

# **Bishop McLaughlin Catholic High School**



## **Curriculum Guide 2022-2023**

Dear BMCHS Parents and Students,

We are very proud of the excellent academic and faith-based programs we offer at [Bishop McLaughlin Catholic High School](#). BMCHS is consistently ranked in the top ten of all Catholic high schools in the state of Florida and is a top-ranked Catholic high school in the Diocese of St. Petersburg, as rated by Niche.com. Our STREAM (Science, Technology, Religion, Engineering, Art and Math) Club has been nationally recognized for winning the *Innovations in Catholic Education Award* and the *Schools of TechXcellence Award*. BMCHS also offers the only Catholic High School Exceptional Student Education Inclusion Program in the Diocese of St. Petersburg.

Our overall student focus is developing a growth mindset and ensuring success through compassion, consistency, and efficacy. Our course offerings are innovative and challenging, yet responsive to student interests and needs. Our priorities and decisions are always student-centered.

Student course selections should reflect future educational and career plans, but must also satisfy graduation requirements. Thus, parental involvement in the educational process is very important. We ask you to become familiar with the course offerings and graduation requirements in this guide, so you can ensure that your child makes knowledgeable and responsible educational choices.

Our final master schedule for each semester is based on two factors: Florida Department of Education graduation requirements and student course requests during the course selection period. This Curriculum Guide offers the totality of our courses available; however, please keep in mind that the final master schedule contains only those courses for which there is sufficient student interest and enrollment. We endeavor to respect each student's course requests. Accuracy of course requests will reduce the number of conflicts and maximize our opportunity to fulfill student requests. We reserve the right to cancel and make revisions to courses offered, if necessary.

As you begin to read this Curriculum Guide, be assured that our staff is ready to assist you in selecting the educational program that will pave the way for a successful future. If you have any questions, please feel free to contact us at [guidance@bmchs.com](mailto:guidance@bmchs.com). We look forward to working with you in this important endeavor.

Yours in Christ,

*Jenalisa Zummo*

Ms. Jenalisa Zummo  
Principal

*Johnnathan Combs*

Mr. Johnnathan Combs  
Assistant Principal for Curriculum  
Director of ESE Services

*Matthew J. Geiger*

Mr. Matthew Geiger  
Director of Guidance

## **Accreditation**

BMCHS is accredited by Cogina, the international accreditation agency that includes the North Central Association Commission on Accreditation and School Improvement (NCA CASI), the Southern Association of Colleges and Schools Council on Accreditation and School Improvement (SACS CASI), and the Northwest Accreditation Commission (NWAC). Membership is maintained in the National Catholic Education Association (NCEA), Association of Supervision and Curriculum Development (ASCD), Florida High School Athletic Association (FHSAA), and the National Association of Secondary School Principals (NASSP).

## **Semester Grades and Course Credits**

A student is required to be enrolled for seven (7) credits per school year. All courses taken to fulfill the graduation requirements of the State of Florida, the Diocese of St. Petersburg, and Bishop McLaughlin Catholic High School will be reflected on the cumulative transcript and will be used in computing grade point averages. More rigorous courses are designated either Honors, Advanced Placement (AP) or Dual Enrollment (DE).

Students earn credits and grades based on semester (0.5 credits). It is possible to pass one semester and fail another. Credit recovery can be done by semester. The student is still responsible for making up the failed semester (0.5 credits). Please review the Student Handbook for our grade forgiveness policy and contact the [Guidance Department](#) if you have questions.

## **Requirements for Graduation**

In order to receive a Bishop McLaughlin Catholic High School diploma and to participate in the Baccalaureate Mass and Commencement Ceremony, a student must fulfill the school's academic and community service graduation requirements and have no outstanding financial obligations. A total of **28 academic credits** are required for graduation. Graduation requirements are as follows:

### **Current Academic Graduation Requirements**

- 4 Theology
  - 4 English
  - 4 Mathematics (must include Algebra I, Geometry and Algebra II)
  - 3 Science (must include Biology and two additional laboratory component classes)
  - 3 Social Studies (must include World History, American History, Government, and Economic Literacy)
  - 1 HOPE – Health Opportunities through Physical Education
  - 1 Visual or Performing Arts
  - 2 World Languages (must include two consecutive years of the same world language; a third year of the same world language is recommended for highly competitive colleges)
  - 6 Credits in additional courses
- \*One course from the above 28 credits must be online.

### **New Academic Graduation Requirements starting with the class of 2026**

- 4 Theology
- 4 English
- 4 Mathematics (must include Algebra I, Geometry and Algebra II)
- 4 Science (must include Biology and two additional laboratory component classes)
- 4 Social Studies (must include World History, American History, Government, and Economic Literacy)
- 1 HOPE – Health Opportunities through Physical Education

- 1 Visual or Performing Arts
- 2 World Languages (must include two consecutive years of the same world language; a third year of the same world language is recommended for highly competitive colleges)
- 4 Credits in additional courses

Additionally, each student must complete **100 Community Service hours (25 hours per academic year) as a requirement for graduation.**

### **Transfer Student Theology Course Placement**

A transfer student must take grade-level theology courses starting from the time of enrollment.

### **Grade Level Progression for the Class of 2023, 2024 and 2025**

To proceed to the next grade level students will need the following minimum credits:

- 9<sup>th</sup> going to 10<sup>th</sup> - 7 credits (1 credit in English, Mathematics, Science, History & Theology)
- 10<sup>th</sup> going to 11<sup>th</sup> - 14 credits (2 credits in English, Mathematics, Science, History & Theology)
- 11<sup>th</sup> going to 12<sup>th</sup> - 21 credits (3 credits in English, Mathematics, Theology 2 Science, History)

### **Grade Level Progression for the Class of 2026 and beyond**

To proceed to the next grade level students will need the following minimum credits:

- 9<sup>th</sup> going to 10<sup>th</sup> - 7 credits (1 credit in English, Mathematics, Science, History & Theology)
- 10<sup>th</sup> going to 11<sup>th</sup> - 14 credits (2 credits in English, Mathematics, Science, History & Theology)
- 11<sup>th</sup> going to 12<sup>th</sup> - 21 credits (3 credits in English, Mathematics, Science, History & Theology)

### **Course Selection Process and Policies**

This catalog lists all the courses taught at BMCHS. The decision to offer a course is determined by graduation requirements and student selection. Bishop McLaughlin Catholic High School strives to provide a wide variety of elective courses. All elective courses are aimed to provide students with an opportunity to explore and acquire specific knowledge and skills in an area of interest. Students registering for electives are advised that BMCHS requires two years of a specific world language. Students should consult with the [Guidance Department](#) to ensure that selected courses are appropriate and fulfill their graduation requirements. A parent signature is required on the completed course selection worksheet.

**Students will have at least ten (10) business days prior to the start of each semester to request a schedule change. After the first day of classes in each semester, there will be a \$50 fee charged for a schedule change. There will be no student or parent initiated schedule changes after the fifth (5<sup>th</sup>) day of classes in each semester. This policy applies to both semesters.**

### **Advanced Placement (AP) Courses**

The Advanced Placement Program is administered by The College Board, a national nonprofit membership association. BMCHS is a member school offering AP courses. AP Courses are taught by BMCHS faculty and are comparable to first-year college courses. At the conclusion of an AP course, students must take the AP Subject Exam. AP Exams are three-hour exams given each May. Exams are graded on a scale of 1 to 5, with 3, 4 or 5 considered a “qualifying” score. There is a College Board/AP exam fee which is due during the second semester. Florida Virtual School (FLVS) AP class exams are optional. *Advanced Placement (AP) courses require a student academic contract.*

### **Dual Enrollment (DE) Courses**

BMCHS has articulation agreements with Saint Leo University (SLU), Pasco Hernando State College (PHSC), and University of South Florida (USF). By state regulations, private school students enrolled in Dual Enrollment (DE) courses will incur additional tuition fees that the student's family is responsible for paying. Each DE program will have its own unique cost per credit.

**Advanced Placement (AP) and Dual Enrollment (DE)** course offerings at BMCHS vary from year to year, depending on enrollment, interest, and sequence. The following are AP/DE classes that have been recently offered either on campus or online via FLVS.

AP Biology	AP Calculus AB	AP Calculus BC
AP Chemistry	AP Computer Science	AP English Language
AP English Literature	AP European History	AP Music Theory
AP Microeconomics	AP Psychology	AP Physics 1
AP Spanish Language	AP U.S. History	AP U.S. Government
AP World History	AP Research	AP Seminar
AP Human Geography	AP Statistics	DE English Composition 1
DE English Composition 2	DE Religion 123	DE Religion 110RS
DE Intro to Business	DE Business Law	

### **Dual Enrollment has eligibility requirements. Students must:**

- Have a cumulative (unweighted) 3.00 GPA for PHSC
- Have a cumulative (unweighted) 3.3 GPA for Saint Leo University
- Have a cumulative (unweighted) 3.4 GPA for USF
- Be recommended by a high school counselor;
- Enroll in approved dual enrollment course;
- Have your high school include a copy of your ACT and/or SAT scores with your application, if you have taken them.
- Additional tuition will occur for dual enrollment courses charged per credit hour.
- There are many factors that need to be taken into consideration before signing up for a [Dual Enrollment](#) course. Please meet with your Guidance Counselor before proceeding to register for a class. Dual Enrollment courses require instructor approval.

### **AP Capstone Diploma Program**

AP Capstone is a diploma program from the College Board. It is based on two, year-long AP courses: AP Seminar and AP Research. Rather than teaching subject-specific content, these courses develop students' skills in research, analysis, evidence-based arguments, collaboration, writing, and presenting. In addition to taking and passing AP Seminar and AP Research, a student must pass four (4) additional AP exams with a score of 3 or better to qualify for the Capstone Diploma Certificate.

### **Course Placement Policy**

Each department has a course placement procedure that relies on a variety of student data. This data may include standardized testing, placement testing, grades, content mastery, and teacher

recommendations. If a parent or student wishes to discuss a student course placement, he or she must contact the department chair. Students who register for Advanced Placement (AP) courses are subject to an academic contract and additional hours outside the classroom, per AP and College Board instructional requirements.

### **The Florida Bright Futures Scholarship Program**

The Florida Bright Futures Scholarship Program is the program for state-funded scholarships based on academic achievement in high school. The BMCHS Guidance Department will assist students with the application process.

### **General Eligibility Requirements for Florida Bright Futures Scholarship Program**

Each of the two Florida Bright Futures Scholarship awards has specific criteria. To be eligible for an award from either of the two scholarships under the Florida Bright Futures Scholarship Program, a student must:

- be a Florida resident;
- earn a standard high school diploma or its equivalent from a public or private high school or complete a home education program;
- be accepted by, and enrolled in, an eligible Florida public or independent post-secondary education institution;
- apply for a scholarship during the last semester before high school graduation;
- have a Florida Financial Aid Application on file in Tallahassee.
- **PLEASE NOTE: The Florida Bright Futures Scholarship Program eligibility requirements are subject to change during any State of Florida legislative session. For current information, please visit <https://www.floridastudentfinancialaidsg.org>**

## **COURSE OFFERINGS BY DEPARTMENT**

### **English Department**

Questions can be directed to the [Department Chair](#) or [Guidance Department](#).

Student subscription to [Membean](#) is required for all English HS 9-12 courses. [Membean](#) is used for vocabulary development, test prep, and actively engages student to become critical thinkers. Students must complete a number of required minutes per week on [Membean](#) outside of the classroom. Student subscription to [Membean](#) replaces the need for an additional vocabulary workbook, and the estimated annual cost of the subscription is \$15 per student. Students are also required to complete summer and outside reading assignments for all English courses.

### **Freshman English 1 CP 2 HS 9 1 Credit, Grade 9**

**1001310**

This course includes a general introduction to literary forms, critical criteria for evaluation of these forms, and basic reading techniques. Written language and grammar skills are reinforced and reestablished through required and supplemental materials from the workbook. [Membean](#) is required.

**Freshman English HS 9 Honors****1001320****1 Credit, Grade 9***Pre-requisite: Qualifying scores on the HSPT or BMCHS placement test, Department approval.*

This course includes a general introduction to literary forms, critical criteria for evaluation of these forms, and basic reading techniques. Writing skills and vocabulary work are developed wherever possible in coordination with the literature. [Membean](#) is required.

**Sophomore English CP 2 HS 10****1001340****1 Credit, Grade 10**

This course is the study of American literature with emphasis on the chronological literary developments and the major literary movements. [Membean](#) is required.

**Sophomore English HS 10 Honors****1001350****1 Credit, Grade 10***Pre-requisite: Qualifying scores on the BMCHS placement test, Department approval.*

This course is the study of American literature with emphasis on the chronological literary developments and the major literary movements. A major literary research paper will be written. [Membean](#) is required.

**Junior English HS 11****1001370****1 Credit, Grade 11**

This course covers the study of English language and literature with emphasis placed on interpretive reading and historical linguistics. The English language will be traced from its inception as Anglo-Saxon through the French influence of Middle English to modern English. Vocabulary study and composition skills are further developed through benchmark writing exercises. [Membean](#) is required.

**Junior English HS 11 Honors****1001380****1 Credit, Grade 11***Pre-requisite: Qualifying scores on the BMCHS placement test, Department approval.*

This course covers the study of English language and literature with emphasis placed on interpretive reading and historical linguistics. The English language will be traced from its inception as Anglo-Saxon through the French influence of Middle English to modern English. English literature will be viewed in a chronological context with thematic units where appropriate. Vocabulary study and composition skills are further developed through benchmark writing exercises like Argumentation and Persuasion papers. [Membean](#) is required.

**Senior English HS 12****1001400****1 Credit, Grade 12**

This course uses major work in all genres of World literature as a focal point. This course is divided into two units. The first unit is the study of classical Greek (The Iliad and Greek Tragedy), Roman, Sumerian, Indian, and Hebrew Literatures; the second unit is a study of Modern French, Spanish,

German and Russian Literatures. A Persuasive Speech must be delivered successfully as a requirement of this course. [Membean](#) is required.

### **Senior English HS 12 Honors**

**1001410**

**1 Credit, Grade 12**

***Pre-requisite: Qualifying scores on the BMCHS placement test, Department approval.***

This honors course will promote academic excellence and provides rigor using World Literature as a focus of study. This course is divided into two units. The first unit is the study of classical Greek (The Iliad and Greek Tragedy), Roman, Sumerian, Indian, and Hebrew Literatures; the second unit is a study of Modern French, Spanish, German and Russian Literatures. Basic skills are further developed through work in the College English Workbook. A Persuasive Speech must be delivered successfully as a requirement of this course. [Membean](#) is required.

### **AP English Language and Composition**

**1001420**

**1 Credit, Grades 11-12**

***Pre-requisites: Teacher recommendation and Department Chair approval.***

**AP courses require an academic contract and may include class time outside of school hours.**

Advanced Placement English Language and Composition requires the ability to deconstruct arguments and rhetorical strategies in mostly non-fiction works. AP English Language and Composition is designed to test your skill in composition and require close reading, thoughtful rhetorical analysis, and purposeful argumentation. Skills learned in AP English Language are broadly applicable to not only the humanities, but to the social sciences as well. [Those taking this course must take the AP Exam.](#)

### **AP English Literature and Composition**

**1001430**

**1 Credit, Grades 11-12**

***Pre-requisites: Teacher recommendation and Department Chair approval.***

**AP courses require an academic contract and may include class time outside of school hours.**

The Advanced Placement English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure to readers. Students will consider a work's structure, style, and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. [Those taking this course must take the AP Exam.](#)

### **Dual Enrollment English Composition 1**

**ENC1101**

**0.5 Semester Credit (HS)/3 Credits (College), Grade 12**

***Pre-requisite: Must meet DE requirements per post-secondary requirements.***

**\*You will earn 3 credits from Saint Leo University if you earn a "C" or better. There will be an additional cost of \$125 per college credit (\$375 for a 3-credit course).**

ENC1101 is designed to develop effective written communication skills for academic and professional use. It includes practice in the selection, restriction, organization and development of topics and reinforces the student's facility with sentence structure, diction and mechanics. Students must show competency in utilizing research skills and documenting printed and electronic sources



through composing a documented paper or a short research assignment. Selected writing samples are examined as models of form and as sources of ideas for the student's own writing. Conferences provide individual instruction. Students will be required to use a computer to compose essays in this class. This course satisfies the Gordon Rule writing requirement. A grade of "C" or higher must be attained. This course is offered on campus through PHSC.

## **Dual Enrollment English Composition 2** **ENC1102**

**0.5 Semester Credit (HS)/3 Credits (College), Grade 12**

*Pre-requisite: Must meet DE requirements per post-secondary requirements.*

**\*You will earn 3 credits from Saint Leo University if you earn a "C" or better. There will be an additional cost of \$125 per college credit (\$375 for a 3-credit course).**

Students will enhance their knowledge of the principles and practices of research and will demonstrate proficiency in following prescribed methods of library research and MLA documentation in the research paper. The student will also gain through literature an appreciation of the interrelatedness of culture and art. Through exposure to at least two of the four genres (novel, poetry, drama, short story), students will be able to articulate their critiques and analyses of the literature. This course satisfies the Gordon Rule writing requirement. A grade of "C" or higher must be attained. This course is offered through PHSC.

## **Exceptional Student Education (ESE) Department**

Questions can be directed to the [Department Chair](#) or [Guidance Department](#).

ESE programs are available at an additional tuition cost. For eligibility and information, please contact [johnnathan.combs@bmchs.com](mailto:johnnathan.combs@bmchs.com).

### **Access Points Content Area – ESE**

**1 credit, Grades 9-12**

*Administrative Approval and Placement ONLY.*

Access Points curriculum are designed so that the teacher will select the appropriate standards when developing curricula tailored to meet the needs of individual students, taking into account their grade and instructional level. This course requires an alternative diploma option.

### **Learning Strategies - ESE**

**7963080**

**0.5 Credit (Semester), Grade 9-12**

The purpose of this course is to enable students with disabilities to acquire and generalize strategies and skills across settings to improve student success. This course is designed for ESE students who need individualized instruction and intervention in learning strategies. The course will address academic, organizational, and skill deficits, enabling students to learn strategies to access the general curriculum and close educational gaps. A student may earn multiple credits in this course.

**Access English 1****7910120****1 Credit**

This course includes a general introduction to literary forms, critical criteria for evaluation of these forms, and basic reading techniques. Written language and grammar skills are reinforced and reestablished through required and supplemental materials from the workbook

**Freshman English 1 CP 1 HS 9****1001310****1 Credit, Grade 9 (capped at 15 students)**

This course includes a general introduction to literary forms, critical criteria for evaluation of these forms, and basic reading techniques. Written language and grammar skills are reinforced and reestablished through required and supplemental materials from the workbook. [Membean](#) is required.

**Sophomore English CP 1 HS 10****1001340****1 Credit, Grade 10 (capped at 15 students)**

This course is the study of American literature with emphasis on chronological literary developments and the major literary movements. [Membean](#) is required.

**Access Algebra 1A****7912080****1 Credit**

This course builds upon and extends the mathematical concepts learned in the middle grades. Critical areas, called units, deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. [TI-Nspire CX or CXII](#) graphing calculator is required.

**Algebra 1B****1200380****1 credit**

This course formalizes and extends the mathematical concepts students learned in the middle grades. Critical areas, called units, deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. [TI-Nspire CX or CXII](#) graphing calculator is required.

**Geometry CP1****1206310****1 credit (capped at 15 students)**

*Pre-requisite: Successful completion of Algebra 1 or DOSP math placement test, Department approval.*

In this course, students will integrate and maintain algebraic skills while developing geometric concepts. Students will conduct hands on activities which afford the opportunity to discover geometric relationships using inductive reasoning. Deductive reasoning will be developed through the study of formal geometric proofs. Real life applications are integrated throughout the course.

Topics include the study of lines, angles, parallels, congruent triangles, special quadrilaterals, similar triangles and proportion, right triangles, circles, area and volume, coordinate geometry and the postulates and theorems related to each topic. A BMCHS Geo-Tool kit is required for this course, along with a [TI-Nspire CX or CXII](#) graphing calculator.

### **Access World History – ESE**

**7921027**

#### **1 Credit, Grade 9**

Access courses are intended only for students with a significant cognitive disability. Access courses are designed to provide students with access to the general curriculum. Access points reflect increasing levels of complexity and depth of knowledge aligned with grade-level expectations. The access points included in access courses are intentionally designed to foster high expectations for students with significant cognitive disabilities.

This course provides students the opportunity to acquire an understanding of the development of civilization by examining the political, economic, social, religious, military, scientific, and cultural events that have shaped humanity in general and select societies in particular.

### **US History CP1**

**2100310**

#### **1 Credit, Grades 10-11 (capped at 15 students)**

This course provides students with an understanding of the chronological development of the American people by examining the political, economic, social, religious, military, scientific, and cultural events that have affected the rise, growth and evolution of our nation.

### **Access Biology – ESE**

**7920015**

#### **1 Credit, Grade 9**

Access courses are intended only for students with a significant cognitive disability. Access courses are designed to provide students with access to the general curriculum. Access points reflect increasing levels of complexity and depth of knowledge aligned with grade-level expectations. The access points included in access courses are intentionally designed to foster high expectations for students with significant cognitive disabilities.

This course provides students with experience and activities in the fundamental concepts of life. Areas of study include the nature of science; matter, energy, and chemical processes of life; the biology and reproduction of cells; the principal of genetics; levels of organization, classification, and taxonomy; the structure, function, and reproduction of plants, animals, and micro-organisms; the behavior of organisms; the interactions among organisms, humans, and the environment; biological selection, adaptations, and changes through time.

### **Integrated Science**

**2002400**

#### **1 credit, Grades 9-12**

***Pre-requisite: Department approval.***

This course is an overview of all disciplines and shows relationships among the sciences and with technology and society. Laboratory, research and inquiry are integrated into the course work. Courses emphasize the development of reasoning, observation, and scientific analysis. Includes quantitative

and qualitative chemistry, physics, biochemistry, genetics, geology, ecology, space science and evolutionary biology.

## **Mathematics Department**

All mathematics courses require a graphing calculator. Course descriptions include links to the appropriate calculator. Questions can be directed to the [Department Chair](#) or [Guidance Department](#).

### **Algebra 1**

**1200310**

**1 credit**

Students will study algebraic expressions, rational numbers, proportional reasoning, polynomials, and factoring. Students will demonstrate the ability to graph equations and use appropriate functions to solve problems are essential to this course, including a variety of real world problems. [TI-Nspire CX or CXII](#) graphing calculator is required.

### **Algebra 1 Honors**

**1200320**

**1 credit**

*Pre-requisite: Qualifying scores on the HSPT or DOSP math placement test, Department approval.*

The honors course is more rigorous and topics are studied in great depth. Advanced topics include operations on rational expressions, solving radical equations, parabolic functions and the application of the distance formula. This course will give students a foundation for the more advanced mathematics courses. [TI-Nspire CX or CXII](#) graphing calculator is required.

### **Geometry CP2**

**1206310**

**1 credit**

*Pre-requisite: Successful completion of Algebra 1 or DOSP math placement test, Department approval.*

In this course, students will integrate and maintain algebraic skills while developing geometric concepts. Students will conduct hands on activities which afford the opportunity to discover geometric relationships using inductive reasoning. Deductive reasoning will be developed through the study of formal geometric proofs. Real life applications are integrated throughout the course. Topics include the study of lines, angles, parallels, congruent triangles, special quadrilaterals, similar triangles and proportion, right triangles, circles, area and volume, coordinate geometry and the postulates and theorems related to each topic. A BMCHS Geo-Tool kit is required for this course, along with a [TI-Nspire CX or CXII](#) graphing calculator.

## Geometry Honors

1206320

1 credit

*Pre-requisite: Successful completion of Algebra 1 Honors or DOSP math placement test, Department approval.*

Logic, analysis and proof of concepts are integral parts of the course. Transformational geometry is also studied. This course gives students a rigorous, in-depth study of geometric relationships and deductive and inductive strategies to solve a variety of real world problems.

A BMCHS Geo-Tool kit is required for this course, along with a [TI-Nspire CX or CXII](#) graphing calculator.

## Algebra 2

1200330

1 credit

*Pre-requisite: Successful completion of Algebra 1 and Geometry.*

Students will expand skills introduced in Algebra 1. They will investigate the properties of linear, quadratic and logarithmic functions. Students will extend their knowledge of the number system to include complex numbers, and expand their knowledge on the topics of conic sections, right triangle trigonometry, exponents, radicals, arithmetic and geometric sequences as well as probability and statistics. [TI-Nspire CX or CXII](#) graphing calculator is required.

## Algebra 2 Honors with Trigonometry

1200340

1 credit

*Pre-requisite: Successful completion of Algebra 1 and Geometry Honors, and/or DOSP math placement test, Department approval.*

Several additional topics are studied in addition to all of the topics studied in the college preparatory Algebra 2. Some of the topics to be studied include matrices including  $3 \times 3$ 's, the binomial theorem, sequences and series including infinite geometric series. The conic sections are used to make connections with their graphs and equations and to eventually solve as systems. Emphasis will be on theory, proof, and development of formulas, as well as their applications. The honors level course requires the ability to learn at a faster pace and possess a greater depth of understanding of more complicated mathematics. [TI-Nspire CX or CXII](#) graphing calculator is required.

## Pre-Calculus Honors

1202340

1 credit

*Pre-requisite: Successful completion of Algebra 1 Honors & 2 Honors, and Geometry Honors, Department approval.*

This course emphasizes a modern viewpoint of the study of elementary functions. Students will explore a wide scope of mathematics including all the topics of trigonometry. Exponential and logarithmic functions, analytical geometry and solving and graphing third and fourth degree equations are emphasized. Solutions are found by traditional methods as well as extensive use of graphing calculators and computer software. This honors level course requires the ability to learn at a faster pace and possess a greater depth of understanding of more complicated mathematics. [TI-Nspire CX or CXII](#) graphing calculator is required.

## Calculus Honors

1202300

1 credit

*Pre-requisite: Successful completion of Pre-Calculus Honors, Department approval.*

In this course, students will learn differentiation and integration of elementary functions with selected applications. In depth investigation of several applications is included. Regular use of the graphing calculator is an integral part of the course. Students will study limits, derivatives, and integrals. Many of the topics of the Advanced Placement syllabus are included in this course. [TI-Nspire CX or CXII](#) graphing calculator is required.

## Financial Algebra

1200387

1 credit

*Pre-requisite: Successful completion of Algebra 1 and Geometry.*

Financial Algebra focuses on real-world financial literacy, personal finance, and business subjects. Students apply what they learned in Algebra 1 and Geometry to topics including personal income, taxes, checking and savings accounts, credit, loans and payments, car leasing and purchasing, home mortgages, stocks, insurance, and retirement planning. [TI-Nspire CX or CXII](#) graphing calculator is required.

## Probability and Statistics with Applications

1202362

1 credit

*Pre-requisite: Successful completion of Algebra 1 & 2 and Geometry, Department approval.*

Statistics and probability are sections of mathematics that deal with data collection and analysis. Probability is the study of chance and is a very fundamental subject that we apply in everyday living, while statistics is more concerned with how we handle data using different analysis techniques and collection methods. In this course, students will study major concepts and tools for collecting, analyzing, and drawing conclusions from data. [TI-Nspire CX or CXII](#) graphing calculator is required.

## AP Statistics

1210320

1 credit

*Successful completion of Algebra 1 Honors & 2 Honors, and Geometry Honors, Department approval.*

**AP courses require an academic contract and may include class time outside of school hours.**

Advanced Placement Statistics is an introductory college-level statistics course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students cultivate their understanding of statistics using technology, investigations, problem solving, and writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions, and conclusions. [Those taking this course must take the AP Exam.](#) [TI-Nspire CX or CXII](#) graphing calculator is required.

## **AP Calculus AB**

**1202310**

**1 credit**

*Pre-requisite: Successful completion of Pre-Calculus Honors, Department approval.*

**AP courses require an academic contract and may include class time outside of school hours.**

Advanced Placement Calculus AB studies algebraic, transcendental functions, and the general theory and techniques of calculus. Students will explore concepts, methods, and applications of differential and integral calculus. Students will work to understand the theoretical basis and solve problems by applying knowledge and skills. [Those taking this course must take the AP Exam.](#)

[TI-Nspire CX or CXII](#) graphing calculator is required.

## **AP Calculus BC**

**1202320**

**1 credit**

*Pre-requisite: Successful completion of AP Calculus AB, Department approval.*

**AP courses require an academic contract and may include class time outside of school hours.**

Advanced Placement Calculus BC is an introductory college-level calculus course. Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically, verbally. By using definitions and theorems to build arguments and justify conclusions, students will explore concepts such as change, limits and the analysis of functions. [Those taking this course must take the AP Exam.](#)

[TI-Nspire CX or CXII](#) graphing calculator is required.

## **AP Computer Science Principles**

**0200335**

**1 credit**

*Pre-requisite: Successful completion of Algebra 1 and Geometry, Department approval.*

**AP courses require an academic contract and may include class time outside of school hours.**

The Advanced Placement Computer Science Principles course is an introductory college-level college computing course that introduces students to the breadth of the field of computer science. Students learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They incorporate abstraction into programs and use data to discover new knowledge. Students also explain how computing innovation and computing systems – including the internet – work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical. [Those taking this course must take the AP Exam.](#)

[TI-Nspire CX or CXII](#) graphing calculator is required.

## **Physical Education Department**

Questions can be directed to the [Department Chair](#) or [Guidance Department](#).

## **HOPE – Health Opportunities through Physical Education**

**3026010**

**1 Credit, Grade 9 (required)**

The goal of the Health Opportunities in Physical Education (HOPE) is to educate students with the knowledge, skills, and confidence to make healthy lifestyle choices. There is an emphasis on fitness activities and lifetime/leisure time activities. The principles of physical fitness are incorporated into each unit. Weekly fitness runs are also conducted. Character development, sportsmanship,

leadership, and cooperation are also an integral part of each unit. The Health Education curriculum may include, but are not limited to; stress management, fitness principles, body mechanics, healthy heart habits, goal setting, and wellness components.

**Beginning Weight Training** **1501340**

**0.5 Credit (Semester), Grades 10-12**

*Pre-requisite: HOPE*

The purpose of this course is to enable students to acquire basic knowledge and skills in weight training, improve muscular strength and endurance, and begin to enhance self-image.

**Intermediate Weight Training** **1501350**

**0.5 Credit (Semester), Grades 10-12**

*Pre-requisite: Beginning Weight Training*

The purpose of this course is to enable students to acquire intermediate knowledge and skills in weight training, improve muscular strength and endurance, and continue to enhance self-image.

**Advanced Weight Training** **1501360**

**0.5 Credit (Semester), Grades 10-12**

*Pre-requisite: Intermediate Weight Training*

The purpose of this course is to enable students to acquire advanced knowledge and skills in weight training, improve muscular strength and endurance, and continue to enhance self-image.

**Team Sports 1** **1503350**

**0.5 Credit (Semester), Grades 10-12**

*Pre-requisite: HOPE*

The purpose of this course is to provide students with opportunities to acquire knowledge of strategies of team sports play, develop skills in selected team sports, and maintain and/or improve their personal fitness to enable them to continue with lifetime participation in athletic activities.

**Team Sports 2** **1503360**

**0.5 Credit (Semester), Grades 10-12**

*Pre-requisite: Team Sports 1*

The purpose of this course is to provide students with opportunities to acquire additional knowledge of strategies of team sports play, develop additional skills in selected team sports, maintain and/or improve their personal fitness to enable them to continue with lifetime participation in athletic activities.



## **Basketball**

**2000310**

**0.5 Credit (Semester), Grades 10-12**

***Pre-requisite: HOPE***

The course provides in-depth instruction of the fundamental skills, tactics, rules and etiquette of basketball. Introduction to systems of play will be included to enhance the student's understanding of the sport. Advanced skills and drills which directly affect student's physical and cognitive abilities will be covered. Students will participate in advanced individual and team techniques in relationship to basketball strategy. Course activities are designed to enhance healthy behaviors that will influence students to participate in physical activities throughout their life.

## **Science Department**

Questions can be directed to the [Department Chair](#) or [Guidance Department](#).

## **Biology**

**2000310**

**1 credit, Grade 9**

This course provides students with experience and activities in the fundamental concepts of life. Areas of study include the nature of science; matter, energy, and chemical processes of life; the biology and reproduction of cells; the principal of genetics; levels of organization, classification, and taxonomy; the structure, function, and reproduction of plants, animals, and micro-organisms; the behavior of organisms; the interactions among organisms, humans, and the environment; biological selection, adaptations, and changes through time.

## **Biology Honors**

**2000320**

**1 credit, Grade 9**

***Pre-requisite: Qualifying scores on HSPT or other standardized testing, Department approval.***

This course provides students with advanced exploratory experience and activities in the fundamental concepts of life. Laboratory, research and inquiry are integrated into the course work. Emphasis on higher-order mathematical analysis of scientific data, concepts and an in-depth treatment of biology concepts differentiates this course from the regular biology course.

## **Chemistry**

**2003340**

**1 credit, Grades 10-12**

***Pre-requisite: Biology***

The purpose of this course is to study the composition, properties, and changes associated with matter and their applications. Areas of study include the nature of science; the classification, structure, and changes of matter; atomic theory; the periodic table; chemical bonding, formulas, and reactions; balanced equations; stoichiometry; reaction rates and equilibrium; acids and bases; oxidation and reduction; behavior of gases; dynamics of energy; chemistry of life. Laboratory, research, and inquiry are integrated into the course work.

## **Chemistry Honors**

**2003350**

**1 Credit, Grades 10-12**

***Pre-requisite: Successful completion of Biology Honors, concurrent enrollment in Geometry Honors, Department approval.***

The purpose of this course is to study the composition, properties, and changes associated with matter and their applications. Areas of study include the nature of science; the classification, structure, and changes of matter; atomic theory; the periodic table; chemical bonding, formulas, and reactions; balanced equations; stoichiometry; reaction rates and equilibrium; acids and bases; oxidation and reduction; behavior of gases; dynamics of energy; chemistry of life. Emphasis on higher-order mathematical analysis of scientific data, concepts and an in-depth treatment of chemistry differentiates this course from the regular chemistry course.

## **Physics**

**2003380**

**1 Credit, Grades 11-12**

***Pre-requisite: Chemistry, Algebra 2***

The purpose of this course is to study the concepts, theories, and laws governing the interaction of matter, energy, and forces, and their applications through exploratory investigations and activities. Laboratory, research, and inquiry are integrated into the course work.

## **Physics Honors**

**2003390**

**1 Credit, Grades 11-12**

***Pre-requisite: Successful completion of Chemistry Honors, Department approval.***

The purpose of this course is to study the concepts, theories, and laws governing the interaction of matter, energy, and forces, and their applications through exploratory investigations and activities. Laboratory, research, and inquiry are integrated into the course work. An emphasis on higher-order mathematical analysis of scientific data and concepts and an in-depth treatment of physics concepts differentiates this course from the regular physics course.

## **Anatomy & Physiology**

**2000350**

**1 Credit, Grades 10-*Pre-requisite: Biology***

The purpose of this course is to enable students to develop understanding of relationships between the structure and functions of the human body. Students will study cells and tissues; human genetics; growth and development; body composition, structure, and function; and connections between anatomy, physiology, medicine, technology, society, and the environment. Laboratory, research, and inquiry are integrated into the course work.

## **Anatomy & Physiology Honors**

**2000360**

**1 Credit, Grades 11-12**

***Pre-requisite: Successful completion of Biology Honors, Department approval.***

The purpose of this course is to enable students to develop understanding of the relationships between the structure and functions of the human body. The student will study cells and tissues; human genetics; growth and development; body composition, structure, and function; and connections between anatomy, physiology, medicine, technology, society, and the environment. Laboratory investigations which include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. Emphasis on higher-order mathematical analysis of scientific data, concepts and in-depth treatment of biological and chemical concepts differentiates this course from the regular anatomy and physiology course. Laboratory, research and inquiry are integrated into the course work.

## **AP Biology**

**2000340**

**1 Credit, Grades 11-12**

***Pre-requisites: Teacher recommendation and Department Chair approval.***

**AP courses require an academic contract and may include class time outside of school hours.**

Advanced Placement Biology is an introductory college-level biology course. Laboratory, research and inquiry are integrated into the course work. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes of energy and communication, genetics, information transfer, ecology, and interactions. Students may earn college credit by taking and passing the AP Exam given in the spring. An additional fee is required to register for this exam. [Those taking this course must take the AP Exam.](#)

## **AP Chemistry**

**2003370**

**1 Credit, Grades 11-12**

***Pre-requisites: Teacher recommendation and Department Chair approval.***

**AP courses require an academic contract and may include class time outside of school hours.**

Advanced Placement Chemistry is designed to be the equivalent of a first year college general Chemistry course and follows the College Board's AP Chemistry Topic Outline. Laboratory, research and inquiry are integrated into the course work. This course presents a rigorous treatment of the following concepts: the nature of matter, gas laws, thermodynamics, stoichiometry, bonding, chemical kinetics, chemical equilibria, and more. The problem-solving strategies obtained during this course will prepare college-bound students for careers in the sciences, medicine, engineering and other technical areas. [Those taking this course must take the AP Exam.](#) **Lab Fee: \$20**

## **AP Physics 1**

**2003421**

**1 Credit, Grades 11-12**

***Pre-requisites: Teacher recommendation and Department Chair approval.***

**AP courses require an academic contract and may include class time outside of school hours.**

Advanced Placement Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity and

hand-on, inquiry-based laboratory work as they explore concepts such as systems, fields, force interactions, change, conservation, and waves. [Those taking this course must take the AP Exam.](#)

### **Introduction to Engineering Design Honors**

**8401110**

**1 Credit, Grades 10-12**

*Pre-requisite: Successful completion of Biology Honors, Teacher recommendation, Department approval.*

This course exposes students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. Students will employ engineering and scientific concepts in the solution of engineering design problems. In addition, they will learn to use 3D solid modeling design software to design solutions to problems. Students will develop problem-solving skills and apply their knowledge to research and design to create solutions, document the process, and communicate the results. Students must join the STREAM Club and attend at least 1x per week. Laboratory, research and inquiry are integrated into the course work.

### **Principles of Engineering Honors**

**8600520**

**1 Credit, Grades 11-12**

*Pre-requisite: Successful completion of Introduction to Engineering Design, Teacher recommendation, Department approval.*

This course helps students understand the field of engineering/engineering technology and prepares them for postsecondary engineering programs by developing a more in-depth mastery of the required knowledge and skills in mathematics, science, and technology. Laboratory, research and inquiry are integrated into the course work. Through problem-based learning strategies, students study key engineering topics, including mechanisms, energy sources, energy applications, machine control, fluid power, statics, material properties, material testing, statistics, and kinematics. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change.

## **Social Studies Department**

Questions can be directed to the [Department Chair](#) or [Guidance Department](#).

### **World History**

**2109310**

**1 Credit, Grade 9**

This course provides students the opportunity to acquire an understanding of the development of civilization by examining the political, economic, social, religious, military, scientific, and cultural events that have shaped humanity in general and select societies in particular.

**World History Honors****2109320****1 Credit, Grade 9***Pre-requisite: Qualifying scores on placement or standardized testing, department approval.*

This honors course studies the major events which have shaped and molded humanity. Comparative views of history are considered and the origin of contrasting political theories and philosophies are examined in relation to both past and present societal challenges.

**US History CP2****2100310****1 Credit, Grades 10-11**

This course provides students with an understanding of the chronological development of the American people by examining the political, economic, social, religious, military, scientific, and cultural events that have affected the rise, growth and evolution of our nation.

**US History Honors****2100320****1 Credit, Grades 10-11***Pre-requisite: Successful completion of World History Honors, department approval.*

This course provides students with an understanding of the chronological development of the American people by examining the political, economic, social, religious, military, scientific, and cultural events that have affected the rise, growth and evolution of our nation. America's development is examined from a regional, as well as global perspective, with a view towards preparing students for their future as participating members of a global community.

**American Government****2106310****0.5 Credit (Semester), Grades 11-12**

This course provides students the opportunity to expand their understanding of American government and political behavior and to develop the concepts and skills that are necessary to be effective members of this democracy.

**American Government Honors****2106320****0.5 Credit (Semester), Grades 11-12***Pre-requisite: Successful completion of American History Honors, department approval.*

This course provides students with a comprehensive understanding of American government and political behavior at an advanced level. The course includes an analysis of those documents and forces which shape our political traditions as well as a study of the three branches of government, the changing nature of the Democratic State and the need for public involvement to insure the survival of democracy.

**Economic Finance Literacy****2102335****0.5 Credit (Semester), Grades 11-12**

This course provides students with an opportunity to acquire an understanding of economic challenges and how various political/economic systems try to solve these problems. In addition,

emphasis is placed on developing an understanding of financial terms, critical thinking about money as a tool and decision-making skills necessary for sound economic decisions at the individual level.

### **Economics Finance Literacy Honors**

**2102345**

**0.5 Credit (Semester), Grades 11-12**

*Pre-requisite: Successful completion of American History Honors, Department approval.*

This course provides students with an opportunity to acquire an understanding of economic challenges and how various political/economic systems try to solve these problems. In addition, emphasis is placed on developing an understanding of financial terms, critical thinking about money as a tool and the decision-making skills necessary for sound economic decisions at the individual level. Extensive use of financial media is employed to supplement the textbook with emphasis on analyzing current financial challenges and the role and impact of public policy decisions as they relate to economic problems.

### **Engaged Citizenship through Service-Learning 1**

**2104350**

### **Engaged Citizenship through Service-Learning 2**

**2104360**

**0.5 Credit (Semester), Grades 10-12**

*Pre-requisite: Application, interview, and instructor approval required.*

This course provides an introduction and opportunities for leadership in the areas of service-learning and civic responsibility. Academic, personal, and career skills needed for effective service-learning implementation that will be applied to meet real school and/or community needs. Students will actively participate in meaningful service-learning experiences of at least 30 hours' duration.

### **Psychology**

**2107300**

**0.5 Credit (Semester), Grades 11-12**

Through the study of psychology, students acquire and understanding of and an appreciation for human behavior interaction and the progressive development of individuals. The content examined in this first introductory course includes major theories and orientations of psychology, psychological methodology, memory and cognition, human growth and development, personality, abnormal behavior, psychological therapies, stress/coping strategies, and mental health.

### **Psychology Honors**

**2107300H**

**0.5 Credit (Semester), Grades 11-12**

This advanced psychology course allows students to acquire an understanding and appreciation of human behavior, behavior interaction and the progressive development of individuals. This course also encourages the recognition and acceptance of human complexity and thereby fosters healthy self-examination, as well as an understanding of the behavior of others.

### **AP U.S. Government and Politics**

**2106420**

**0.5 Credit (Semester), Grades 11-12**

**AP courses require an academic contract and may include class time outside of school hours.**

Advanced Placement U.S. Government and Politics encourages students to employ an objective, yet critical, approach in studying the politics and government of the United States. American politics are examined by studying key historical events and specific case studies. Students are introduced to

the institutions, groups, beliefs and ideas that comprise the American political experience. Key concepts such as federalism, separation of powers, Constitutional primacy, as well as more abstract forces such as public opinion, special interests, political parties, civil liberties and civil rights advocacy are analyzed. [Those taking this course must take the AP Exam.](#)

### **AP U.S. History**

**2100330**

**1 Credit, Grades 10-12**

**AP courses require an academic contract and may include class time outside of school hours.**

Advanced Placement U.S. History provides students with an understanding of the development of the United States by examining historical events and connections with an emphasis on preparing students as future active participants in a democratic society. Students use knowledge pertaining to history, geography, economics, political processes, religion, ethics, culture and humanities to analyze issues and to solve problems. [Those taking this course must take the AP Exam.](#)

### **AP Human Geography**

**2103400**

**1 Credit, Grades 9-12 Elective**

**AP courses require an academic contract and may include class time outside of school hours.**

Advanced Placement Human Geography introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. [Those taking this course must take the AP Exam.](#)

### **AP Capstone Seminar**

**1700500**

**1 Credit, Grades 10-12 Elective**

**Required for the AP Capstone Diploma: AP Capstone Seminar & Research plus four (4) other AP Courses with a 3 or better on the AP Test.**

**AP courses require an academic contract and may include class time outside of school hours.**

Advanced Placement Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

## **AP Capstone Research**

**1700510**

**1 Credit, Grades 10-12 Elective**

**Required for the AP Capstone Diploma: AP Capstone Seminar & Research plus four (4) other AP Courses with a 3 or better on the AP Test.**

**AP courses require an academic contract and may include class time outside of school hours.**

Advanced Placement Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.

## **Theology Department**

Questions can be directed to the [Department Chair](#) or [Guidance Department](#).

### **Scripture: Old Testament**

**0001001**

**0.5 Credit (Semester 1), Grade 9**

The purpose of this course is to give students a general knowledge and appreciation of the Sacred Scriptures. Students will learn about the Bible, authored by God through Inspiration, and its value to people throughout the world. This course will have a particular focus on God's revelation in the Old Testament.

### **Scripture: New Testament**

**0001002**

**0.5 Credit (Semester 2), Grade 9**

This course is a continuation of the first semester scripture course but focuses more particularly on the encounter with the living Word of God, Jesus Christ, in the New Testament and the work of the early apostles in spreading the Good News throughout the world.

### **Jesus Christ's Mission Continues in the Church**

**0001005**

**0.5 Credit (Semester 1), Grade 10**

Christ Established His One Church to Continue His Presence and His Work. This course studies the origin, foundation, and manifestation of the Church and focuses on the Church's identity as the physical incarnation of the Mystical Body of Christ.



**Life in Christ (Sophomore)****0001007S****0.5 Credit (Semester 2), Grade 10**

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

**Sacraments as Privileged Encounters with Christ****0001006****0.5 Credit (Semester 1), Grade 11**

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

**Life in Christ (Junior)****0001007J****0.5 Credit (Semester 2), Grade 11**

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

**Vocations: Responding to the Call****0001004****0.5 Credit (Semester 1), Grade 12**

The purpose of this course is to help students to understand the vocations of life: how Christ calls us to live. In this course, students should learn how all vocations are similar and how they differ. The course is structured around married life, single life, priestly life, and consecrated life.

**Ecumenical and Interreligious Issues****0001008****0.5 Credit (Semester 2), Grade 12**

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

## Dual Enrollment Religion 123

2105311

### Offered in Fall

**0.5 Credit (Semester 2 Only), Grade 11, 12 elective \*Must have a 3.3 UW GPA**

**\*You will earn 3 credits from Saint Leo University if you earn a “C” or better. There will be an additional cost of \$125 per college credit (\$375 for a 3-credit course).**

This course involves an introduction to the field of theology as an academic discipline with a body of writing, methods, and interpretations. It is concerned with how to successfully study theology, including basic library research methodology and critical thinking. Students will build a basic understanding of the whole of theology through an introduction of its parts: Old Testament and New Testament literature, Who is Jesus?, What is the Church?, Grace and the Sacraments, Christian Morality, Social Justice, Judaism and the Church, the Islamic religion and the Church, and Catholic theology in a global context.

## Dual Enrollment Religion 110RS

2105312

### Offered in Spring

**0.5 Credit (Semester 2 Only), Grade 11, 12 elective \*Must have a 3.3 UW GPA**

**\*You will earn 3 credits from Saint Leo University if you earn a “C” or better. There will be an additional cost of \$125 per college credit (\$375 for a 3-credit course).**

The New Testament record of the development of Christianity from a sect within Judaism to becoming a world religion. This course will examine the foundational texts of Christian Scripture with attention to historical context, the intentions of the authors and the way the texts were edited.

## *Visual, Performing, and Multimedia Arts Department*

Questions can be directed to the [Department Chair](#) or [Guidance Department](#).

### *Visual Arts*

#### **Art 2D Studio Art 1A**

**0101300A**

**0.5 Credit (Semester), Grades 9-12**

Students taking Art 2D Level 1 engage in sequential learning experiences that encompass Art History, art criticism, aesthetics and production and lead to the creation of portfolio quality works. A variety of two-dimensional media and techniques will be explored as students produce their own works. Pencil, charcoal, pastel and paint are some of the media that will be explored. Specifically, students in this class will learn the pre-requisites needed to excel in other art courses. Students are required to furnish a sketchbook for this course. **Studio Fee for this class is \$10.**

#### **Art 2D Studio Art 1B**

**0101300B**

**0.5 Credit (Semester), Grades 9-12**

***Pre-requisite: Successful completion of Art 2D Studio Art 1A.***

Students taking this course will experiment with the media and techniques used to create a variety of 2 dimensional (2-D) artworks through the development of skills in drawing, painting,

printmaking, collage and/or design. Students practice, sketch, and manipulate the elements of art and the principles of design to improve their compositions. Students use observation, research and their imaginations to create. Through the critique process, students evaluate and respond both in discussion and in writing to their own works and that of their peers. Students will be expected to produce clear and coherent writing in which development, organization and style is appropriate to the assignment. Students are required to furnish a sketchbook for this course. This course requires participation in the maintenance of a studio environment. **Studio Fee for this class is \$10.**

### **Art 3D Studio Art 1A**

**0101330A**

**0.5 Credit (Semester), Grades 9-12**

Students will explore how space, mass, balance and form combine to create aesthetic forms or utilitarian products and structures. They will explore sharp and diminishing detail, size, position, overlapping, visual pattern, texture, space and plasticity, reflecting craftsmanship and quality in the surface and structural qualities of their completed art forms. Students in the 3D art studio focus on the use of safety procedures for process, media and techniques. Student artists will use an art criticism process to evaluate, explain, and measure artistic growth in personal and group works. They will be expected to participate effectively in collaborative discussions, follow directions and use effective time-management skills to complete the art-making process. They will be expected to produce clear and coherent writing in which development, organization and style is appropriate to the assignment. **Studio Fee for this class is \$15.**

### **Art 3D Studio Art 1B**

**0101330B**

**0.5 Credit (Semester), Grades 9-12**

***Pre-requisite: successful completion of Art 3D Studio Art 1A***

Students will further explore how space, mass, balance and form combine to create aesthetic forms or utilitarian products and structures. They will explore sharp and diminishing detail, size, position, overlapping, visual pattern, texture, space and plasticity, reflecting craftsmanship and quality in the surface and structural qualities of their completed art forms. Students in the 3D art studio focus on the use of safety procedures for process, media and techniques. Student artists will use an art criticism process to evaluate, explain, and measure artistic growth in personal and group works. They will be expected to participate effectively in collaborative discussions, follow directions and use effective time-management skills to complete the art-making process. They will be expected to produce clear and coherent writing in which development, organization and style is appropriate to the assignment. **Studio Fee for this class is \$15.**

### **Ceramics**

**0102300**

**0.5 Credit (Semester), Grades 10-12**

***Pre-requisite: Teacher approval***

This hands-on course will encourage students to develop techniques in coil, slab, pinch, combination, wheel throwing and sculpture. Students will explore different glaze techniques and glaze chemistry and the chemistry behind the clay firing process. Students should expect to spend additional time after school in the studio beyond the classroom hours, due to the processes involved in the production of clay objects. Students will engage in experiences that encompass art history, art appreciation, art criticism, aesthetics and production. They will be expected to produce clear and

coherent writing in which development, organization and style is appropriate to the assignment. Works produced in this course will be of portfolio quality. **Studio Fee for this class is \$20.**

## **Painting**

**0104370**

**0.5 Credit (Semester), Grades 10-12**

***Pre-requisite: Art 2D Studio Art 1A and teacher approval***

This course focuses on creation and study of painting and continues the development of a body of work for inclusion in a portfolio. It involves a broad range of painting media, techniques and processes. Building on concepts and skills learned in pre-requisite courses, students will work at a more advanced level applying their knowledge of production, critical analysis, history and culture, ethics, and connections among the visual arts, other content areas and everyday life. Students will be expected to produce clear and coherent writing in which development, organization and style is appropriate to the assignment. **Studio Fee for this class is \$15.**

## **Performing Arts**

**Chorus/Show Choir 1**

**1303300**

**Chorus/Show Choir 2**

**1303310**

**0.5 Credit (Semester), Grades 9-12**

The purpose of this course is to enable students to develop basic individual and ensemble skills in choral performance through preparation of varied high school literature. Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation, and development of critical and aesthetic response to music.

**Chorus/Show Choir 3**

**1303320**

**Chorus/Show Choir 4**

**1303330**

**0.5 Credit (Semester), Grades 10-12**

The purpose of this course is to enable students to develop basic individual and ensemble skills in choral performance through preparation of varied high school literature. Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation, and development of critical and aesthetic response to music.

**Chorus 5 Honors**

**1303340**

**Chorus 6 Honors**

**1303350**

**1 Credit, Grades 11-12**

This year-long, advanced class is designed for students with previous participation in a high school chorus who have demonstrated a capacity for developing advanced listening/aural skills and advanced knowledge of vocal techniques, musical literacy, and choral performance. Chorus 5/6 Honors focus on development and application of these skills and provides opportunities for aesthetic engagement and making individual musical choices, where appropriate, while preparing a variety of high-quality choral literature.

**Dance Performance and Choreography 1A** 0300380

**Dance Performance and Choreography 1B** 0300380

**0.5 Credit (Semester), Grades 9-12**

Students explore concepts of designing dance works with a focus on improvisation, composition, and choreographic processes and principles. Students study the works and creative techniques of highly respected choreographers in varied performance genres as guidance and a source of inspiration. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Students in this class may need to obtain (i.e., borrow, purchase) appropriate footwear and/or dance attire from an outside source.

**Dance Performance and Choreography 2A Honors** 0300390A

**Dance Performance and Choreography 2B Honors** 0300390B

**0.5 Credit (Semester), Grades 9-12**

*Pre-requisite: Audition and by teacher recommendation*

Students explore advanced concepts of designing dance works with a focus on improvisation, composition, and choreographic processes and principles. Students study the works and creative techniques of highly respected choreographers in varied performance genres as guidance and a source of inspiration. They also examine the social, political, and cultural forces that influenced their works, and consider the innovations that came out of them. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Students in this class may need to obtain (i.e., borrow, purchase) appropriate footwear and/or dance attire from an outside source.

**Drama/Musical Theatre 1A** 0400310A

**Drama/Musical Theatre 1B** 0400310B

**0.5 Credit (Semester), Grades 9-12**

The purpose of this course is to enable students to develop basic skills in the multiple elements of theatre as a collaborative art. These elements include acting and characterization; movement and vocal production; pantomime and improvisation; theatre terminology; script elements; theatre history and influences; technical theatre and design; playwriting; theatre production; artistic discipline; audience etiquette; roles and careers in theatre arts and relationships between theatre arts and other subject areas.

**Drama/ Musical Theatre 2A** 0400320A

**Drama/ Musical Theatre 2B** 0400320B

**0.5 Credit (Semester), Grades 10-12**

*Pre-requisite: successful completion of Drama 1*

The purpose of this course is to enable students to continue to develop the skills in the multiple elements of theatre as a collaborative art begun in Drama I.

## **Guitar and Instrumental Performance**

**01300350**

### **0.5 Credit (Semester), Grades 9-12**

Student with varying levels of experience extend or develop a working knowledge of various musical instruments. This is not just a guitar class, this is a performance class, and may include guitar, piano, string, woodwind, brass, percussion, and world instruments. Students will learn fundamental playing techniques, including hand positions, posture, fingering systems and characteristic embouchure, breathing and tone production where applicable. Students may be required to attend and/or participate in rehearsals and performances outside of the school day to support and assess learning in the classroom. *If you would like to sign up for guitar, but do not own one, we have a class set (subject to availability).*

## **Technical Theatre: Production and Set Design 1A**

**0400407**

### **Technical Theatre: Production and Set Design 1B**

#### **0.5 Credit (Semester), Grades 9-12**

Students focus on learning the basic tools and procedures for designing and creating scenery and properties (props) with particular attention to technical knowledge of safety procedures and demonstrated safe operation of theatre equipment, tools, and raw materials. This course is designed to introduce students to general woodworking practices through set design and similar projects. Students will demonstrate safe and appropriate use of hand tools, power tools, and woodworking machinery. The student will develop a broader understanding of construction processes as well as more in depth problem solving skills. Students may be required to attend or participate in technical work, rehearsals, and/or performances beyond the school day to support, extend, and assess learning in the classroom.

## **Technical Theatre: Production and Set Design 2A**

**0400500**

### **Technical Theatre: Production and Set Design 2B**

#### **0.5 Credit (Semester), Grades 9-12**

Students focus on learning the basic tools and procedures for designing and creating scenery and properties (props) with particular attention to technical knowledge of safety procedures and demonstrated safe operation of theatre equipment, tools, and raw materials. This course is designed to introduce students to general woodworking practices through set design and similar projects. Students will demonstrate safe and appropriate use of hand tools, power tools, and woodworking machinery. The student will develop a broader understanding of construction processes as well as more in depth problem solving skills. Students may be required to attend or participate in technical work, rehearsals, and/or performances beyond the school day to support, extend, and assess learning in the classroom.

## **Technical Theatre: Light and Sound Production 1**

**0400410**

### **Technical Theatre: Light and Sound Production 2**

**0400420**

#### **0.5 Credit (Semester), Grades 9-12**

Students will focus on developing basic tools and procedures for creating elements of technical theatre, which will include costumes, lighting, makeup, properties (props), publicity, scenery, and sound. Technical knowledge of safety procedures and demonstrated safe operation of theatre

equipment, tools, and raw materials are central to success in this course. Students explore and learn to analyze dramatic scripts, seeking production solutions through historical, cultural, and geographic research. Students also learn the basics of standard conventions of design presentation and documentation; the organizational structure of theatre production and creative work in a collaborative environment; and the resulting artistic improvement. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend or participate in technical work, rehearsals, and/or performances beyond the school day to support, extend, and assess learning in the classroom.

**Technical Theatre: Light and Sound Production Honors      0400440**  
**1 Credit, Grades 10-12**

Advanced application for creating elements of technical theatre, including costumes, lighting, makeup, properties (props), publicity, scenery, and sound. Public performances may serve as a culmination of specific instructional goals. Students apply practical knowledge, further develop and expand skills in theatre production in a collaborative environment. Students will develop leadership skills, communication skills, and 21<sup>st</sup> Century learning to collaborate and problem solve. Students may be required to attend or participate in technical work, rehearsals, and/or performances beyond the school day to support, extend, and assess learning in the classroom.

**AP Music Theory      01300300**  
**1 Credit, Grades 10-12**

**AP courses require an academic contract and may include class time outside of school hours.** Students learn how music is constructed and developed, and acquire a basic understanding of the structural, technical, and historical elements of music. Student theorists develop basic ear-training, keyboard, and functional singing skills, and engage in the creative process through individual and collaborative projects. Public performances may serve as a resource for specific instructional goals. Students may be required to attend one or more performances outside the school day to support, extend, and assess learning in the classroom. [Those taking this course must take the AP Exam.](#)

**Multimedia Arts**

**Digital Art Imaging 1 A/B      0108370**  
**1 Credit, Grades 9-12**

The purpose of this course is to develop basic skills in the production of print or electronic media materials, with a focus on the school yearbook, news, or TV Productions. Students are expected to attend after-school activities, to generate video productions, photographs and/or stories for the yearbook. Students must have SD memory cards of their own for daily use; and they are encouraged to have their own digital camera or video capable camcorder for this course. In keeping with the business nature of yearbook and television production, students will be expected to sell advertisements, interact with the community, and participate in summer planning meetings. Media students are expected to build skills of writing, headlining, captioning and photography or in filming, editing, casting, and writing for TV Production.

**Digital Art Imaging 2 A/B**  
**1 Credit, Grades 10-12**

**0108387**

*Pre-requisite: Successful completion of Digital Media Arts I.*

The purpose of this course is to further develop skills in the production of print or electronic media materials, with a focus on the school yearbook, news, or TV Productions. Students are expected to attend after-school activities, to generate video productions, photographs and/or stories for the yearbook. Students must have SD memory cards of their own for daily use; and they are encouraged to have their own digital camera or video capable camcorder for this course. In keeping with the business nature of yearbook production, students will be expected to sell advertisements, interact with the community, and participate in summer planning meetings. Media II students are expected to assume a leadership role and to work with Media I students in writing, headlining, captioning and photography or in filming, editing, casting, and writing for TV Production.

**Digital Art Imaging 3 A/B**  
**1 Credit, Grades 11-12**

**0108390**

*Pre-requisite: Successful completion of Digital Media Arts I and II.*

The purpose of this course is to further develop skills in the production of print or electronic media materials, with a focus on the school yearbook, news, or TV Productions. Students are expected to attend after-school activities, to generate video productions, photographs and/or stories for the yearbook. Students must have SD memory cards of their own for daily use; and they are encouraged to have their own digital camera or video capable camcorder for this course. In keeping with the business nature of yearbook production, students will be expected to sell advertisements, interact with the community, and participate in summer planning meetings. Media III students are expected to assume a leadership role and to work with Media I and II students in writing, headlining, captioning and photography or in filming, editing, casting, and writing for TV Production.

**Film 1**  
**0.5 Credit (Semester), Grades 9-12**

**0107410**

The purpose of this course is to provide opportunities for study and experience in the many aspects, roles, and careers associated with the film industry. Topics covered will focus on the silent film era through the end of the studio system in 1950. Content covered will be technical terminology, careers in film, production techniques, and analysis.

**Film 2**  
**0.5 Credit (Semester), Grades 9-12**

**0107410**

The purpose of this course is to provide opportunities for study and experience in the many aspects, roles, and careers associated with the film industry. Topics covered will focus on the 1950's to the present. Content covered will be technical terminology, careers in film, production techniques, and analysis.



**Speech/Debate 1A****1007300****Speech/Debate 1B****1007300****0.5 Credit (Semester), Grades 9-12**

The purpose of this course is to provide instruction in the fundamentals of formal and informal oral communication. The course will cover various forms of speech communication such as, persuasive speaking, impromptu speaking, demonstrative speaking, and oral interpretation. Students are exposed to various techniques of public speaking. Students will learn research, organization, and writing skills needed to be a successful public speaker. This is a visual/performing arts credit.

**Debate Honors****1007350****1 Credit, Grades 11-12**

The purpose of this course is to develop students' enhanced awareness, understanding, and application of language arts as they apply to advanced oral communication concepts and strategies for public debate in a variety of given settings. Some work outside of the regular school day may be required. Students earn distinction through speech and debate competition, as well as community service, public speaking, and leadership activities. Members are eligible to join the Honor Society once they have earned the required number of points.

**World Languages Department**

Questions can be directed to the [Department Chair](#) or [Guidance Department](#).

**American Sign Language (ASL) 1****0717300****1 Credit, Grades 9-12**

American Sign Language 1 is an introduction to ASL. Includes basic grammar, vocabulary, fingerspelling, numbers, and cultural information related to the Deaf Community. The American Sign Language (ASL) student will develop communicative skills in all 3 modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication in the language with introductions to culture, connections, comparisons, and communities.

**American Sign Language (ASL) 2****0717310*****Prerequisites: Successful completion of American Sign Language 1.*****1 Credit, Grades 10-12**

This course is designed to continue development of American Sign Language expressive and receptive skills, grammar, vocabulary, cultural awareness, and related terminology. ASL 2 reinforces the fundamental skills acquired by the students in ASL 1. The course develops increased receptive and expressive, skills as well as cultural awareness. Specific content to be covered is a continuation of skills while communication remains the primary objective. The cultural survey of the target language is continued.

**French 1****0701320****1 Credit, Grades 9-12**

This course introduces students to the French language and its culture. The student will develop communicative skills in all 3 modes of communication and cross-cultural understanding. Emphasis

is placed on proficient communication in all language. An introduction to reading and writing is included, as well as culture, connections, comparisons and communities.

## **French 1 Honors**

**0701320H**

### **1 Credit, Grades 9-12**

The purpose of this honors course is to promote academic excellence in advanced studies of the French language. This course introduces students to the French language and its culture. The student will develop communicative skills in all 3 modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication in all language. An introduction to reading and writing is included, as well as culture, connections, comparisons and communities.

## **French 2**

**0701330**

### **1 Credit, Grades 9-12**

French 2 reinforces the fundamental skills acquired by students in French 1. The course develops increased listening, speaking, reading, and writing skills as well as cultural awareness. Specific content to be covered is a continuation of listening and oral skills acquired in French 1. Reading and writing receive more emphasis, while oral communication remains the primary objective. The cultural survey of the target language-speaking people is continued.

## **French 2 Honors**

**0701330H**

### **1 Credit, Grades 9-12**

The purpose of this honors course is to promote academic excellence in advanced studies of the French language. French 2 reinforces the fundamental skills acquired by students in French 1. The course develops increased listening, speaking, reading, and writing skills as well as cultural awareness. Specific content to be covered is a continuation of listening and oral skills acquired in French 1. Reading and writing receive more emphasis, while oral communication remains the primary objective. The cultural survey of the target language-speaking people is continued.

## **Spanish 1**

**0708340**

### **1 Credit, Grades 9-12**

This course will introduce students to the Spanish Language. The culture, history, and geography of Hispanic countries will be studied as communication skills and cross-cultural understanding are developed. Students will learn to read, write, speak, and understand spoken Spanish through practicing vocabulary and grammar, reading literature, having conversations, listening to Spanish speakers in various contexts and studying the text. Students will also explore the culture of Spanish speaking people around the world through reading and projects.

## **Spanish 1 Honors**

**0708340H**

### **1 Credit, Grades 9-12**

***Pre-requisite: Qualifying score on BMCHS placement test, Department approval.***

The purpose of this honors course is to promote academic excellence in the Spanish language. Students will learn culture, history, vocabulary, and grammar through enriched experiences in basic

literature, writing, speaking, and listening. Students will also explore the culture of Spanish speaking people around the world through reading and projects.

## **Spanish 2**

**0708350**

**1 Credit, Grades 10-12**

*Pre-requisite: Successful completion of Spanish 1.*

This course is designed to reinforce the fundamental skills previously acquired and develop increased listening, speaking, reading, and writing skills as well as cultural awareness. Students will continue to develop their vocabulary and their understanding of grammar concepts. They will extend their knowledge of verb tenses from just the present tense to include both past tenses of the Spanish Language. Additionally, students will continue to explore the culture of Spanish speaking people through readings, films and projects.

## **Spanish 2 Honors**

**0708350H**

**1 Credit, Grades 10-12**

*Pre-requisite: Qualifying score on placement test, Department approval.*

This honors course is offered to students who have demonstrated above average ability to successfully comprehend, communicate and write while in Spanish 1. The course will provide a more challenging learning environment. It will reinforce the skills previously acquired and develop increased listening, speaking, reading, and writing skills as well as cultural awareness. Vocabulary will be expanded and new grammatical structures will be introduced to increase accuracy in communication. Students utilize the present, past and future tense in reading, writing, listening and speaking assignments. Spanish is spoken by the instructor for the majority of this class; however, grammar and more technical explanations may take place in English. Additionally, students will continue to explore the culture of Spanish speaking people through readings, films and projects.

## **Spanish 3 Honors**

**0708360H**

**1 Credit, Grades 10-12**

*Pre-requisite: successful completion of Spanish 2 Honors, Department approval*

Spanish 3 Honors builds on the accelerated program begun in Spanish 1 and 2. It is the third course in the series of courses leading to Advanced Placement Spanish and Culture. The students in Spanish 3 Honors will review all material learned previously in addition to new grammar, namely all the subjunctive and perfect tenses. Vocabulary focuses on idioms and words used in everyday language. Writing, conversational skills, listening, and the analysis of reading selections are emphasized. Students will be exposed to new dimensions of language learning and the culture of Spanish-speaking people through readings, films and projects.

## **AP Spanish Language and Culture**

**0708400**

**1 Credit, Grades 11-12**

**AP courses require an academic contract and may include class time outside of school hours.**

Advanced Placement Spanish Language and Culture develops a high level of proficiency in the four basic language skills: listening, speaking, reading, and writing. It includes the study of Hispanic

cultures through reading, analysis, and criticism of Hispanic literature, particularly that of the 20th century. [Those taking this course must take the AP Exam.](#)

## **Business Department**

### **Dual Enrollment Introduction to Business**

**GEBX011**

**0.5 Credit (Semester), Grades 11-12**

**\*You will earn 3 credits from Saint Leo University if you earn a “C” or better. There will be an additional cost of \$125 per college credit (\$375 for a 3-credit course).**

**This course will be taught by a Saint Leo Adjunct Professor at Bishop McLaughlin live in the classroom and may be taught via Zoom as well.**

This course provides opportunities to learn and experience a variety of topics in the field of business. Students are exposed to various economies, their roles in our economy, entrepreneurship, marketing, managing financial and technological resources, and the use of social media. Course activities involve students in writing, investigating, problem-solving, demonstrating, and reporting.

### **Dual Enrollment Business Law**

**BUX241**

**0.5 Credit (Semester), Grades 11-12**

**\*You will earn 3 credits from Saint Leo University if you earn a “C” or better. There will be an additional cost of \$125 per college credit (\$375 for a 3-credit course).**

**This course will be taught by a Saint Leo Adjunct Professor at Bishop McLaughlin live in the classroom and may be taught via Zoom as well.**

This is an introductory course on the fundamental concepts of law in society and the business environment. Topics include state and federal court systems, common statutory law, administrative procedures and constitutional law with emphasis on torts, contracts, bailments, and sales (warranties and liabilities).

Questions can be directed to the [Guidance Department](#).