. 9630 (Grades 9, 10, 11, 12) (Elective)

This big band style ensemble meets after school as an omega period class. Students learn all genres of music including swing, Latin, funk, rock, and new age. The ensemble consists only of jazz instrumentation. There will be required additional after-school events as well as fund-raising responsibilities. Must be a member of the Symphonic Band, Wind Ensemble or String Orchestra (with the exception of guitar, bass and piano players). Admission is by audition and approval of the teacher.*

PERCUSSION ENSEMBLE

Credit .5: Course No. 9640 (Grades 9, 10, 11, 12) (Elective)

This ensemble meets once a week after school as an omega period class. This course focuses on a variety of genres and literature. Students have the opportunity to perform in county and state festivals, as well as in the annual music trip.

Prerequisites: Students must currently play percussion in Concert Band, Symphonic Band, or Wind Ensemble. Admission is by approval of the teacher. *

***NOTE: When registering for classes for the next school year, all students must register for the class they are currently enrolled in. After the playing exams are completed, the directors will make any necessary changes to individual student's schedules. It is only with the director's approval that a student may be changed to a different ensemble.**

Theatre

ACTING (Offered in the 2017-2018 school year)

Credit 1: Course No. 9903 (Grades 10, 11, 12) (Elective)

This course introduces the student to the variety of techniques used to produce the art of acting. Assignments will be arranged sequentially to focus on each technique culminating in the use of the entire skill set for actual performance. Exercises will be based on the theatre techniques developed by, but not limited to, Konstantin Stanislavski, Viola Spolin, and Arthur Lessac. Major areas of focus include observation, physical and vocal expressiveness, building a character, text analysis, monologues, scene work, makeup and professional development. Students will be evaluated on performance, written assignments, tests, progress, and participation.

Prerequisite: Introduction to Theatre or approval of the teacher.

GREAT STAGES OF DRAMA (Offered in the 2016-2017 school year)

Credit 1: Course No. 9917 (Grades 10, 11, 12) (Elective)

Throughout history, social, political, cultural and philosophical forces have combined to create a fertile ground for great periods of theatrical activity. These "Golden Ages of Theatre" include: Classical Greece, Elizabethan England, Neoclassic/Restoration, Twentieth Century Realism and Expressionism, and American Musical Theatre. This class will study the plays that emerged from these great periods, and examine the larger world view that shaped them. Student projects will include scene performance and presentations on period design and historical background.

Prerequisite: Introduction to Theatre or approval of the teacher.

INTRODUCTION TO THEATRE

Credit 1: Course No. 9907 (Grades 9, 10, 11, 12) (Elective)

This course is designed to introduce the student to the many components of theatre: acting, directing, design, script analysis, and history. Students will focus on each topic through reading, lecture, in-class exercises, and assignments. In addition, there will be numerous practical assignments through which the student, individually or with others, will gain valuable experience in the ways these various elements work together in the creation of a fully realized dramatic experience.

MUSICAL THEATRE PRODUCTION

Credit .5: Course No. 9912 (Grades 9, 10, 11, 12) (Elective)

Each fall McNamara stages a musical theatre production which is a fine arts omega period class that students may elect to take for credit and a grade. This course meets after school and all course work is hands-on preparation to produce the musical. Students may participate on stage as actors, singers and dancers, backstage as technical support or in the pit orchestra as musicians. Students will learn all aspects of staging a musical including blocking, character analysis and development, plot analysis, choreography, vocal production, stage presence, theatrical vocabulary, set construction, lighting and sound design and production, costuming, make-up and properties. Admission is by audition only, although this class is generally available to anyone willing to spend the necessary time. Some weekend hours and fundraising are required. Honors Credit is available with teacher's approval.

SPRING THEATRE PRODUCTION

Credit .5: Course No. 9930 (Grades 9, 10, 11, 12) (Elective)

Each spring McNamara stages a non-musical theatre production which is a fine arts omega period class that students may elect to take for credit and a grade. This course meets after school and culminates in a fully staged play. Students may participate as actors or technical support. Concentration is on staging, plot & character analysis. Admission is by audition only and is very competitive, with only the most dedicated and talented students being cast. Some weekend hours and fundraising are required. Honors credit is available with teacher's approval.

THEATRE TECHNOLOGY TOPICS A: SET AND LIGHT

Credit .5: Course No. 9928 (Grades 10, 11, 12) (Elective)

This one-semester course introduces the student to both the artistic and technical aspects of theatrical productions through stage carpentry, set design, theatrical lighting, and stage properties. Throughout the course we will work hands-on in the Theatre to put our knowledge into practice, using Bishop McNamara's well-equipped stage and professional theatrical equipment. Topics B is the corresponding class that teaches other aspects of theatrical production.

THEATRE TECHNOLOGY TOPICS B: SOUND AND COSTUMES

Credit .5: Course No.9929 (Grades 10, 11, 12) (Elective)

This one-semester course introduces the student to both the artistic and technical design aspects of costume, sound and stage properties. Throughout the course we will work hands-on in the theatre to put our knowledge to practice, using Bishop McNamara's well equipped stage and professional theatrical equipment. Topics A is the corresponding class that teaches other aspects of theatrical production.

Visual Arts

COLOR

Credit 1: Course No. 9512 (Grades 9, 10, 11, 12) (Elective)

This course introduces students to basic color theory, with a focus on mixing techniques and design principles. Students will learn how to manipulate color to create realistic depth, three dimensional forms, to express different emotions, and to create effective compositions. This course provides foundational skills for students interested in design careers. Students will work with acrylic paint, watercolor paint, oil pastel, chalk pastel, colored pencils, and collage materials. No drawing experience is necessary. In addition, students will explore European and American art history movements from the 18th through the 20th centuries.

DRAWING

Credit 1: Course No. 9507 (Grades 9, 10, 11, 12) (Elective)

This course is designed to familiarize students with the fundamental vocabulary and drawing techniques utilized by artists. Concepts like line, shape, space, and shading are explored through work in pencil, pen, and charcoal.

ADVANCED DRAWING

Credit 1: Course No. 9521 (Grades 10, 11, 12) (Elective)

This course explores more advanced drawing techniques and subject matter. There is a greater emphasis on drawing the human form than in the Drawing course. Work can be tailored to meet the needs of students assembling portfolios for college acceptance.

Prerequisite: Drawing and art teacher's approval. Honors credit is available with teacher's approval.

DIGITAL ART

Credit 1: Course No. 9527 (Grades 10, 11, 12) (Elective)

This introductory course deals with controlling computer technology to produce an artistic image. Students will learn computer illustration techniques, image manipulation, digital camera use, graphic design visual literacy, and the principles and elements of art in composition. Art historical movements will also be studied as they relate to student projects. From painting to photography and now to computers, the ways in which art is made will always change.

ADVANCED DIGITAL ART

Credit 1: Course No. 9556 (Grades 11, 12) (Elective)

Students build on the skills and concepts they learned in Digital Arts as they develop their vocabulary of digital design elements. By the end of the course, students will have created a collection of digital art projects for their digital design portfolio.

Prerequisites: Digital Art

ADVANCED PLACEMENT 2D DESIGN DIGITAL PHOTOGRAPHY

Credit 1: Course No. 9558 (Grades 12) (Elective)

This class is designed for experienced, highly motivated photography students. 24 quality photographic works will be required for submitting a College Board Portfolio for 2D design. While building your portfolio you will explore a variety of concepts, techniques and approaches designed to help you demonstrate your abilities and versatility with problem solving and idea generation. In the concentration section of your portfolio you will investigate an idea of personal interest.

Prerequisites: Digital Photography AND Graphic Design and permission of the instructor.

Fine Arts Diploma Endorsement

The F.A.D.E. Program will serve to refine students' talents and skill, cultivate a community of respect, appreciation and understanding of the arts, and acknowledge students' dedication to the Fine Arts throughout their high school career. Students who graduate with the Fine Arts Diploma Endorsement receive a notation on their transcripts and a special honor certificate at graduation.

Students may apply at the beginning of their Sophomore year. See your Fine Arts teacher for the application form and requirements specific to your major arts focus.

INFORMATION TECHNOLOGY DEPARTMENT

Bishop McNamara views Information Technology as a critical tool to provide students with a working knowledge of computer concepts as well as expose them to specific skill sets used in the business world. The school has three computer labs to support the Information Technology curriculum. One credit of Information Technology is required for graduation.

COMPUTER APPLICATIONS

Credit .5: Course No. 414 (Grades 9, 10, 11, 12)

The goal of this semester course is to introduce students to applications typically found in a school or business office. The course involves the use of the Microsoft Office Suite of applications to include word processing, spreadsheets, databases and graphic presentation. This course is open to all students, but is recommended during their 9th and 10th grade years.

COMPUTER PROGRAMMING

Credit .5: Course No. 407 (Grades 9, 10, 11, 12)

In this course, students are introduced to programming fundamentals. Java programming language is used to build a strong foundation in structured, object-oriented programming (OOP). Efficient and organized problem solving and program design is emphasized using basic programming constructs such as decision-making and iterations.

HONORS CISCO NETWORK ADMINISTRATION I

Credit 1: Course No. 426 (Grades 10, 11, 12)

This full year course consists of two Cisco Academy courses: "Introduction to Networks" and "Routing and Switching Essentials". Each Cisco Academy course lasts one semester. Completion of the Honors Cisco Network Administration I course prepares the student for the Cisco Certified Entry-level Network Technician (CCENT) exam. The focus of "Introduction to Networks" is learning the practical and conceptual skills that build the foundation for understanding basic network networking. Students will be introduced to two major networking models, understand the "layered" approach to networks, become familiar with network devices and addressing schemes, and discover the various media types used to carry data. The focus of "Routing and Switching Essentials" is learning the architecture, components, and operations of routers and switches in a small network to include how to configure a router and a switch for basic functionality. Students will be able to describe enhanced switching technologies, configure static and default routing, configure VLANs and configure ACLs.

Prerequisite: Approval of the Honors Cisco teacher through an interview process.

HONORS CISCO NETWORK ADMINISTRATION II

Credit 1: Course No. 428 (Grades 11, 12)

This full year course consists of two Cisco Academy courses: "Scaling Networks" and "Connecting Networks". Each Cisco Academy course lasts one semester. Completion of the Honors Cisco Network Administration I and II courses prepares the student for the Cisco Certified Network Associate (CCNA) exam. The focus of "Scaling Networks" is architecture, components, and operations of routers and switches in a larger and more complex network. Students will learn how to configure routers and switches for advanced functionality. Students will describe, configure, and troubleshoot DHCP, DNS, and STP to include configuring and troubleshooting basic operations of routers in a complex routed network for IPv4 and IPv6. The focus of "Connecting Networks" is WAN technologies and network services required by converged applications in a complex network. Students will be able to describe different WAN technologies, configure serial and broadband connections, configure tunneling operations, and monitor and troubleshoot network operations using various network monitoring tools.

Prerequisite: Honors Cisco Network Administration I and permission of the Honors Cisco teacher.

WEB DESIGN

Credit 1: Course No. 431 (Grades 9, 10, 11, 12)

This full year course will focus on basic and advanced web design techniques, with emphasis on both composition and layout. Students will learn how to create and publish websites using current HTML and style sheet standards both manually and through the use of the website development software Adobe Dreamweaver. Students will also learn how to create original graphic art with the use of Adobe Photoshop.

THEOLOGY DEPARTMENT ELECTIVES

PEER MINISTRY

Credit 1: Course No. 171 (Grade 12) (Elective)

In the Spring, 11th grade students are invited to apply for the role of Peer Minister. Those selected as Peer Ministers will take the Peer Ministry course. They will build self-awareness, develop a spirituality based on contemplation and action, and investigate, both spiritually and academically, the roles of Christian service and leadership. Through course readings and discussions, students will develop their own spirituality and leadership skills, which they will use as student leaders for the Kairos retreat and peer mentors for 9th grade students. This course is not in place of the 12th grade theology course, but rather is an additional theology class.

***Prerequisites:* Students must submit an application with a faculty recommendation and go through a rigorous interview process with the Campus Ministry office. The Campus ministry office will then select approximately 30 students from this applicant pool.**

PHILOSOPHY OF POWER AND PRIVILEGE

Credit .5: Course No. 196 (Grade 11 & 12) (Elective)

This semester course explores philosophical questions around the possession and use of “power,” and the different dimensions of unearned privilege that separate society into oppressed and oppressor groups. Different understandings of power will be defined and critiqued, and the ethics of using or acquiring those types of power analyzed. Students will learn about “the problem of universals,” and explore how perspectives of “essentialism” and “nominalism” compete to inform them as they discern their ethical responsibilities in responding to privilege gaps in human society.

INDEPENDENT STUDY: INTRODUCTION TO THE PHILOSOPHY OF RELIGION

Credit 1: Course No. 195 (Grade 12 Only) (Elective)

Unlike Theology, which has been characterized as “faith seeking understanding,” the Philosophy of Religion could be seen as “logical engagement with themes usually explored through spirituality.” Within this field, questions are debated in detail about the nature and existence of God, goodness, omnipotence, vocabulary about divine attributes, the universe, time, evidence and belief, providence, miracles, divine intervention, spiritual experience, evil, suffering, and pain, and the interplay between faith and science. Students in this course will engage readings in these topics, developing an ability to comprehend the rational arguments and respond to them in written form with clarity. If certain circumstances are met, the student may complete their senior thesis in this field

MATHEMATICS DEPARTMENT

The Bishop McNamara Mathematics department prepares students to perform both practical mathematical tasks and sophisticated operations. Students begin a course of study best suited to their mathematical preparation in elementary school. All students are taught to recognize patterns, interpret charts and graphs, and manipulate equations and functions to solve real world problems, manipulate real and imaginary numbers, appreciate mathematical properties and laws, and use technology appropriately in solving mathematical problems. Students are required to complete a summer math packet which will be graded on correctness and completion. The summer packet grade will be part of the first quarter average for their current mathematics course. Four credits of Mathematics are required for graduation. Decisions regarding placement for the next academic year are based on the first semester performance. If student performance declines during the second semester, course placement may be adjusted. Students who receive a final grade of D or F must successfully complete summer school in order to proceed to the next level, with the exception of Geometry courses. If a student receives a grade of D in Geometry it is recommended that he or she complete summer school but it is not required. All students that receive an F in Geometry must complete summer school. All students must get current Mathematics teacher's signature for the next school year's Mathematics course selection.

Options for the Four-Year Mathematics Curriculum

	9 th Grade	10 th Grade	11 th Grade	12 th Grade
College Preparatory Program I	Algebra I with Lab	Algebra II	Geometry	Algebra III
College Preparatory Program II	Algebra I	Algebra II	Geometry	Pre-Calculus, FT Statistics
*Honors Program I	Honors Algebra I	Honors Algebra II	Honors Geometry	Honors Pre-Calculus (Statistics)
*Honors Program II	Honors Algebra II	Honors Geometry with Trigonometry	Honors Pre-Calculus Advanced	AP Calculus Honors Calculus (AP Statistics)

**In order to remain in the honors program students must maintain a C+ average or higher (some require a B-), exhibit work consistent with an Honors Math program, and have approval of current math teacher.*

ALGEBRA I

Credit 1: Course No. 512 (Grade 9)

This first course in Algebra serves as a foundation for the advanced math courses. It emphasizes evaluating polynomials, factoring, solving polynomial equations, graphing simple rational and irrational expressions, solving quadratic equations and inequalities, and problem solving. Students will be placed into this course based on their seventh and eighth grade math grades, their performance on standardized testing, and their results on the Bishop McNamara math placement test.

ALGEBRA I LAB

Credit .5: Course No. 513 (Grade 9)

This year-long workshop, required of some students based on placement test scores, will provide additional instruction in concepts covered in Algebra I. Students will learn innovative methods for problem solving and review material in a cooperative learning environment. Students will also complete projects and labs that connect Algebra I concepts to real-world problems.

HONORS ALGEBRA I

Credit 1: Course No. 511 (Grade 9)

This course is designed for motivated students who have a strong background in math but have not yet successfully completed a full year of Algebra I at the high school level. This course covers the Algebra I concepts such as evaluating and solving polynomial equations, an in-depth study of functions and their graphs, graphing rational and irrational expressions, simplifying and solving radical equations, and an in-depth study of problem solving in an accelerated manner. Students are placed into this course based on their seventh and eighth grade math grades, their performance on standardized testing, and their results on the Bishop McNamara math placement test.

HONORS ALGEBRA II

Credit 1: Course No. 538F (Grade 9)

This course is designed for those students with a strong background in Algebra I but who need some review before proceeding onto topics covered in Algebra II. The course covers the topics in Algebra I and then extends these initial topics into the next level, Algebra II. Students will also be introduced to new topics such as logarithms, rational functions and conic sections. Students are placed into this course based on their seventh and eighth grade math grades, their performance on standardized testing, and their results on the Bishop McNamara math placement test.

ALGEBRA II

Credit 1: Course No. 535, 537G (Grade 10)

Students will build upon the concepts mastered in Algebra I. Topics will include systems of equations, real numbers, graphing, linear systems, radicals, operations with polynomial equations, rational and irrational numbers, complex numbers, quadratic equations and functions. Exponential and logarithmic equations will also be covered.

Prerequisite: Algebra I/Lab (Grade of C- or higher), and approval from current math.

HONORS GEOMETRY/TRIGONOMETRY

Credit 1: Course No. 521 (Grade 10)

This accelerated course is designed for those mathematically capable students who have successfully completed Honors Algebra II or approval of department chairperson.. Topics include plane, solid, analytic geometry and will finish with a comprehensive study of trigonometry.

Prerequisites: Honors Algebra II, Course 538f (Grade of B- or higher) and approval of current math teacher.

HONORS ALGEBRA II

Credit 1: Course No. 538S (Grades 10, 11)

This is an accelerated Algebra II course that emphasizes algebraic expressions and forms, especially linear and quadratic forms; powers and roots; and functions based on these concepts. Students study logarithmic, polynomial and other special functions. A graphing calculator (TI-83 or TI-84) is required for this course.

Prerequisites: Algebra I (A average) or Honors Algebra I (with a grade of C+ or higher) and approval of current math teacher.

GEOMETRY

Credit 1: Course No. 522, 523G (Grade 11)

A course in plane and solid geometry covering definitions, theorems, and proofs related to parallel lines, angles, triangles, and circles. Coordinate geometry, areas and volumes of geometric shapes and solids, right triangle trigonometry, and an introduction to trigonometric identities will also be covered within the curriculum.

Prerequisite: Algebra II

HONORS GEOMETRY

Credit 1: Course No. 520 (Grades 10,11)

This accelerated geometry course will include topics related to plane, solid, and analytic geometry. There is an emphasis on proofs of theorems using two column proofs in the first semester of this course. The course also will cover topics relating to right triangle trigonometry.

Prerequisites: Honors Algebra II (Grade of C+ or higher) and approval of current math teacher.

HONORS PRE-CALCULUS

Credit 1: Course No. 532 (Grades 11, 12)

An advanced course in functions, trigonometry, and analytic geometry for students who plan to study science/engineering subjects in college. Juniors taking this course will ordinarily take Honors Calculus the following year. A graphing calculator (TI 83/ 84 only) is required for this course.

Prerequisites: Honors Geometry (C+ or better) Honors Geometry/Trigonometry (C or better), and approval of current math teacher.

HONORS PRE-CALCULUS ADVANCED

Credit 1: Course No. 533 (Grades 11)

An advanced course in functions, trigonometry, and analytic geometry for students who plan to study science/engineering subjects in college. Students taking this course will ordinarily take Advanced Placement Calculus the following year. A graphing calculator (TI 83/ 84 only) is required for this course.

Prerequisites: Honors Geometry/Trigonometry (C+ or better), and approval of current math teacher.

FUNCTIONS AND TRIGONOMETRY

Credit 1: Course No. 545 (Grades 11, 12)

Students will study sequences and series then go into a review of core Algebra II topics. The course will then launch into a study of functions such as linear, quadratics, radical, rational, exponential, and logarithmic. The second part of the course will study the unit circle and the six trigonometric functions and how they relate to right and oblique triangles. All students will finish the year completing an end of the year project. A graphing calculator (TI 83/ 84 only) is required for this course.

Prerequisites: Algebra II (C or higher) and approval of current math teacher.

ALGEBRA III

Credit 1: Course No. 542 (Grades 11, 12)

This course emphasizes problem solving, everyday applications, and the use of technology and reading, while developing and maintaining basic skills. This course extends the Algebra II curriculum. In the first semester, students will review material included on the SAT and improve test-taking strategies. Then the course will focus on advanced algebraic concepts, such as exponential and logarithmic functions and concepts in right triangle trigonometry. All students are required to complete an end of a year project. A graphing calculator (TI 83/ 84 only) is required for this course.

Prerequisites: Algebra II and approval of current math teacher.

PRE-CALCULUS

Credit 1: Course No. 530 (Grades 11, 12)

This course includes the study of functions, analytic geometry, trigonometry, and statistics. A graphing calculator (TI-83 or TI-84) is required for this course.

Prerequisite: Algebra II (C+ or higher).

HONORS CALCULUS

Credit 1: Course No. 586 (Grades 12)

This Honors Level course includes an in-depth review of core Pre-Calculus topics needed for the study of Calculus. Students will study limits, differentiation, and integration, and their applications. A graphing calculator (TI-83 or 84) is required for this course.

Prerequisite: Honors PreCalculus (C+ or higher), and approval of current math teacher

ADVANCED PLACEMENT CALCULUS AB

Credit 1: Course No. 550 (Grades 11, 12)

This Advanced Placement level course includes the study of limits, differentiation, integration, and conic sections. Students in this course are required to commit to more out-of-class work than is normally required for mastery of a high school course and are required to take the Advanced Placement Calculus AB test at the end of the course. A graphing calculator (TI-83 or TI-84) is required for this course.

***Prerequisites:* Honors Pre-Calculus Advanced (Grade of B or higher) and approval of current math teacher.**

ADVANCED PLACEMENT CALCULUS BC

Credit 1: Course No. 587 (Grades 11, 12)

This Advanced Placement Calculus BC curriculum covers all topics in Advanced Placement Calculus AB (see above), as well as in depth investigations of the following: polar, parametric, and vector equations, areas, volumes, particle motion, arc length, sequences and series. Students are required to take the Advanced Placement Calculus BC test at the end of the course. A graphing calculator (TI-83 or TI-84) is required for this course.

***Prerequisites:* Honors Pre-Calculus Advanced (Grade of A- or higher) and approval of current math teacher.**

ADVANCED PLACEMENT STATISTICS

Credit 1: Course No. 558 (Grades 11, 12)

This Advanced Placement level course is designed to explore important concepts in statistics. Students will study in-depth techniques and applications of statistics. Topics will include organizing data, averages and variation, regression and correlation, probability and binomial distributions, normal distribution, estimation, hypothesis testing, difference testing, Chi-Square testing, and linear regression. A graphing calculator (TI-83 or TI-84) is required for this course.

***Prerequisites:* Honors Pre-Calculus (Grade of C+ or higher) and approval of current math teacher.**

STATISTICS

Credit 1: Course No. 559 (Grades 11, 12)

This course will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will frequently work on projects involving the hands-on gathering and analysis of real world data. Ideas and computations presented in this course have immediate links and connections to actual events. Technology will allow students to focus deeply on the concepts involved in statistics. A graphing calculator (TI 83/ 84 only) is required for this course.

***Prerequisites:* Algebra II (B+ or higher), concurrently enrolled in Pre-Calculus or Calculus, and approval of current math teacher**

PERSONAL FINANCE

Credit .5: Course No. 462 (Grades 10, 11, 12) (Elective)

In this one semester course, students will acquire a basic knowledge of personal finance, including budgeting and long-term financial planning, banking, credit, investing and taxes. Students will also explore strategies for sound financial decision-making. The course will provide a brief introduction to general financial principles for businesses as well.

Note: This course does not fulfill math course graduation requirements. It may only be used to fulfill an elective requirement.

MODERN AND CLASSICAL LANGUAGES

The goals of the Modern and Classical Languages department reflect those of the American Council on Teaching of Modern and Classical Languages. Through the study of a Modern and Classical Language at Bishop McNamara, students will learn to speak, listen, read and write in the target language(s), as well as grow in awareness of the different cultures which give vitality to the language(s).

Two consecutive years of study of the same language fulfill the minimum requirement; three or more years are encouraged. Placement exams are given in May to incoming students who have had previous experience with at least one of the languages offered at Bishop McNamara High School. Students with no prior experience will be placed after close evaluation of standardized tests and teacher recommendation.

As students continue in the studies of their chosen language, there may be reason or opportunity to change from one program to another.

Decisions regarding placement for the next academic year are based on the first semester performance. If student performance declines during the second semester, course placement will be adjusted. Students who do not meet prerequisites, but wish to continue on to the next level must gain approval of the department chairperson.

AMERICAN SIGN LANGUAGE I

Credit 1: Course No. 857 (Grades 9, 10, 11, 12)

This full year course will examine the history of American Sign Language (ASL), the basics of the language and the background of Deaf Culture, all of which are interrelated. Nuances of Deaf Culture will be presented, discussed and enjoyed with the benefit of guest speakers who are deaf. Students will learn the American Manual Alphabet and a repertoire of signs that will enable them to engage in basic conversation with a user of ASL. ASL, which is a true language most similar to Mandarin Chinese in grammatical structure, will be studied in terms of grammatical structure, verb-noun use, parameters, and sentence types.

AMERICAN SIGN LANGUAGE II

Credit 1: Course No. 858 (Grades 9, 10, 11, 12)

This full year course will build on the foundation established in ASL I. Students will build on their sign vocabulary. A more intense examination of the grammatical features of ASL will be studied. Descriptive features of ASL, especially those incorporating classifiers, use of space and proximities will be developed. Students will work on their receptive understanding of ASL, a feature of the language that is notoriously very difficult for those who are not native ASL users.

Prerequisite: American Sign Language I (Grade C– or higher).

HONORS ARABIC I

Credit 1: Course No. 845 (Grades 9,10,11,12)

This introductory course focuses on the modern standard Arabic and dialects as well as reading, writing, speaking, listening and culture. This course is designed for students who are interested in learning the basics of the Arabic language and culture. At the end of this course, students should be able to communicate with Arabic speakers on a basic level.

Prerequisite: Teacher approval

HONORS ARABIC II

Credit 1: Course No. 846 (Grades 10, 11, 12)

Following a review of the materials studied in the first year of the language, this course is a continuation of skills acquired in Arabic I, with a growing awareness and appreciation of the language and cultures of the Arabic-speaking world.

Prerequisite: Arabic I (Grade of C or higher).

FRENCH I

Credit 1: Course No. 811 (Grades 9, 10, 11, 12)

This first year of foreign language study introduces the student to basic vocabulary and grammar in the target language. Methods of learning and assessment include audio-visual activities and games, as well as basic speaking, reading and writing.

HONORS FRENCH I

Credit 1: Course No. 809 (Grades 9, 10, 11, 12)

This course is designed for those students whose aptitudes in English and Math are above average. This course follows the basic subject matter of that of French I, but Honors differs in the pace of the course as well as in the independent assignments given.*

Prerequisite: Teacher's approval.

FRENCH II

Credit 1: Course No. 812 (Grades 9, 10, 11, 12)

Following a review of the materials studied in the first year of the language, this course stresses the audio-lingual approach with continued emphasis on conversation, reading, writing, and visual activities accompanied by the development of more complex structural patterns. Students are provided a deeper insight into the foreign culture and civilization.

Prerequisite: French I (Grade of C or higher).

HONORS FRENCH II

Credit 1: Course No. 826 (Grades 9, 10, 11,12)

Course follows the basic structure of French II. Honors differs in the pace of the course as well as in the independent work assignments given.*

Prerequisites: Teacher's approval and Honors French I (Grade of B or higher).

HONORS FRENCH III

Credit 1: Course No. 813 (Grades 9, 10, 11, 12)

The third year of honors foreign language study begins with a brief review of the first and second years of grammar followed by a gradual development of more complex grammatical structures with concentration on the subjunctive mood. Methods of learning and assessments include audio-visual activities, reading, writing and conversation. Students are expected to speak French 80% of the time. *

Prerequisites: Teacher's approval and French II (Grade of B or higher).

****NOTE: Students taking these courses are required to take the National French Exam which has a fee of approximately \$15.00.***

HONORS FRENCH IV

Credit 1: No. 814 (Grades 11, 12)

The fourth year French course focuses on reading and listening comprehension, essay writing and continuously improving fluency in speaking. This course also emphasizes the mastery of complex grammar points so as to allow students to enjoy reading a complete novel in French.*

***Prerequisites:* Teacher's approval and French III Honors (Grade of B or higher).**

ADVANCED PLACEMENT FRENCH LANGUAGE

Credit 1: No. 871 (Grades 11, 12)

This course prepares students to take the AP French exam in May. The focus here is on mastering the speaking, reading, writing and comprehension skills necessary to go into the exam with confidence.*

***Prerequisites:* Teacher's approval and Honors French IV (Grade of B or higher).**

SPANISH I

Credit 1: Course No. 821, 818G (Grades 9, 10, 11, 12)

This first year of foreign language study introduces the student to basic vocabulary and grammar and teaches beginning conversation skills. Methods of learning and assessment include speaking, reading, listening, writing and audio-visual activities.

HONORS SPANISH I

Credit 1: Course No. 817 (Grades 9, 10, 11, 12)

This course is designed for those students whose aptitudes in English and Math are above average. This course follows the basic subject matter of that of Spanish I, but Honors differs in the pace of the course and students are expected to be able to work independently.*

***Prerequisite:* Teacher's approval.**

SPANISH II

Credit 1: Course No. 822, 819G (Grades 9, 10, 11, 12)

This course stresses the audio-lingual approach with continued emphasis on conversation, reading, listening and writing. Following a review of the material studied in the first year of the language, students will continue the study of Spanish by increasing their vocabulary and developing an understanding of and ability to produce more complex structural patterns. Students are also provided a deeper insight into the Spanish-speaking cultures and civilizations.

***Prerequisite:* Spanish I (Grade of C- or higher).**

HONORS SPANISH II

Credit 1: Course No. 827 (Grades 9, 10, 11, 12)

This course follows the basic structure of Spanish II but differs in the pace of the course and students are expected to be able to work independently.*

***Prerequisites:* Teacher's approval and Honors Spanish I (Grade of B or higher).**

****NOTE: Students taking these courses are required to take the National French or Spanish Exam which has a fee of approximately \$15.00.***

SPANISH III

Credit 1: Course No. 825 (Grades 9, 10, 11, 12)

This third year of foreign language study begins with an intensive review of the grammar and vocabulary learned during the first and second years of language study followed by development of more complex grammatical structures. The course will focus on the present and past tenses, object pronouns, vocabulary acquisition, and conversational Spanish while emphasizing proper pronunciation. Methods of learning and assessment include audio-visual activities, reading, writing and conversation. Students are expected to speak Spanish 60% of the time.

***Prerequisites:* Teacher's approval and Spanish II (Grade of B or higher).**

HONORS SPANISH III

Credit 1: Course No. 823 (Grades 9, 10, 11, 12)

The third year of honors foreign language study begins with a brief review of the first and second years of grammar followed by a gradual development of more complex grammatical structures with concentration on the subjunctive mood. Methods of learning and assessments include audio-visual activities, reading, writing and conversation. Students are expected to speak Spanish 80% of the time. *

***Prerequisites:* Teacher's approval and Honors Spanish II (Grade of B or higher).**

SPANISH IV

Credit 1: Course No. 830 (Grades 10, 11, 12)

The fourth year of foreign language study begins with an intensive review and in-depth investigation of the present, preterit and imperfect tenses. In addition, this course will concentrate on the development of better conversation skills and more complex grammatical structures, specifically the command forms, the subjunctive mood, and the future and conditional tenses. Methods of learning and assessment include audio-visual activities, reading, writing and conversation. Students are expected to speak Spanish 80% of the time.

***Prerequisites:* Teacher's approval and Spanish III (Grade of C or higher).**

HONORS SPANISH IV

Credit 1: Course No. 824 (Grades 10, 11, 12)

This honors course is designed for those students with a proven comprehension and experience of the Spanish language and who plan to continue their foreign language studies at the university level. Students will do an ongoing and thorough review of previously acquired grammar concepts through the study of literature, history and culture. There is great emphasis placed on writing, speaking and reading more difficult materials. Continued vocabulary building and increasingly complex linguistics are fundamental as the desired goal is to be ready for the more rigorous language courses in either grade 11 or 12. The class is conducted almost entirely in Spanish and students are expected to participate fully in every aspect of the class.*

***Prerequisites:* Teacher's approval and Honors Spanish III (Grade of B or higher).**

****NOTE: Students taking these courses are required to take the National Spanish Exam which has a fee of approximately \$15.00.***

HONORS SPANISH V

Credit 1: Course No. 828 (Grades 10, 11, 12)

This course is designed for students to continue work on mastering reading, writing, speaking and listening skills. Students go through a rigorous review of Spanish grammar, enjoy reading Spanish and Latin American authors in the original Spanish (while learning about the socio/political background of the authors and their times), discuss (in Spanish) topics of interest, refine writing, watch movies in Spanish, etc.*

***Prerequisites:* Spanish IV Honors average of B or higher and written permission of your current Spanish teacher.**

ADVANCED PLACEMENT SPANISH LANGUAGE AND CULTURE

Credit 1: Course No. 873 (Grades 10, 11, 12)

This course is designed to prepare students for the AP Spanish Language exam in May. Students focus on mastering complex grammar, building up vocabulary, analyzing reading passages, honing listening and speaking skills, and writing clearly and precisely in order to go into the exam with confidence and a solid foundation.*

***Prerequisites:* Spanish IV or V Honors average of B or higher and written permission of 4th or 5th year teachers and the department chairperson.**

ADVANCED PLACEMENT SPANISH LITERATURE AND CULTURE

Credit 1: Course No. 874 (Grades 11, 12)

This course is designed for students who wish to study the literary traditions of both Spain and Latin America in preparation for the AP Spanish Literature exam in May. Students will read authors from the Middle Ages in Spain through the 20th Century Latin America, while acquiring some understanding of the historical contexts of the authors and their works.*

***Prerequisites:* Students must have already taken and passed the AP Spanish Language exam or they must obtain written permission from the department chairperson.**

LATIN AMERICAN FILM & CULTURE

Credit .5: Course No. 820 (Elective)

This semester course uses Spanish language Cinema from the 20th and 21st centuries to explore thematic ideas that give cultural context to everyday realities of Latin America and Spain. The course will examine the cultural, social and historical events that inspired these films such as Civil War in Spain and El Salvador, military regimes in Chile, and Argentina, immigration, group identity versus individualism and humor. Class discussions, guided presentation, debates and academic articles will be used to compare and contrast similar themes as they play out in the contemporary culture of Hollywood and the United States.

***Prerequisite:* Spanish I.**

****NOTE: Students taking these courses are required to take the National Spanish Exam which has a fee of approximately \$15.00.***

ONLINE MODERN AND CLASSICAL LANGUAGE COURSES

Admittance into these courses require the Academic Dean's approval according to the following criteria:

- Performance in all subject areas that impact the online course criteria.
- Demonstrate success with primarily A grades in honor level classes.
- Interview.

HONORS GERMAN I Part 1

Credit .5: Course No. 802 (Grades 10, 11, 12) (Elective)

In this introductory online German language course, students will learn to speak and write German and understand spoken and written German. Lessons focus on how to greet people and say goodbye; tell your age; ask the time; talk about school, hobbies, the weather, the seasons, days of the week, TV programming, vacations; and order a meal or something to drink in a restaurant.

Prerequisites: See page 8.

HONORS GERMAN I Part 2

Credit .5: Course No. 803 (Grades 10, 11, 12) (Elective)

See the above description.

Prerequisites: Successful completion of Honors German I Part 1 and see page 8.

HONORS GERMAN II Part 1

Credit .5: Course No. 804 (Grades 10, 11,12) (Elective)

This course is designed for students who have completed one year of German. It expands on reading, writing, listening, and speaking skills. Students also study cultural aspects of German-speaking countries.

Prerequisites: Honors German I (Grade of C or higher) and see page 8.

HONORS GERMAN II Part 2

Credit .5: Course No. 805 (Grades 10, 11,12) (Elective)

See the above description.

Prerequisites: Successful completion of Honors German II Part 1 and see page 8.

HONORS JAPANESE I Part 1

Credit .5: Course No. 861 (Grades 10, 11, 12) (Elective)

This course is designed for students who have not previously studied Japanese. Students will learn the basics of conversational Japanese, as well as Japanese geography, history, and culture. Activities will provide practice in reading and speaking Japanese. Japanese has three writing systems; students will learn hiragana and be introduced to some kanji and katakana characters. Other lesson topics include speaking politely, meeting people, family, leisure activities, time, days of the week, and morning routines.

Prerequisites: See page 8.

HONORS JAPANESE I Part 2

Credit .5: Course No. 862 (Grades 10, 11, 12) (Elective)

See the above description.

Prerequisites: Successful completion of Honors Japanese I Part 1 and see page 8.

HONORS LATIN I

Credit 1: Course No. 837 (Grades 9, 10, 11, 12)

This course introduces the basics of Latin vocabulary and grammar and discusses aspects of the history and culture of ancient Romans. It is designed to help students understand English better and make it easier for them to learn other foreign languages that are descended from Latin.

HONORS LATIN II

Credit 1: Course No. 838 (Grades 10, 11, 12)

This course introduces students to advanced principles of Latin grammar, namely the subjunctive mood and its various uses. Additional Latin vocabulary and readings about ancient Roman culture bring students to the brink of their ultimate goal: reading extended passages of Latin literature and, it is hoped, a better understanding of their own language.

Prerequisites: Honors Latin I (Grade of C or higher) .

PHYSICAL EDUCATION DEPARTMENT

Physical Education serves to enhance appreciation of sport and physical skills, while fulfilling the psychological needs of all participants (not just winners). It serves to facilitate self-esteem by providing an outlet and structure for self-determined, competent engagement, within a social context. Our goal is the promotion of the kind of interest and participation in physical activity that extends beyond the program, perhaps to a lifelong involvement with physical fitness and constructive athletics. Elective courses are also offered to students who are interested in developing more specific athletic skills or to learn and practice in the field of sports medicine and athletic training.

Note: A Bishop McNamara P.E. uniform is required for all Physical Education courses, excluding Sports Medicine and Health. These uniforms are available for purchase in our bookstore.

LIFETIME SPORTS

Credit :5: Course No. 931 (Grades 10, 11, 12) (Elective)

This one semester course is offered to continue to broaden the student's understanding and enjoyment of team sports. The student will participate in four of the following sports throughout the semester: basketball, football, speedball, volleyball, soccer, lacrosse, floor hockey and softball. Students will be introduced to offensive and defensive plays as well as taking skills tests, giving reports and taking written exams.

PERSONAL FITNESS

Credit :5: Course No. 932 (Elective)

This course is designed for those students interested in beginning or continuing a training program to improve their overall health and fitness. It will provide the fundamentals necessary to build a comprehensive weight lifting and fitness program. Each student will have a portfolio which will include their weight training and cardio goals. There will be lectures on various training programs, nutritional needs, proper sleep and the effects of fatigue. Students will be expected to set and meet individual workout goals for their desired outcome by the end of the semester.

SPORTS MEDICINE

Credit 1: Course No. 992 (Grades 11, 12) (Elective)

This course will introduce students to the field of sports medicine. Emphasis will be placed on basic principles and terminology regarding general causes and consequences of athletic injuries. Students will gain a basic knowledge of anatomy, first aid, preventative measures, and rehabilitative techniques. The course will also involve practical experience in which the students will be required to attend 30 hours of athletic events throughout the year and do a report based on their experience. This opportunity allows students to apply classroom information while obtaining first-hand experience of athletic training.

WALKING FOR WELLNESS

Credit :5: Course No. 933 (Grades 10, 11, 12) (Elective)

This course is designed for students interested in walking as a lifetime exercise. The focus will be on teaching proper walking techniques, which will enhance the student's overall cardiovascular fitness, muscular endurance, posture, and flexibility. A walking journal, a fitness walking test, and nutritional education will be included. We will also enter into various Yoga movements these exercises will be done slowly with relaxed rhythmic breathing. Yoga helps avoid strains and injuries. Lastly the course will also introduce in Meditative Breathing throughout the semester.

WOMEN'S FITNESS

Credit :5: Course No. 934 (Grades 10, 11, 12) (Elective)

The purpose of this course is to offer females an environment to discover new ways to stay fit for life and learn more about personal and female health issues. Activities will emphasize women's life fitness and wellness, and could include core fitness training, nutrition analysis, aerobics, strength training, cardiovascular training, and many other fitness activities. Women's Fitness will provide students with necessary information to improve fitness levels starting at any level. Students will be taught a variety of fitness activities that can be performed outside of class. This course encourages students to establish a healthy lifestyle and aids in participants learning and practicing exercises that will assist in their academic, social, emotional, and physical challenges of life. Students taking this course will also be guided on how to set goals, develop a program and monitor themselves to ensure success in maintaining a healthy lifestyle.

SCIENCE DEPARTMENT

The Science Department believes that science is an important part of the education of our students and that science courses can help teach our students to think rationally and logically, to communicate orally and in writing, to handle lab equipment with confidence, to design and conduct experiments, and to analyze data both graphically and statistically. We expect that our students will be able to apply what they are learning to their everyday problem-solving situations. Three credits of science are required for graduation. All course prerequisite grades are based on the first semester performance and placement is determined by a student's current science teacher(s). If student performance declines during the second semester, course placement will be adjusted.

Options for the Four-Year Science Curriculum

	9 th Grade	10 th Grade	11 th Grade	12 th Grade
College Preparatory Program	Conceptual Physics	Biology	Chemistry	Elective AP Physics
Honors Program I	Honors Conceptual Physics	Honors Biology	Honors Chemistry	AP Biology AP Chemistry Elective AP Physics 1
Honors Program II	Honors Biology	Honors Chemistry	AP Physics 1 AP Biology AP Chemistry	AP Physics C AP Biology AP Chemistry Elective

CONCEPTUAL PHYSICS

Credit 1: Course No. 602 (Grade 9)

This laboratory course focuses on a conceptual understanding of physics. The goal of the course is for students to actively pursue an understanding and appreciation of the laws that govern matter and energy and their interactions through integrated algebraic problem-solving skills. This course will introduce students to major topics of the physical world, such as motion, energy, properties of matter, and electricity. It provides preparation for subsequent studies of Biology and Chemistry. This course is required of all freshmen not enrolled in Honors Conceptual Physics or Honors Biology.

HONORS CONCEPTUAL PHYSICS

Credit 1: Course No. 604 (Grade 9)

Honors Conceptual Physics is a quick paced algebraic approach to physics in which problem solving is the emphasis. This course will introduce students to major topics of the physical world, such as motion, energy, properties of matter, and electricity. This course also touches on topics more in depth mathematically and conceptually than Conceptual Physics. It provides preparation for subsequent studies of Biology and Chemistry. Students will be placed in this course based on the Bishop McNamara science placement test, the freshman mathematics course placement, the standardized test scores, and the seventh and eighth grade science grades.

HONORS BIOLOGY

Credit 1: Course No. 624F (Grade 9)

The goal of the course is to thoroughly explore core biological themes of cell structure and function, genetics, evolution and systematics, while extending students' science laboratory, inquiry, and analytical skills. Emphasis is placed on the unifying concepts of evidence and explanation, form and function, and evolution and equilibrium. Laboratory investigations extend skills in experimental design and data analysis. This course is intended for students who wish to move at a fast pace and to study some topics in greater depth. This curriculum includes a summer assignment such as a poster project or assigned reading/report. Students will be placed in this course based on the Bishop McNamara science placement test, the freshman mathematics course placement, the standardized test scores, and the seventh and eighth grade science grades.

BIOLOGY

Credit 1: Course No. 640 (Grade 10)

The goal of the course is to thoroughly explore core biological themes of cell structure and function, genetics, evolution and classification, while extending students' science laboratory, inquiry, and analytical skills. Emphasis is placed on the unifying concepts of evidence and explanation, form and function, and evolution. Laboratory investigations extend skills in experimental design and data analysis. This course is required of all sophomores not enrolled in Honors Biology or Honors Chemistry.

Prerequisite: Conceptual Physics.

HONORS BIOLOGY

Credit 1: Course No. 624S (Grade 10)

The goal of the course is to thoroughly explore core biological themes of cell structure and function, genetics, evolution and systematics, while extending students' science laboratory, inquiry, and analytical skills. Emphasis is placed on the unifying concepts of evidence and explanation, as well as, form and function. Laboratory investigations extend skills in experimental design and data analysis. This course is intended for students who wish to move at a faster pace and to study some topics in greater depth. This curriculum includes a summer assignment such as a poster project or assigned reading/report.

Prerequisites: Conceptual Physics (A average) or Honors Conceptual Physics (Grade of B or higher) and approval of the student's current science teacher.

CHEMISTRY

Credit 1: Course No. 662 (Grades 11, 12)

Chemistry is a lecture and laboratory course. The goal of the course is to acquaint students with modern chemical principles. Laboratory work provides the basis for development of unifying principles. Careful attention will be given to the development of problem solving skills, and to scientific process skills of measurement and equipment use.

Prerequisites: Conceptual Physics and Biology.

HONORS CHEMISTRY

Credit 1: Course No. 661S, 661J (Grades 10, 11)

This course is a lecture and laboratory course, open to students who are interested in pursuing a science-related career. The goal of the course is to acquaint students with modern chemical principles. Laboratory observations and measurements will lead to the development of unifying principles, which are used to interrelate diverse phenomena. Topics include atomic theory, the nature of matter, chemical periodicity, the mole concept, chemical reactions, acid-base behavior, oxidation-reduction, and chemical bonding. Careful attention is given to the development of problem solving skills, and to scientific process skills of measurement and equipment use.

Prerequisites: Biology (A average) or Honors Biology (Grade of B or higher) and approval of the student's current science teacher.

ADVANCED PLACEMENT BIOLOGY ** Application Required**

Credit 1: Course No. 620 (Grades 11, 12) (Elective)

AP Biology is designed to be the equivalent of a college introductory biology course usually taken by biology majors during the first year. Students will take the AP Examination in Biology for possible college credit. AP Biology includes detailed study of molecules and cells, genetics and evolution, principles of taxonomy, plant and animal organisms, and ecological relationships. Laboratory exercises provide opportunities for students to learn about problem solving, techniques of research, and the use of scientific literature. This curriculum includes a summer assignment typically consisting of purchasing a consumable workbook, assigned reading/report, and a biological diversity portfolio project. Students may also be required to complete labs outside of class time during the school year.

Prerequisites: Biology (A average) or Honors Biology (Grade of B or higher); Chemistry (A average) or Honors Chemistry (Grade of B or higher), successful completion of the course application process, and approval of the student's current science teacher(s).

ADVANCED PLACEMENT CHEMISTRY **Application Required**

Credit 1: Course No. 660 (Grades 11, 12) (Elective)

AP Chemistry is the equivalent of a college introductory chemistry course. Students will take the AP examination in Chemistry for possible college credit. AP Chemistry includes a detailed study of atomic and molecular structure, periodic law, stoichiometry, chemical bonding, oxidation-reduction reactions, kinetic molecular theory, equilibrium, and thermodynamics. Lab experiments will be conducted in small groups and require either an informal or formal lab report.

Prerequisites: Chemistry (A average) or Honors Chemistry (Grade of B or better); Algebra II (A average) or Honors Algebra II (Grade of B or higher); successful completion of the course application process; and approval of the student's current science teacher(s). A summer review assignment will be assigned to ensure preparedness for ensuing coursework. Students may be required to complete labs outside of class time during the school year.

ANATOMY & PHYSIOLOGY

Credit 1: Course No. 651 (Grades 11, 12) (Elective)

Anatomy and Physiology provides an introduction to the study of the human body, its components, and how they function. The course and lab work will acquaint the student with the fundamental concepts of anatomy, and the physiological processes by which the body performs the many interrelated tasks of daily life. Themes which recur in the course are the relationship of structure and function, and homeostasis. Dissection is an integral and required part of this course. Outside reading and independent research are required of all students.

Prerequisite: Biology (Grade C- or higher).

ENVIRONMENTAL SCIENCE

Credit 1: Course No. 658 (Grades 11, 12) (Elective)

This class will include a scientific study of human interaction with the environment. Emphasis will be placed on the physical, chemical and biotic components of the Earth and how they all work together, as well as the impact and responsibilities of humans on the Earth's ecosystems.

Prerequisite: Biology (Grade C- or higher).

FORENSIC SCIENCE

Credit 1: Course No. 687 (Grades 11, 12) (Elective)

This class will explore the application of science to criminal and civil law. Emphasis will be on the role of forensic science at a crime scene, evaluation of trace evidence such as hair, fingerprints, DNA, and blood splatter, cause mechanism, and manner of death, including natural, unnatural and violent deaths, ballistics, and forensic anthropology.

Prerequisite: Biology (Grade C- or higher).

HONORS ANATOMY & PHYSIOLOGY **Application Required**

Credit 1: Course No. 653 (Grades 11, 12) (Elective)

This honors level course will explore the structure and the function of the various systems in the human body. Emphasis will be placed on gross anatomy and basic physiological functions of the body in relation to maintaining homeostasis. The course is presented through class lectures, text readings, and laboratory activities. Dissection is an integral and required part of this course; therefore, all students will be expected to participate in the dissection labs. Students in the honors course will be expected to apply analytical reasoning to the topics discussed and to complete outside reading and independent research on related medical topics.

Prerequisites: Biology (A average) or Honors Biology (Grade of B or higher); must be taking Chemistry concurrently or have earned a B or higher in Chemistry or Honors Chemistry; successful completion of the course application process; and approval of the student's current science teacher(s).

PHYSICS

Credit 1: Course No. 669 (Grades 11, 12) (Elective)

This course is designed for students in the college preparatory program who wish to further understand and appreciate the laws that govern matter and energy and their interactions. The course will go more in depth on topics covered in the conceptual physics class such as mechanics, heat, sound, light, electricity, and magnetism. Students should have a foundational knowledge of algebra and basic trigonometry.

Prerequisites: Biology and Chemistry. (Grade of C- or higher)

ADVANCED PLACEMENT PHYSICS 1

Credit 1: Course No. 693 (Grades 11, 12) (Elective)

This course is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits.

Prerequisites: Honors Geometry/Trigonometry (Grade B or higher) or Pre-Calculus (Grade B or higher) and approval of the student's current science teacher(s).

ADVANCED PLACEMENT PHYSICS C

Credit 1: Course No. 694 (Grade 12) (Elective)

The principal goal of this course is to teach students how to effectively read scientific material, identify fundamental concepts, reason through scientific questions, and solve quantitative problems. The AP Physics C Mechanics course focuses on Newtonian mechanics. The course involves the use of differential and integral calculus; therefore, the student should have taken a calculus math course or be currently enrolled in one.

Prerequisites: Previous physics course preferred and approval of the student's current science teacher(s). Course is to be taken concurrently with a calculus course.

ZOOLOGY

Credit 1: Course No. 641 (Grades 11, 12) (Elective)

This course will introduce students to the evolution and diversity of animal life on Earth. Emphasis will be placed on form and function, adaptations, behavior, and evolutionary relationships among the different animal groups. After an introduction to basic zoological principles, students will learn the defining characteristics of major animal groups. Dissection is a required and integral part of the course; all students will be expected to participate in the dissection labs.

Prerequisite: Biology (Grade C- or higher).

SOCIAL STUDIES DEPARTMENT

History and social studies are integral to a student’s liberal education. The disciplines involved teach thought processes, intellectual attitudes, and analytic methods that shape the way students look at the past, present and future. The Social Studies Department stresses the objective analysis of facts by the individual, the structuring of those facts to form a hypothesis and the presentation of both the facts and the hypothesis in a logical form. It is hoped that history students will come to understand the significance of the past, to develop historical empathy, to understand historical causation and the role of the individual and of change in history, and to realize that the world and the United States are both made up of many diverse cultures, yet in the case of the world, there is a shared humanity, and in the case of the United States, a shared culture and common experience. Four credits of Social Studies are required for graduation. Bishop McNamara is an affiliate school of the Gilder Lehrman Institute of American history (www.gilderlehrman.org).

Options for the Four-Year Social Studies Curriculum

	9 th Grade	10 th Grade	11 th Grade	12 th Grade
College Preparatory Program	Government & Politics	Western Civilization	US History	Global Studies
Honors Program I	Honors Government & Politics	Honors Western Civilization	Honors US History	Honors Global Studies
Honors Program II	Honors Government & Politics	AP European History	AP US History	Honors Global Studies

GOVERNMENT AND POLITICS

Credit 1: Course No. 315 (Grade 9)

The first semester of this course will provide a general introduction to the evolution of different political systems adopted by societies throughout history. A variety of specific case studies will be used to analyze these political systems. The second semester will examine the political structures of local, state and national government in the United States. This course provides a critical foundation for concepts and events addressed in the subsequent three years of the core social studies curriculum.

HONORS GOVERNMENT AND POLITICS

Credit 1: Course No. 316 (Grade 9)

The first semester of this course will provide a general introduction to the evolution of different political systems adopted by societies throughout history. A variety of specific case studies will be used to analyze these political systems. The second semester will examine the political structures of local, state and national government in the United States. This course provides a critical foundation for concepts and events addressed in the subsequent three years of the core social studies curriculum. Reading, writing and analysis requirements exceed those of the non-honors course.

WESTERN CIVILIZATION

Credit 1: Course No. 342 (Grade 10)

The student will study a chronological survey of the development of civilization in the Ancient, Classical, Medieval, and Modern Worlds of the West. European history is followed from its ancient heritage, its Judeo-Christian traditions and medieval period through to its modern impact upon the world by exploration, imperialism, and cross cultural impacts. Emphasis in modern times will be placed on contemporary issues and the emergence of global cultures.

HONORS WESTERN CIVILIZATION

Credit 1: Course No. 341 (Grade 10)

This honors course includes the survey of Western Civilization with an advanced emphasis on independent study and individualized assignments. Honors students are also asked to provide tutorial aid to students in Western Civilization. Emphasis will be placed on development of skills in lecture note taking, critical reading, and participant discussions.

***Prerequisite:* B+ final average in Honors Government and Politics or approval of department chairperson.**

ADVANCED PLACEMENT EUROPEAN HISTORY

Credit 1: Course No. 340 (Grade 10) (Elective for Grades 11, 12)

This course allows students to fulfill their requirement of studying Western Civilization through intensive study and analysis of the cultural, diplomatic, economic, political and social history of Europe since 1450. Students will study the chronology, trends and principle themes of modern European history, examine and interpret historical evidence, and express historical analysis in writing. The course is intended to prepare students for the college-level Advanced Placement examination in the spring.

***Prerequisites:* Final average of A in Freshman English Literature & Composition and B+ in Honors Government and Politics, completion of brief application project for the course, departmental recommendation and teacher approval.**

UNITED STATES HISTORY

Credit 1: Course No. 332 (Grade 11)

This course is an examination of the social, political, economic and intellectual history of the United States from the colonial period through the twentieth century.

HONORS UNITED STATES HISTORY

Credit 1: Course No. 331 (Grade 11)

This course is an examination of the social, political, economic and intellectual history of the United States from the colonial period through the twentieth century. Reading, writing and analysis requirements exceed those of the non-honors course.

***Prerequisites:* Minimum B+ final average in previous Social Studies course and approval of the department chairperson.**

ADVANCED PLACEMENT UNITED STATES HISTORY

Credit 1: Course No. 330 (Grade 11)

The AP U.S. History course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. history. Students will learn to assess historical materials—their relevance to a given interpretive problem, reliability, and importance—and to weigh the evidence and interpretations presented in historical scholarship. Students will develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. The course will cover pre-Columbian societies through the post-Cold War era. Students taking this course will be expected to take the Advanced Placement Exam in U.S. History.

***Prerequisites:* B+ final average in previous honors/AP level social studies course or A final average in previous college prep social studies course, successful completion of the application process, and approval of department chairperson.**

GLOBAL STUDIES

Credit 1: Course No. 347 (Grade 12)

In this course, focus will be given to the history, cultures and contemporary issues of the non-Western world and its peoples, to include: East Asia, Southeast and South Asia, the Middle East, sub-Saharan Africa, and Native and Latin America, with emphasis on both indigenous cultural development and cross-cultural exchange. An understanding of and appreciation for diverse traditions, beliefs, behaviors and points of view, will be emphasized.

HONORS GLOBAL STUDIES

Credit 1: Course No. 346 (Grade 12)

This honors course includes the same focuses as Global Studies but will hold students to a higher academic standard in the grading of exams, papers, and related class work and will require students to apply both analytical and integrative thinking to subject matter.

Prerequisites: B+ final average in previous social studies course and the satisfactory completion of an assigned writing sample.

ADVANCED PLACEMENT PSYCHOLOGY

Credit 1: Course No. 352 (Grades 11, 12) (Elective)

This course is the equivalent to college Psychology 101. It will introduce students to the systematic and scientific study of the field of modern psychology. Focus will be on the study of behavior emphasizing the biological, behavioral, cognitive and developmental perspectives. The conceptual issues that unify the subfields of psychology will be highlighted along with techniques and methods by which knowledge about brain, mind, thought and behavior is acquired and refined. College credit may be earned by passing the Advanced Placement Psychology exam in May.

Prerequisites: B+ average for seniors or A- average for juniors and in previous social studies course teacher's approval.

AFRICAN AMERICAN STUDIES

Credit .5: Course No. 336 (Grades 11, 12) (Elective)

This one semester course deals with the study of African American social, economic, cultural, and political history and intellectual life of American society from enslavement to modern day history. This course will include critical exploration of African American writers' contributions to American fiction, poetry, drama, non-fiction, and music.

Prerequisite: Satisfactory completion of the written application

ECONOMICS

Credit .5: Course No. 482 (Grades 11, 12) (Elective)

This one semester course is designed to provide an overview of the roles of the individual, business, government and foreign trade in the American economy. The individual economic roles of earning income, consuming and performing as a citizen are examined along with consumer activities of buying, saving, borrowing and investing. The supply of money, banking systems, and monetary and fiscal policies are reviewed. Additionally, the course discusses current events and the stock market to connect economic fundamentals to what is happening today.

WOMEN'S STUDIES

Credit .5: Course No. 379 (Grades 11, 12) (Elective)

In this one-semester survey course, male and female students will be introduced to the basic ideologies and approaches of women's studies in general, and will be provided a set of strategies by which the student may thoughtfully and analytically approach the images

PSYCHOLOGY

Credit 1: Course No. 351 (Grades 11, 12) (Elective)

This course is the study of human behavior and mental processes. In this survey course, a variety of subfields will be explored including learning and behaviorism, memory, child and adolescent development, intelligence, personality, motivation and emotion, abnormal and social psychology. Students will learn about the variety of psychological perspectives and research designs used to observe, predict and understand behavior.

US CIVIL RIGHTS AND HUMAN RIGHTS I

Credit .5: Course No. 375 (Grades 10, 11, 12) (Elective)

In this one-semester course students will study the history of civil rights and human rights in the United States. The approach will use significant historical events, Supreme Court case law, and modern day current events as the pedagogical backdrop for analysis and discussions. Topics will include but not be limited to race relations, the criminal justice system, the media's role in society's responses to civil rights/human rights issues, gender and sexual orientation discrimination as well as sex trafficking.

US CIVIL RIGHTS AND HUMAN RIGHTS II

Credit .5: Course No. 377 (Grades 10, 11, 12) (Elective)

This course will focus on events that have transpired in the past 10 years pertaining to civil rights and human rights of various demographic groups in the U.S. There will be an emphasis on the progress that this country has made, as well as, highlighting the continued areas of injustice that continue to be a challenge to the unity of this country. Areas that will be investigated will be race relations, gender discrimination, LGBTQ discrimination, human trafficking, school to prison pipeline, linguistic discrimination as well as other controversial and debated political topics. Movies, speakers and field trips will be important aspects of this course.

THEOLOGY DEPARTMENT

All students, whatever their religious background or heritage, participate in the Theology classes. The school requires four credits in theology for graduation. Students who transfer into the school from public schools are required to earn credit(s) in theology for as many years as they attend Bishop McNamara. Another requirement of religious education is participation in **The Holy Cross Service Program**. The Holy Cross Service Program gets students involved in learning outside the classroom by doing service.

Along with all Catholic high schools in the Archdiocese of Washington, our curriculum is in compliance with the "Doctrinal Elements of a Curriculum Framework for the Development of Catechetical Materials for Young People of High School Age" as implemented by the United States Conference of Catholic Bishops.

THEOLOGY 9: HOLY CROSS EXPERIENCE, THE REVELATION OF JESUS CHRIST IN SCRIPTURE & WHO IS JESUS CHRIST?

“Ignorance of Scripture is ignorance of Christ”

Credit 1: Course No. 191 (Grade 9)

This freshman level course is designed to achieve two goals. First, it acts as a primer for students by establishing a basic knowledge of the Holy Cross tradition and essential Catholic beliefs. After this introduction, students will study Sacred Scripture in depth. As they survey the stories and the teachings of the Bible, with the goal to see the history of God’s loving interactions with humanity, they will come to encounter the living Word of God, Jesus Christ. In this course, students will learn about the Bible, authored and inspired by God, and its value to people throughout the world. Students will study salvation history from Adam and Eve to the Incarnation, the fulfillment of God’s plan of salvation coming to understand that Jesus Christ is the ultimate Revelation to us from God. In learning about who He is, students will also learn who He calls them to be.

THEOLOGY 10: THE MISSION OF JESUS CHRIST & THE MISSION CONTINUES IN THE CHURCH

“Who do you say that I am? You are the Christ, the son of the living God.”

Credit 1: Course No. 192 (Grade 10)

During the sophomore year, students will examine both Jesus’ mission and how that mission continues in the Church. Students will begin by examining the mysteries of Christ’s life through an intensive study of the Gospels, at the heart of which, “...we find, in essence, a Person, the Person of Jesus of Nazareth, the only son of the Father...” (CCC426) and then studying how the Church continued Jesus’ work through the first centuries of Christianity. This course will consider in great depth Jesus’ public ministry and the Paschal mystery which accomplished our salvation and how that impacted first his apostles and then all those to whom they spread the Good News. In the second semester, students will study more closely early ecclesiology as revealed in Acts and the rest of the New Testament, as well as through the writings of the church fathers and early church councils, especially the Council of Nicea. This course is designed to introduce students to the person of Jesus Christ as revealed in the New Testament and illuminated by the teachings of the Roman Catholic Church as they developed over the centuries.

THEOLOGY 11: SACRAMENTS AS PRIVILEGED ENCOUNTERS WITH JESUS AND ECUMENICAL AND INTERRELIGIOUS ISSUES

"Let us be always seeking the ways which lead to peace and the ways in which we can support one another."

Credit 1: Course No. 193 (Grade 11)

The purpose of the junior year course is to expose students to the sanctifying grace experienced through the sacraments as well as develop an understanding of the religious world around them. The course begins by helping students to understand that they can encounter Christ today in a full and real way in and through the sacraments, especially through the Eucharist. In order to develop this level of understanding, students will examine each of the sacraments in detail so as to learn how they may encounter Christ throughout life. The course continues by looking at the manner in which the Catholic Church relates to the other major world religions. As students explore the five major religions, Hinduism, Buddhism, Judaism, Christianity, and Islam, they will recognize ways in which important spiritual truths of Catholicism can be found in other religions as well. Through this intensive study, students will ultimately develop a comprehensive religious literacy through which they will be able to competently engage in interreligious dialogue.

THEOLOGY 12: LIFE IN JESUS CHRIST AND LIVING AS A DISCIPLE OF JESUS CHRIST IN SOCIETY

"Love God with all of your heart, soul, and mind and love your neighbor as yourself"

Credit 1: Course No. 194 (Grade 12)

The purpose of this senior year class is to help students understand that it is only through Christ that they can fully live out God's plan for their lives. Students are taught the moral concepts and precepts that govern their lives as disciples of Jesus Christ. These topics are augmented by an introduction to Catholic social teaching. These lessons demonstrate how Christ's concern for others, especially the poor and needy, is present today in the Church's social teaching and mission. Connecting the previous years of religious instruction and formative experiences of Campus Ministry, this course ultimately serves as the religious and spiritual culmination of the student's high school experience leading to a better understanding of God's plan for them.

SAMPLE FOUR YEAR COURSE OF STUDY

Grade 9

English
Mathematics
Modern and Classical Language
Health
Freshman Gateway Seminar
Science
Social Studies
Theology
Elective

Recommend:

Information Technology
Fine Arts

Grade 11

English
Mathematics
Modern and Classical Language
(recommended with approval)
Science
Social Studies
Theology
Elective (1-2 credits)

Grade 10

English
Mathematics
Modern and Classical Language
Science
Social Studies
Theology
Elective

Recommend:

Information Technology
Fine Arts
Physical Education

Grade 12

English
Mathematics
Modern and Classical Language
(recommended with approval)
Science (recommended)
Social Studies
Theology
Electives (1-2 credits)

CHANGES TO THE PHYSICAL EDUCATION REQUIREMENTS

Physical education serves to enhance appreciation of sport and physical skills, while fulfilling the psychological needs of all participants. It serves to facilitate self-esteem by providing an outlet and structure for self-determination and competent engagement, within a social context. Our mission is to promote the kind of interest and participation in physical activity that extends beyond the scope of a classroom program, ideally a lifelong involvement with physical fitness and constructive athletics.

Students in the class of 2019 & 2020 may fulfill the remaining Physical Education credit by electing to participate in one of the following options:

- Active participation in 2 seasons of a Bishop McNamara High School Athletic Sports Team

OR

- Participation in one of the Physical Education electives (See Page 33)



Go, Mustangs!

Administration

President: Dr. Marco J. Clark

Principal: Dr. Robert Van der Waag

Assistant Principal/Dean of Students: Mr. Reginald J. Brady

Assistant Principal/Dean of Students: Ms. LaSandra M. Hayes

Assistant Principal/Academic Dean: Dr. Nigel A. Traylor

Dean of Programs: Mr. Brian A. Brower

Admissions

Director of Admissions: Mrs. Patricia Garber

Associate Director of Admissions/Director of Summer Programs:

Mr. Jeffery Southworth

Assistant Director of Admissions: Mr. Herman Gloster