MISSION STATEMENT

Archbishop Williams High School, Inc. is a Catholic, co-educational, independent high school, which educates young men and women spiritually, academically, morally and physically. We are a Christian community that integrates learning with faith and focuses on developing the whole person. We seek to provide an affordable college preparatory education and to graduate capable and confident young people who are responsible members of their communities and who are guided by the values of the Catholic Church.

NOTICE OF NONDISCRIMINATION POLICY

The nonpublic schools of the Archdiocese of Boston admit students of any race, color, national and ethnic origin to all the rights, privileges, programs, and activities generally accorded or made available to students at the schools. They do not discriminate on the basis of race, color, national and ethnic origin, in administration of educational policies, admission policies, scholarship and loan programs, and in the hiring of school personnel.

APPROVED

Michael R. Voloninno, Ph.D.
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TO THE STUDENT AND PARENTS

PURPOSE OF THE PROGRAM OF STUDIES

The purpose of this Program of Studies is to assist the student and parents in course selections for the 2016-2017 academic year. It contains department goals and objectives, graduation requirements, individual course prerequisites, course descriptions, and course requirements.

It is highly recommended that the student and parents lay the groundwork for course selections by careful consideration of future aspirations, serious evaluation of past performance, and by meaningful dialogue with teachers, and the guidance counselor. Placing a check next to a course is an easy matter, placing it next to the course that is best for the student in the light of the above considerations, is not.

The material found in this Program of Studies has been prepared by the various departments. For most courses, the teachers who presently teach the student will determine the correct level for each course the student will take next year whether they be elective courses or required courses. Sophomores and juniors must consult with their guidance counselor for assistance in selecting elective courses.

Students must choose all courses based on the relative merit of the courses and not by a student’s knowledge of the teacher who may be teaching that course. Teacher assignments will not be finalized until the end of the school year and may not be the same as the current school year.

The Administration reserves the right to withdraw courses with insufficient registration and to make necessary changes in the schedule of courses.
DUAL ENROLLMENT FOR COLLEGE CREDIT AT AWHS

1. AWHS juniors and seniors whose grades and citizenship meet the criteria will be able to enroll in a selected number of courses for collegiate as well as high school credit.

2. These courses will be sponsored and approved by Syracuse University, Regis College, Quincy College, and the University of Connecticut.

3. Those students taking courses for college credit will do so on our campus during the regular school day. Still, their experience will be at the college level. The course outlines, syllabi and textbooks assigned to these courses will be defined and approved by each respective college sponsor.

4. The teachers of these college credit courses will be members of our faculty who are approved adjunct instructors as recognized by the sponsoring college.

5. College grading in a particular course will be given in addition to and separate from each student’s high school grade in that course.

6. Our students will take AWHS full year courses as listed in our Program of Studies booklet with college semester credit given in accordance with the individual college’s Program of Studies.

7. Some of our Dual Enrollment courses will include students who are taking these courses for high school credit only. However, Dual Enrollment students will:
   - Receive a collegiate grade based on a collegiate rubric in addition to the high school grade.
   - Apply to and register for the college course, and pay the fraction of collegiate tuition.
   - May be invited to visit the college campus once or twice per year.
   - Have access to the college library, databases, resources and more; as will students taking the course for college credit.

8. The college credits earned at AWHS will replace credits and courses taken at the sponsoring school, should a student attend that school as a freshmen. These credits may replace courses and credits at any college accepting the sponsoring school’s credit in transfer. We recommend students confirm such credit transfer before taking these courses.

9. Tuition for Dual Enrollment college credit is a fraction of the cost of college tuition. Some schools will want a payment collected by AWHS, others will want payment directly to the sponsoring college or university.

10. Specific courses offered for Dual Enrollment will be provided to students.
GENERAL INFORMATION

I. LEVELS FOR GRADES 9-12
We have levels for most courses, Advanced Placement (Grades 11 & 12 only), Honors, Accelerated, and College Preparatory. For each course listed on the following pages, the level is indicated if the course is leveled.

II. FINAL YEARLY AVERAGE IN A COURSE
The final yearly average in a course will be computed by doubling the four marking period grades, adding the two semester exam grades, and dividing by the sum of 10.

III. PASSING GRADE FOR EACH COURSE
The passing grade for a Full Year course is a yearly average of 60. In the case of semester courses, the passing grade is a semester average of 60.

IV. GRADUATION REQUIREMENTS FOR GRADES 9-12
To qualify for graduation from Archbishop Williams High School, the student must have successfully completed all course work. The four year curriculum is as follows:

- FOUR credits in THEOLOGY
- FOUR credits in ENGLISH
- FOUR credits in MATHEMATICS
- THREE credits in SOCIAL STUDIES (U. S. History required)
- TWO credits in the same FOREIGN LANGUAGE
- THREE credits in SCIENCE (including two credits in Laboratory Science and one credit chosen from Science electives)
  (Students completing the 3-year Art Sequence may elect two credits in Laboratory Science only)
- FOUR credits in ELECTIVES (one being Fine Arts)

Students in grades 9-12 are required to complete a total of 70 hours of community service over four years to graduate from Archbishop Williams. Detailed information concerning this requirement will be included in the Freshman orientation packet and the student handbook.

Students in grades 7 and 8 have community service embedded in their program.

In addition to the above requirements, freshmen maybe required to complete one course in Skills, which includes PHYSICAL EDUCATION (unless excused by a doctor), HEALTH EDUCATION, and STUDY SKILLS. Honors students enrolled in two math courses may be waived from this requirement. Seniors enrolled in courses requiring Senior Projects must successfully complete the Senior Project to graduate.
LEVELING PROCESS FOR GRADES 9-12

The leveling process takes place each year in February for students in grades 9, 10, and 11. Departments meet to discuss the optimum placement for students to achieve academic success the following year. Recommendations for placement are based upon student academic achievement in each subject area as demonstrated in the first semester average that includes first and second quarter grades and the semester exam grade.

The following criteria is used to remain in or change levels:

**College Preparatory:** Students must successfully complete all academic requirements in order to obtain a passing grade in the prerequisite course. Teacher approval for college preparatory electives may be required as stated in the individual course descriptions outlined in this Program of Studies booklet.

**Accelerated:** In order for a student to move from the college preparatory to the accelerated level in an academic discipline, the student must demonstrate high academic achievement and work ethic in first and second quarter grades as well as mastery of content in the subject area on the January semester exam. A minimum semester average of 85 is required along with department approval. In order for an accelerated student to remain in the accelerated level, he/she must attain a semester average of 80 or above, demonstrate a mastery of the subject content on the semester exam, and have the approval of the current teacher.

**Honors:** In order for a student to move from the accelerated level to the honors level in an academic discipline, the student must demonstrate high academic achievement, a high degree of motivation, the ability to think critically, and the ability to master content material being taught at a fast pace. A minimum semester average of 90 is required along with department approval. In order for an honors student to remain in the honors level, he/she must attain a semester average of 85 or above, demonstrate mastery of the subject content on the semester exam, and have the approval of the current teacher.

**AP Level:** AP level courses are the most work intensive and challenging courses offered at Archbishop Williams High School. At this level, students are required to move quickly through college level material in order to complete the required curriculum by the AP exam in May. Only the most qualified students are admitted to AP level courses. Students wishing to elect a course at the AP level must apply to do so. Each department has its own prerequisites and requirements for admission into the AP program. Please consult individual course descriptions found in this Program of Studies booklet. Students unable to complete required summer work for AP classes by the first day of class will be removed from the class. AP classes are a year-long commitment culminating in May with the AP test which is required of all students enrolled in these classes.
Virtual High School: Seniors wishing to take an elective course through Virtual High School must obtain an application form from the Guidance Department. Upon completion of the application form, the Guidance Department makes recommendations based on the academic record of the applicants to the AWHS VHS Site Coordinator for admittance into the Virtual High School program. The Site Coordinator and Assistant Principal make the final decision for acceptance into VHS. Seniors meeting academic criteria are given preference. Students accepted into VHS wishing to enroll in AP courses must follow the AP policies established by VHS as well as by AWHS.

Entering 9th Graders: Placement of entering ninth graders is based on their composite score on the HSPT entrance exam and a placement exam in Math and Foreign Language.

Procedure for review of level placement: A teacher, parent, or student may request reconsideration of a course assignment or level placement after the start of the academic year or semester if supporting data or extenuating circumstances indicate that a change is appropriate. Such requests should be submitted in writing to the appropriate department chairperson stating the change of level or course requested and the reason for the request.

No request for a level or course change should be submitted unless the student making the request:

- Has been attending classes faithfully and is prepared for class by doing appropriate homework;
- comes equipped with necessary materials and textbook;
- goes for extra help after or before school if/as prescribed by teacher.

Each Situation will be reviewed carefully by the department chair in consultation with the guidance counselor, assistant principal and classroom teacher/s. Parents will be informed of the decision as soon as possible. In some cases, this may not be possible until after year-end final grades are submitted. The principal retains the final decision in the case of disagreement.

Transferring Classes: At the start of the school year, students may not request to transfer out of a class until September 21, 2016. Requests must be made by September 24 and must have the approval of a parent/guardian. A transfer before or after those dates may be initiated by the teacher or guidance counselor. This is to give students a chance to acclimate to teacher expectations and the curriculum.

Student requests will be considered on a case-by-case basis with preference given to academic need. Consideration will be given to class size. Transfer requests will not be granted based on teacher preference. All transfers require final approval by the assistant principal.
## WEIGHTED G.P.A. ON A 4.0 SCALE

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PROGRAM OF STUDIES 2016-2017

GRADE 7

REQUIRED:
THEOLOGY 7
ENGLISH 7
PREALGEBRA
WORLD GEOGRAPHY
PHYSICAL SCIENCE
SPANISH (1A)
ART 7
MUSIC 7
PHYSICAL EDUCATION
STUDY SKILLS

GRADE 8

REQUIRED:
THEOLOGY 8
ENGLISH 8
ALGEBRA I
WORLD HISTORY I
LIFE SCIENCE
FRENCH (I) or SPANISH (I)
ART 8
MUSIC 8
PHYSICAL EDUCATION
ADVISORY

FRESHMEN

REQUIRED:
THEOLOGY 9
ENGLISH I
ALGEBRA I or ALGEBRA I/ALGEBRA II AND
GEOMETRY or ALGEBRA I H AND GEOMETRY
WORLD HISTORY II
BIOLOGY I
FRENCH (I or II) or SPANISH (I or II)
PHYSICAL EDUCATION/STUDY SKILLS/HEALTH
INTRODUCTION TO THEATER ARTS or
INTRODUCTION TO VISUAL ARTS
FRESHMAN GUIDANCE

SOPHOMORES

REQUIRED:
THEOLOGY 10
ENGLISH II
GEOMETRY or ALGEBRA II
or ALGEBRA II ADVANCED
US HISTORY I
CHEMISTRY I
FRENCH (II or III) or SPANISH (II or III)
ART I or INTRODUCTION TO THEATER ARTS or
INTRODUCTION TO VISUAL ARTS or
CONTEMPORARY MUSIC or CHORUS
or ENSEMBLE: WHAT’S THAT SOUND!

JUNIORS

REQUIRED:
THEOLOGY 11
ENGLISH III or SEMINAR IN ACADEMIC WRITING
ALGEBRA II, ANALYSIS ADVANCED
PRECALCULUS
UNITED STATES HISTORY or U.S. HISTORY AP
GUIDANCE (one semester)
ELECTIVE: TWO ELECTIVES FROM THE FOLLOWING:

- FRENCH (III or IV) or SPANISH (III or IV)
- AP BIOLOGY (restrictions apply)
- PHYSICS I
- ART II
- PHOTOGRAPHY AND MEDIA
- CHORUS
- ENSEMBLE: WHAT’S THAT SOUND!
- MUSIC TECHNOLOGY
- COMMUNICATION INTERNSHIP
- ATHLETIC DEPARTMENT INTERNSHIP

RECOMMENDED: SAT AND ACT PREP. (See Guidance section for more information. No graduation credit given for SAT or ACT Prep. Courses. Test fees required.)

SENIORS

REQUIRED:

- THEOLOGY IV: CHRISTIAN LIFESTYLES AND ONE OF THE FOLLOWING:
  - THEOLOGY 12: WORLD RELIGION
  - THEOLOGY 12: MYSTERY OF SUFFERING, DEATH AND RESURRECTION
  - THEOLOGY 12: PRAYER AND SPIRITUALITY
  - THEOLOGY 12: PEER MINISTRY
  - ENGLISH IV, SEMINAR IN ACADEMIC WRITING or ENGLISH IV AP
  - AP CALCULUS, CALCULUS I, STATISTICS, PRECALCULUS or TRIGONOMETRY AND FUNCTIONS

ELECTIVES: THREE ELECTIVES FROM THE FOLLOWING:

- PRESENTATIONAL SPEAKING
- AP MODERN EUROPEAN HISTORY
- LAW AND JUSTICE
- UNITED STATES SINCE 1945
- PERSONAL FINANCE
- PSYCHOLOGY
- AP PSYCHOLOGY
- MACRO/MICROECONOMICS
- AP BIOLOGY
- AP ENVIRONMENTAL SCIENCE
- ENVIRONMENTAL SCIENCE
- ANATOMY & PHYSIOLOGY
- AP CHEMISTRY
- PHYSICS I AP
- PHYSICS II AP
- PHYSICS I
- FORENSIC SCIENCE
- FRENCH (IV or V)
- SPANISH (IV or V)
- ART II
- ART III
- PHOTOGRAPHY AND MEDIA
- CHORUS I, II, III
- MUSIC TECHNOLOGY
- ENSEMBLE: WHAT’S THAT SOUND!
- VIRTUAL HIGH SCHOOL COURSES
- COMMUNICATION INTERNSHIP
- ATHLETIC DEPARTMENT INTERNSHIP
- CAMPUS MINISTRY INTERNSHIP
THEOLOGY DEPARTMENT

GOALS:
The main goal of the Theology Department is to help students understand the faith and life of the Christian and their role in the community. In cooperation with the Campus Ministry Team, the Theology Department seeks to guide young people toward a more mature faith, and to nurture the Christian community that is Archbishop Williams High School.

OBJECTIVES:
• to present a curriculum of Catholic Doctrine based on the U. S. Conference of Bishops’ document, “To Teach as Jesus Did,” and on the Archdiocesan Guidelines for Catholic Schools and the Catechism of the Catholic Church;
• to bear witness to the Gospel message through a presence that strives to be caring, available, responsive, supportive and reconciling;
• to develop awareness among students of their own role in the Church as disciples of Christ;
• to encourage students to always seek the truth with courage; to enable students to form their consciences in order to make responsible, moral decisions in light of the teachings and traditions of the Catholic Church;
• to incorporate a developmental approach to human sexuality that is consistent with Catholic moral teaching;
• to help students develop the ability to read Scripture with understanding;
• to provide students with different experiences of prayer;
• to empower students to live the message of Jesus.

REQUIREMENTS: Students are required to successfully complete a Theology course each year in which they are enrolled at Archbishop Williams High School.

Courses offered follow the Archdiocesan Guidelines for Catechesis.

All courses are leveled as Accelerated toward the student’s GPA.

013 THEOLOGY 7: Life of Jesus

Course: By studying the Gospels, this course will provide opportunity to gain a deeper understanding of who Jesus is, his life and his mission. Further, it will provide insights into how the early disciples of Jesus, the early Church, spread the Good News in the Acts of the Apostles.

Requirements: Regular reading and writing assignments, quizzes, tests, projects and participation in class activities.
**THEOLOGY 8: History of the Catholic Church**

**Course:** Students will study the Christian Faith; gain a better understanding of the sacraments, liturgy/mass, moral formation, and examination of prayer.

**Requirements:** Regular reading and writing assignments, quizzes, tests, projects and participation in class activities.

**THEOLOGY 9**

**Course:** This course provides an overview of the Catholic Faith, The Trinity, who Jesus is, the Church, Traditions, and Scripture with particular emphasis on each of the seven sacraments from the perspective of its meaning, symbols and history. Units of study will include sacraments, prayer, mass, the liturgy, and living a moral life.

**Requirements:** Regular reading and writing assignments, quizzes, tests, projects, and participation in class activities.

**THEOLOGY 10**

**Prerequisites:** Successful completion of the ninth grade Theology course for all students who completed ninth grade at Archbishop Williams High School.

**Course:** A survey of the major persons, events and writings of the Old Testament. This course focuses on an historical overview of the development of the Hebrew Scriptures. An appreciation of the Jewish roots of the Christian/Catholic tradition will be fostered.

**Requirements:** Regular reading and writing assignments, quizzes, tests, projects, and participation in class activities.

**THEOLOGY 10**

**Prerequisites:** Successful completion of the ninth grade Theology course for students who completed ninth grade at Archbishop Williams High School.

**Course:** This course will help students understand Jesus and his message as well as explore the challenges of living a Christian life in today’s world. The aim of the course is to help students develop a deeper and more active knowledge and love of Christ.
Requirements: Regular reading and writing assignments, quizzes, tests, projects, and participation in class activities.

THEOLOGY 11
Grade 11
First Semester

Prerequisites: Successful completion of the tenth grade Theology course for students who completed tenth grade at Archbishop Williams High School.

Course: This course serves as a foundation of Christian values and principles for students. Some of the topics to be covered are self-respect, truth, relationships, fairness, honesty, love, freedom, community and conscience. Activities in class will help students come to a better understanding of how these areas of human development serve as a basis for making sound moral decisions as responsible members of the society in which they live and as committed Christians in their particular worshiping community.

Requirements: Regular reading and writing assignments, quizzes, tests, projects, and participation in class activities.

THEOLOGY 11
Grade 11
Second Semester

Prerequisites: Successful completion of the tenth grade Theology Course for students who completed tenth grade at Archbishop Williams.

Course: The mission of the Church is to continue that of Jesus: “to bring Good News to the poor, to proclaim liberty to captives, recovery of sight to the blind, to set free the oppressed and announce salvation.” This course will present this mission as it surfaces in the world today. It will discuss topics such as poverty, world hunger, war and peace, and prejudices such as sexism, homophobia and racism. The goal of the course is to lead students to respond to the call to be more understanding and compassionate disciples and to promote the Reign of God in the world today and to provide possible solutions that would create an environment conducive to the elimination of these social and ethical problems.

Requirements: Participation in class discussions and activities, prayer leadership, outside research, regular reading and writing assignments, quizzes and tests.
THEOLOGY 12: World Religions

Prerequisites: Successful completion of the eleventh grade Theology course for students who completed eleventh grade at Archbishop Williams.

Course: This senior semester elective provides an introduction to the major faiths of the world and explores how other religious traditions and Christianity mutually respond to fundamental questions of human existence. This senior semester elective sketches the basic doctrines, histories, and practices of several of the world’s religions, as well as other Christian denominations and sects in the United States. This class relies on students’ prerequisite knowledge of Christianity.

Requirements: Regular reading and writing assignments, quizzes, tests, projects and participation in class activities.

THEOLOGY 12: Mystery of Suffering, Death and Resurrection

Prerequisites: Successful completion of the eleventh grade Theology course for students who completed eleventh grade at Archbishop Williams.

Course: This senior elective will invite students to explore the great mysteries of suffering and death in hopeful anticipation of the resurrection. Looking at different religious and philosophical perspectives, an in-depth study will be conducted in an attempt to come to terms with our own pain and suffering and death. This course calls for a certain maturity and a willingness to share on a personal level. Therefore, approval from the students junior theology is required.

Requirements: Regular reading and writing assignments, quizzes, tests, reflections, semester project and participation in class activities.

THEOLOGY 12: Prayer and Spirituality

Prerequisites: Successful completion of the eleventh grade Theology course for students who completed eleventh grade at Archbishop Williams.

Course: This senior semester elective will introduce students to the various ways in which the people of God have entered into relationship with God. We will look at both contemporary and traditional Spiritual
“families” including, but not limited to, Benedictine, Ignatian, and Franciscan. Scripture and Spiritual writers are just two of the sources that will inform students as they engage, through study and experience, a myriad of spiritual practices. The course will familiarize students with various forms of prayer, both ancient and modern, including the Liturgy, guided meditation, scripture meditation, and praying with images.

**Requirements:** Regular reading and writing assignments, quizzes, tests, reflections, and a commitment to fully participate in class discussions and prayer experiences.

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**THEOLOGY 12: Peer Ministry**

**Grade 12**

**Semester Elective**

**Prerequisites:** Successful completion of the eleventh grade Theology course for students who completed eleventh grade at Archbishop Williams and fulfilled their service requirement. An application and interview process will take place. Participation in Peer Ministry prior to September is required.

**Course:** This senior semester elective will enable students to experience the importance of Christ-like leadership in the world today. Students will examine their own strengths and limitations, learn leadership skills, prepare and present witness talks (for student retreats), and learn to be effective small group facilitators (for student retreats). Each student needs to be open to learn the importance of sharing one’s faith publicly.

**Requirements:** Note-taking, tests, quizzes, group presentations and reflection papers are expected for class sessions as well as preparation, planning, and facilitation of underclassmen retreats and school-wide liturgies during the school year. An additional service requirement may be part of this course. This course can take considerable time out of classes within the school day. It is recommended that students should consider their responsibilities and the time commitment involved.

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**THEOLOGY 12: Christian Lifestyles**

**Grade 12**

**Mandatory Second Semester Course**

**Prerequisites:** Successful completion of the eleventh grade Theology course for students who completed eleventh grade at Archbishop Williams.

**Course:** Students will examine the evolution of their own identity and the basic structures involved in a variety of relationships. They will come to understand what distinguishes living a Christian lifestyle. The lifestyles included are: single, religious, priesthood, and married life. Students will learn more practical based knowledge to assist in
their transition to adulthood be it at college, or living on their own after graduation.

**Requirements:** Regular reading and writing assignments, quizzes, tests, reflections, semester project and participation in class activities.

**THE ENGLISH DEPARTMENT**

**GOALS:**
The English Department program exists to prepare the students for college level English with a sound foundation in English grammar, writing skills and appreciation for various types of literature.

**OBJECTIVES:**
- to establish an understanding of the five literary genres: short story, non-fiction, novel, poetry and drama;
- to foster an appreciation of literature as a means of understanding self and humanity, and as entertainment;
- to provide the opportunity for critical expression and shared insight through the literary history of human kind;
- to familiarize each student with narration, description, exposition and persuasion in written expression;
- to promote the development of a lucid, fluid writing style according to each individual’s ability;
- to instill in each student an appreciation for the English language as a means of communication, self expression and personal enrichment;
- to teach students how to use the library and other research facilities;
- to develop standard English usage;
- to instill individual responsibility;
- to nurture the importance of Christian values in studying the literary history of humanity;
- to develop and expand vocabulary growth;
- to provide students with the opportunity to develop public speaking competence before their peers.
- to provide students with SAT, ACT, and AP testing practice

**REQUIREMENTS:** Successful completion of English I, English II, English III and English IV is required for graduation.

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<th>Code</th>
<th>Course</th>
<th>Grade</th>
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<tbody>
<tr>
<td>014</td>
<td><strong>ENGLISH: Language Arts 7 / ACC</strong></td>
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<td>Grade 7</td>
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<tr>
<td>036</td>
<td><strong>ENGLISH: Language Arts 7 / CP</strong></td>
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<td>2 semesters</td>
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**Prerequisites:** Placement will be based on the results of the entrance exam and junior high grades.

**Course:** Students will be introduced to literary genre: short story, poetry, novel, drama and nonfiction. Emphasis will be on developing reading
comprehension skills: citing textual evidence, inference, summarize, compare/contrast, character analysis. Writing instruction will focus on the process of writing coherent paragraphs in a variety of writing modes (persuasive, expository, narrative, descriptive, research, informational and poetry). Vocabulary (Latin and Greek roots) development will be strongly emphasized in this course.

**Requirements:** Regular reading, writing, vocabulary, and grammar assignments, tests, quizzes, and class discussions.

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<tr>
<td>024</td>
<td><strong>ENGLISH: Language Arts 8 / ACC</strong></td>
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<tr>
<td>033</td>
<td><strong>ENGLISH: Language Arts 8 / CP</strong></td>
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**Course:** Students will read, comprehend and respond to nonfiction and fiction texts, including poetry and drama. Emphasis will be placed on making inferences and drawing conclusions based upon textual information, as well as citing evidence from a text to support assertions. Students will also be encouraged to consider an author’s purpose in writing and identify and explain themes and literary devices within a text. Connections will be made between texts and personal experiences and/or the surrounding world. Students will complete multiple formal, multi-paragraph essays utilizing the steps of the writing process. Students will listen to the contributions of others, engage in cooperative learning activities and participate in both small and large group discussions. Vocabulary (Latin and Greek roots) development will be strongly emphasized in this course.

**Requirements:** Regular reading, writing, vocabulary, and grammar assignments, tests, quizzes, and class discussions.

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<th>Course Code</th>
<th>Course Description</th>
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<tr>
<td>211</td>
<td><strong>ENGLISH I</strong></td>
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**Prerequisites:** Placement will be based on the result of the entrance exam and junior high grades.

**Course:** Grammar, composition, and vocabulary development will be strongly emphasized in this course. Students will be introduced to literary genres: short story, poetry, novel, drama, and non-fiction. Emphasis will be given to interpreting literature and understanding the difference between form and content. Writing instruction will focus on the construction of organized, unified, and coherent paragraphs in a variety of writing modes. Students will be instructed to write expository, narrative, descriptive and persuasive essays. The depth, scope and pace of this course is rigorous. Supplemental literature is included in this course.
**Requirements:** Regular reading, writing, vocabulary, and grammar assignments, tests, quizzes, and class discussions. Periodic oral presentations and research work and semester exams are also required.

**214 ENGLISH I**  
Grade 9  
Accelerated  
2 semesters

**Prerequisites:** Placement will be based on the result of the entrance exam and junior high grades.

**Course:** Grammar, composition, and vocabulary development will be strongly emphasized in this course. Students will be introduced to literary genres: short story, poetry, novel, drama, and non-fiction. Emphasis will be given to interpreting literature and understanding the difference between form and content. Writing instruction will focus on the construction of organized, unified, and coherent paragraphs in a variety of writing modes. Students will be instructed to write expository, narrative, descriptive and persuasive essays. The course reviews each selected work in depth. Supplemental literature is included in this course.

**Requirements:** Regular reading, writing, vocabulary, and grammar assignments, tests, quizzes, and class discussions. Periodic oral presentations and research work and semester exams are also required.

**213 ENGLISH I**  
Grade 9  
College Preparatory  
2 semesters

**Prerequisites:** Placement will be based on the results of the entrance exam and junior high grades.

**Course:** Grammar, composition, and vocabulary development will be strongly emphasized in this course. Students will be introduced to literary genres: short story, poetry, novel, drama, and non-fiction. Emphasis will be given to interpreting literature and understanding the difference between form and content. Writing instruction will focus on the construction of organized, unified, and coherent paragraphs in a variety of writing modes. Students will be instructed to write expository, narrative, descriptive and persuasive essays. Supplemental literature is included in this course.

**Requirements:** Regular reading, writing, vocabulary, and grammar assignments, tests, quizzes, and class discussions. Periodic oral presentations and research work and semester exams are also required.
**Prerequisites**: Successful completion of English I and departmental approval.

**Course**: A thematic and skill-based approach to literature will be emphasized in this course. Important themes throughout the literary selections will be critically analyzed and interpreted in depth. Comparisons of literary works will be a focus of this course. Vocabulary and grammar will also be emphasized. The research process, documentation of research, and producing a research paper is a part of this course. The depth, scope and pace of this course is rigorous. Supplemental literature is included in this course.

**Requirements**: Regularly assigned reading, creative and interpretive writing, grammar, vocabulary, tests, quizzes, and class discussions. Documentation and completion of a research paper is required. Periodic oral presentations and semester exams are also required.

**Prerequisites**: Successful completion of English I and departmental approval.

**Course**: A thematic and skilled based approach to literature will be emphasized in this course. Important themes throughout the literary selections will be critically analyzed and interpreted in depth. Comparisons of literary works will be a focus of this course. Vocabulary and grammar will also be emphasized. The research process, documentation of research, and producing a research paper are part of this course. The course reviews each selected work in depth. Supplemental literature is included in this course.

**Requirements**: Regularly assigned reading, creative and interpretive writing, grammar, vocabulary, tests, quizzes, and class discussions. Documentation and completion of a research paper is required. Periodic oral presentations and semester exams are also required.

**Prerequisites**: Successful completion of English I and departmental approval.
Course: A thematic approach to literature will be emphasized in this course. Important themes throughout the literary selections will be critically analyzed and interpreted in depth. Comparisons of literary works will be a focus of this course. Vocabulary and grammar will also be emphasized. The research process, documentation of research, and producing a research paper is a part of this course. Supplemental literature is included in this course.

Requirements: Regularly assigned reading, creative and interpretive writing, grammar, vocabulary, tests, quizzes, and class discussions. Documentation and completion of a research paper is required. Semester exams are required.

231 ENGLISH III Grade 11
Honors 2 semesters

Prerequisites: Successful completion of English II and departmental approval.

Course: This course provides students with an overview of American literature by examining the work of American writers from various literary periods and in various genres. A language arts review is incorporated into the course. Vocabulary skills, writing skills, and research skills will be reinforced and opportunities for SAT review will be provided. Skills in writing the literary analysis will also be a focus of this course. The scope and pace of this course is rigorous, with expectations of additional independent readings and writings. Field trips will enhance the course work themes when scheduling permits. Supplemental literature and writing is included in this course.

Requirements: Regular vocabulary, grammar, writing, literary analysis assignments, tests, quizzes, and class discussions. Periodic oral presentations and semester exams are also required.

Students who meet the criteria may take this course for Dual Enrollment college credit.

232 ENGLISH III Grade 11
Accelerated 2 semesters

Prerequisites: Successful completion of English II and departmental approval.

Course: This course provides students with an overview of American literature by examining the work of American writers from various literary periods and in various genres. A language arts review is incorporated into the course. Vocabulary skills, writing skills, and research skills will be reinforced and opportunities for SAT review
will be provided. Skills in writing the literary analysis will also be a focus of this course. This course reviews each selected literary work in depth. Field trips will enhance the course work themes when scheduling permits. Supplemental literature is included in this course.

**Requirements:** Regular vocabulary, grammar, writing, literary analysis assignments, tests, quizzes, and class discussions. Periodic oral presentations and semester exams are also required.

**233 ENGLISH III**
Grade 11
College Preparatory
2 semesters

**Prerequisites:** Successful completion of English II and departmental approval.

**Course:** This course provides students with an overview of American literature by examining the work of American writers from various literary periods and in various genres. A language arts review is incorporated into the course. Vocabulary skills, writing skills, and research skills will be reinforced and opportunities for SAT review will be provided. Skills in writing the literary analysis will also be a focus of this course. Field trips will enhance the course work themes when scheduling permits. Supplemental literature is included in this course.

**Requirements:** Regular vocabulary, grammar, writing, literary analysis assignments, tests, quizzes, and class discussions. Periodic oral presentations and semester exams are also required.

**749 PRESENTATIONAL SPEAKING**
Grade 12
Honors
2 semesters

**Prerequisites:** Excellent attendance record and Assistant Principal and Teacher Approval; An application and brief interview process will take place. Some work may be required before the start of school.

**Course:** The aim for this course is to present the conceptual and practical dimensions of formal presentations in organizational settings. Analysis, adaptation, strategic arrangement, development of ideas, verbal and nonverbal presentational skills are examined.

This course is directed at teaching speaking skills by breaking down all the skills needed to present a proper image. Hence, many other elements of communication will require study and reflection. This course is designed to build a solid understanding of the fundamentals of public presentations and competency in employing the required skills flexibly so that a speaker can adjust selected topics to specific audiences.
**Requirements:** Students will be required to give at least four (4) oral presentations each quarter. All of these presentations will require an outline. The outline procedure will be discussed for each presentation.

**ENGLISH IV**  
Grade 12  
Advanced Placement Literature and Composition  
2 semesters

**Prerequisites:** Admission into this course involves a multi-step application process including the successful completion of English III Honors, the recommendation of the Junior English teacher, the department approval, recommendation of Guidance based on class rank and PSAT performance, and results of a diagnostic test. Eligible students must have good school attendance records as well.

**Course:** Advanced placement English is a course emphasizing the development of skills in critical reading of imaginative and discursive literature and in writing about literature and related ideas. It is for the highly self-motivated student who is willing to devote the energy necessary to complete a more rigorous and demanding course. A thematic exploration of great works of World Literature with emphasis on British Literature, this course is arranged so that the students may synthesize similar human experiences through the genre, style and vision of the writer and therefore read with a critical focus. Poetry, drama, short story and novel are examined through class discussion and through the writing of critical papers. Chaucer, Morrison, Faulkner, Hemingway, Shakespeare, Kafka, Donne and Sophocles are among the writers whose works are closely studied. Theater performances, if available, may enhance the study of one to two selected works. Students who successfully complete this course are prepared to take the AP Literature and Composition exam that may qualify them for up to two courses of college credit at most colleges. Supplemental literature is included in this course.

**Requirements:** Summer reading; Critical essays for each marking period; frequent in-class writing assignments; supplementary reading; one major literary research paper; frequent, substantial participation in class discussions. Students must take the AP exam and are responsible for the AP exam fee. Extra classes outside of the school day may be required.

Students who meet the criteria may take this course for Dual Enrollment college credit.

**ENGLISH IV**  
Grade 12  
Honors  
2 semesters

**Prerequisites:** Successful completion of English III and departmental approval.
Course: The primary literary emphasis of this course is that of examining some great literary works of British Literature which introduces students to Old English, Middle English, and Modern English literature and the evolution of the English language. Students will examine British literature from *Beowulf* to modern British literature. A language arts review is incorporated into the course. Vocabulary development and written literary analysis are also stressed in this course for further improvement of writing skills. *Oedipus, The King* is read and analyzed to re-emphasize the origins of western drama. Opportunities for expository writing, creative writing, and polishing a college essay will be provided. The scope and pace of this course is rigorous. Field trips will enhance the themes of the course work when scheduling permits. Supplemental literature is included in this course.

Requirements: Regular vocabulary, grammar, writing, literary analysis assignments, tests, quizzes, and in-depth class discussions. Periodic oral presentations and semester exams are also required. Students must produce a college entrance essay.

242

**ENGLISH IV**

Grade 12

Accelerated

2 semesters

Prerequisites: Successful completion of English III and departmental approval.

Course: This course introduces students to Old English, Middle English, and Modern English and the evolution of the English language by introducing students to English literature of these periods. Students will examine British literature from *Beowulf* to modern British literature. A language arts review is incorporated into this course. Vocabulary development and written literary analysis are also stressed in this course for further improvement of writing skills. *Oedipus, The King* is read and analyzed to re-emphasize the origins of western drama. Opportunities for expository writing, creative writing, and polishing a college essay will be provided. The scope and pace of this course is rigorous. Field trips will enhance the themes of the course work when scheduling permits. Supplemental literature is included in this course.

Requirements: Regular vocabulary, grammar, writing, literary analysis assignments, tests, quizzes, and in-depth class discussions. Periodic oral presentations and semester exams are also required. Students must produce a college entrance essay.

243

**ENGLISH IV**

Grade 12

College Preparatory

2 semesters

Prerequisites: Successful completion of English III and departmental approval.
**Course:** Students will read and analyze representative works from the major literary periods of England beginning with the Anglo-Saxon myth and culminating with the Modern English novel. Students will be introduced to Old English, Middle English and Modern English literature and language. A language arts review is incorporated into this course. Vocabulary development, composition, and written literary analysis is stressed in this course for further development of writing skills. *Oedipus, the King* is read and analyzed to re-emphasize the origins of western drama. Opportunities for expository writing, creative writing, and producing the college entrance essay will be provided. Field trips will enhance the themes of the course work when scheduling permits. Supplemental literature is included in this course.

**Requirements:** Regular vocabulary, grammar, writing, literary analysis assignments, tests, quizzes, and in-depth class discussions. Periodic oral presentations and semester exams are also required. Students must produce a college entrance essay.

**MATHEMATICS DEPARTMENT**

The Mathematics Department of Archbishop Williams High School is designed to allow students to develop their mathematical skills to the best of their ability. Its goal is to give each student the prerequisites needed to succeed at higher level mathematics. Inherent in all math courses are opportunities for students to develop their ability to think in a logical and systematic manner and to develop their problem solving ability. The curriculum aims to help students learn to analyze real-world applications, solve related problems and to generalize conclusions. There are three levels of instruction allowing the student to be appropriately challenged. Technology is incorporated into instruction at all levels.

The Mathematics Departments frequently evaluates and adjusts its course offerings, course content and textbooks to meet the ongoing needs of our present students.

Each student who graduates from Archbishop Williams High School is required to successfully complete four years of mathematics.

**012 PREALGEBRA**  
Grade 7  
Accelerated  
2 semesters  

**Prerequisites:** This course will move at a faster pace than the college preparatory course with more focus on critical thinking and problem solving. Placements will be based on the results of the entrance exam.

**Course:** This course covers the following mathematical concepts that are foundational for success in algebra including algebraic expressions, integers, equations, decimals, fractions, ratios, proportions, percent, area, volume and probability. Students will work on improving their problem solving strategies and mental math skills.
**Requirements:** Quizzes, tests, exams, and daily homework will be required. In addition, each student is required to comply with individual teacher’s published class expectations.

035  **PREALGEBRA**  
Grade 7  
College Preparatory  
2 semesters

**Prerequisites:** Placements will be based on the results of the entrance exam.

**Course:** This course covers the following mathematical concepts that are foundational for success in algebra including algebraic expressions, integers, equations, decimals, fractions, ratios, proportions, percent, area, volume and probability. Students will work on improving their problem solving strategies and mental math skills.

**Requirements:** Quizzes, tests, exams, and daily homework will be required. In addition, each student is required to comply with individual teacher’s published class expectations.

022  **ALGEBRA I / ACC**  
Grade 8  
Accelerated  
2 semesters

**Prerequisites:** This course will move at a faster pace than the college preparatory course with a more rigorous approach to critical thinking and problem solving. Placement based on the following: successful completion of pre-algebra and departmental approval.

**Course:** This course covers the following topics with more stress on application than theory: algebraic computation, simplifying algebraic expressions, factoring, solving and graphing linear and quadratic equations, working with algebraic fractions, inequalities, graphing and solving systems of linear equations. Critical thinking and problem solving will be emphasized. Students will build upon their problem solving strategies and mental math skills.

**Requirements:** Quizzes, tests, exams, and daily homework will be required. In addition, each student is required to comply with individual teacher’s published class expectations. Students are required to have a TI-84 graphing calculator.

034  **ALGEBRA I / CP**  
Grade 8  
College Preparatory  
2 semesters

**Prerequisites:** Successful completion of pre-algebra.

**Course:** This course covers the following topics with more stress on application than theory: algebraic computation, simplifying algebraic expressions, factoring, solving and graphing linear and quadratic equations, working with algebraic fractions, inequalities, graphing and solving systems of linear equations. Critical thinking and problem solving will be emphasized. Students will build upon their problem solving strategies and mental math skills.
expressions, factoring, solving and graphing linear equations, working with algebraic fractions, inequalities, graphing and solving systems of linear equations. Critical thinking and problem solving will be emphasized. Students will build upon their problem solving strategies and mental math skills.

**Requirements:** Quizzes, tests, exams, and daily homework will be required. In addition, each student is required to comply with individual teacher’s published class expectations. Students are required to have a TI-84 graphing calculator.

**GEOMETRY**

**Grade 9**

**Honors**

**2 semesters**

**Prerequisites:** Departmental approval based on the results of the mathematics placement examination and successful completion of Algebra I in Grade 8. All students in the Honors program must take BOTH Geometry and Alg.I/Alg.II in Grade 9 or Algebra I Honors.

**Course:** The course will include the study of angle relationships, parallel lines, congruent and similar triangles, quadrilaterals, polygons, circles, areas, volumes, constructions and triangle trigonometry. It will develop logical thinking including deductive, inductive, indirect reasoning. Applications to solid geometry and word problems combining algebra and geometry will be included. Coordinate geometry is integrated throughout this course.

**Requirements:** Quizzes, tests, exams, and daily homework will be required. In addition, each student is required to comply with individual teacher’s published class expectations. A TI-84 Plus graphing calculator is required.

**ALGEBRA I, II**

**Grade 9**

**Honors**

**2 semesters**

**Prerequisites:** Departmental approval based on entrance exam, completion of a full year of Algebra 1 in grade 8, junior high grades, and departmental placement exam.

**Course:** This course is designed for high ability math students. The course will review material from Algebra I before progressing to topics in Algebra II. Some of the topics are: solving, graphing and analyzing linear, quadratic, absolute value, piecewise and polynomial functions, transformations, inverses, solving systems of equations and inequalities, radicals and complex numbers. Critical thinking and problem solving will be emphasized.
**Requirements:** Quizzes, tests, exams and daily homework will be required. In addition, each student is required to comply with individual teacher’s published class expectations. A TI-84 Plus graphing calculator is required.

**415 ALGEBRA I**
Honors

2 semesters

**Prerequisites:** Departmental approval based on entrance exam, junior high grades, and departmental placement exam.

**Course:** This course is designed for high ability math students that did not have a full year of Algebra I in the 8th grade. This course will move at a faster pace than the accelerated course and will cover more Algebra I topics, from foundations of Algebra to Quadratic Functions. Critical thinking and problem solving will be emphasized.

**Requirements:** Quizzes, tests, exams, and daily homework will be required. In addition, each student is required to comply with individual teacher’s published class expectations. A TI-84 Plus graphing calculator is required.

**412 ALGEBRA I**
Accelerated

2 semesters

**Prerequisites:** This course is for students who have had Algebra I in 8th grade but were determined by the AWHS math department not to have covered the topics necessary to go on to Geometry. This course will go at a faster pace than the college preparatory Algebra I course. Placement based on the following: the entrance exam, junior high grades, and the results of the placement exam.

**Course:** This course covers the following topics with more stress on application than on theory: algebraic computation, simplifying algebraic expressions, factoring, solving and graphing linear and quadratic equations, working with algebraic fractions, inequalities, graphing and solving systems of linear equations. Problem solving will be included.

**Requirements:** Quizzes, tests, exams and daily homework will be required. In addition, each student is required to comply with individual teacher’s published class expectations. A TI-84 Plus graphing calculator is required.

**413 ALGEBRA I**
College Preparatory

2 semesters

**Prerequisites:** Placement based on the following: the entrance exam, junior high grades, and the results of the placement exam.
Course: This course covers the following topics with more stress on application than on theory: algebraic computation, simplifying algebraic expressions, factoring, solving and graphing linear and quadratic equations, working with algebraic fractions, inequalities, graphing and solving systems of linear equations. Problem solving will be included.

Requirements: Quizzes, tests, exams and daily homework will be required. In addition, each student is required to comply with individual teacher’s published class expectations. A TI-84 Plus graphing calculator is required.

435  ALGEBRA II ADVANCED  Grade 10
     Honors  2 semesters

Prerequisites: Successful completion of Honors Algebra I/Algebra II and Honors Geometry and/or departmental approval.

Course: This is an intense course designed for those sophomores who have demonstrated a solid grasp of the concepts taught in Algebra I/II and Geometry. It will continue with the sequence of topics that complete the Algebra II curriculum. Problem solving will be stressed.

Requirements: Quizzes, tests, exams and daily homework will be required. In addition, each student is required to comply with individual teacher’s published class expectations. A TI-84 Plus graphing calculator is required.

421  ALGEBRA II  Grade 10
     Honors  2 semesters

Prerequisites: Successful completion of Honors Algebra I and Honors Geometry and/or departmental approval.

Course: This is an intense course designed for high ability math students that successfully completed Algebra I Honors. This course will cover such topics as: solving, graphing and analyzing linear, quadratic, absolute value, polynomial, rational, exponential and logarithmic functions, operations with functions, inverses, systems of equations and inequalities and conic sections. Critical thinking and problem solving will be emphasized.

Requirements: Quizzes, tests, exams, and daily homework will be required. In addition, each student is required to comply with individual teacher’s published class expectations. A TI-84 Plus graphing calculator is required.
422 GEOMETRY Accelerated
Grade 10 2 semesters

Prerequisites: Successful completion of Accelerated Algebra I and/or departmental approval.

Course: This course covers the topics in the College Preparatory Geometry course with a more rigorous approach to proving theorems. It also will use more coordinate geometry in any lesson where it applies. The students will be able to collect and organize data to gain new mathematical knowledge through problem solving and proofs.

Requirements: Quizzes, tests, exams and daily homework will be required. In addition, each student is required to comply with individual teacher’s published class expectations. A TI-84 Plus graphing calculator is required.

423 GEOMETRY College Preparatory
Grade 10 2 semesters

Prerequisites: Successful completion of Algebra I.

Course: This course covers topics in plane and solid geometry with coordinate geometry used where appropriate. The course will include the study of parallel and perpendicular lines, congruence, similarity, right triangles, polygons, circles, area and volume with an emphasis on application of the above topics. Inductive and deductive reasoning is casually covered.

Requirements: Quizzes, tests, exams and daily homework will be required. In addition, each student is required to comply with individual teacher’s published class expectations. A TI-84 Plus graphing calculator is required.

431 ANALYSIS ADVANCED Honors
Grade 11 2 semesters

Prerequisites: Successful completion of Honors Geometry and Algebra II Advanced and/or departmental approval.

Course: This course is specifically designed to complete the student’s preparation for calculus. It includes a thorough study of trigonometric and circular functions. Advanced concepts in geometry are integrated with algebraic concepts. Other topics included are algebraic functions, exponential and logarithmic functions, complex numbers, sequences and series, polar coordinates and conics. Calculus concepts are integrated throughout the course. This course has a required summer assignment.
**Requirements:** Quizzes, tests, exams and daily homework will be required. In addition, each student is required to comply with individual teacher’s published class expectations. A TI-84 Plus graphing calculator is required.

**450 PRECALCULUS**
Grade 11
Honors
2 semesters

**Prerequisites:** Successful completion of Honors Algebra II and/or departmental approval.

**Course:** This course is specifically designed to complete the student’s preparation for calculus. It includes a thorough study of trigonometric and circular functions as well as algebraic, exponential, logarithmic functions, complex numbers, are sequences and series. **This course has a required summer assignment.**

**Requirements:** Quizzes, tests, exams, and daily homework will be required. In addition, each student is required to comply with individual teacher’s published class expectations. A TI-84 Plus graphing calculator is required.

**432 ALGEBRA II**
Grade 11
Accelerated
2 semesters

**Prerequisites:** Successful completion of accelerated Geometry course and/or departmental approval.

**Course:** This course is designed for those juniors who have demonstrated a solid grasp of Algebra I and Geometry. It will include the following topics: functions, inverses, factoring, solving various types of equations and inequalities, radicals, linear, quadratic, rational, exponential and logarithmic functions and their graphs and conic sections. Problem solving will be stressed.

**Requirements:** Quizzes, tests, exams and daily homework will be required. In addition, each student is required to comply with individual teacher’s published class expectations. A TI-84 Plus graphing calculator is required.

**433 ALGEBRA II**
Grade 11
College Preparatory
2 semesters

**Prerequisites:** Successful completion of Geometry.

**Course:** This course reviews materials from Algebra I before progressing to topics in Algebra II, some of which are: factoring, solving linear and quadratic equations, exponents, inequalities, rational expressions,
radicals, linear functions and their graphs. Problem solving will be stressed.

**Requirements:** Quizzes, tests, exams and daily homework will be required. In addition, each student is required to comply with individual teacher’s published class expectations. A TI-84 Plus graphing calculator is required.

### ADVANCED PLACEMENT CALCULUS AB

**Grade 12**  
**Advanced Placement**  
**2 semesters**

**Prerequisites:** A grade of “B” or better in Analysis, teacher recommendation and departmental approval.

**Course:** This course includes all of the topics included in the Advanced Placement course description for Calculus AB. This course is an in-depth study of differentiation and integration of rational, algebraic, trigonometric, exponential and logarithmic functions and their applications. Students enrolled in this course must sit for the Advanced Placement AB examination in May and are responsible for the AP exam fee. **This course has a required summer assignment.**

**Requirements:** Quizzes, tests, exams, daily homework will be required. In addition, each student is required to comply with individual teacher’s published class expectations. A TI-84 Plus graphing calculator is required.

### CALCULUS I

**Grade 12**  
**Honors (Non AP)**  
**2 Semesters**

**Prerequisites:** Successful completion of Analysis or Precalculus, teacher recommendation and departmental approval.

**Course:** This course is a Dual Enrollment course. Students enrolled in this course have the option of taking it for college credit from Quincy College. Topics covered follow the Quincy College syllabus for Calculus I. These include limits, derivative formulas for algebraic and trigonometric functions, optimization, curve sketching, indefinite integrals, definite integrals, Fundamental Theorem of Calculus, area between curves, volumes of a solid and applications of these concepts. **This course has a required summer assignment.**

**Requirements:** Quizzes, tests, exams and daily homework will be required. In addition, each student is required to comply with individual teacher’s published class expectations. A TI-84 Plus graphing calculator is required.
Students who meet the criteria may take this course for Dual Enrollment college credit.

**445**

**STATISTICS**  
Grade 12  
Accelerated  
2 Semesters  

**Prerequisites:** Successful completion of Precalculus or Analysis or departmental approval. Students may take this course concurrently with Precalculus with departmental approval.

**Course:** This course is an introduction to probability, descriptive statistics, and inference. It includes a thorough study of the process of data collection, from sampling and experimentation, to finding and describing patterns in data, and to using data to make judgements about populations. Topics studied include graphing methods, probability, descriptive statistics, estimation of parameters, and one and two sample inference.

**Requirements:** Quizzes, tests, exams and daily homework will be required. In addition, each student is required to comply with individual teacher’s published class expectations. A TI-84 Plus graphing calculator is required. **Most important is a willingness to work independently outside of the classroom, gathering and analyzing data.**

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**449**

**PRECALCULUS**  
Grade 12  
Accelerated  
2 semesters  

**Prerequisites:** Successful completion of accelerated Algebra II or departmental approval.

**Course:** This course provides a strong foundation of traditional precalculus concepts along with real world applications and is designed to complete a student’s preparation for college mathematics. It includes a thorough study of functions emphasizing piece wise, rational, exponential, logarithmic, trigonometric and circular functions.

**Requirements:** Quizzes, tests, exams, and daily homework will be required. In addition, each student is required to comply with individual teacher’s published class expectations. A TI-84 Plus graphing calculator is required.

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**453**

**TRIGONOMETRY AND FUNCTIONS**  
Grade 12  
College Preparatory  
2 semesters  

**Prerequisites:** Successful completion of Algebra I, Geometry, and Algebra II and departmental approval.
**Course:** This course is a continuation of the Algebra II curriculum. The course will include exponential, logarithmic, trigonometric, and circular functions and their applications; also, this course will review topics found on college placement exams.

**Requirements:** Quizzes, tests, exams, and daily homework will be required. In addition, each student is required to comply with individual teacher’s published class expectations. A TI-84 Plus graphing calculator is required.

**SOCIAL STUDIES DEPARTMENT**

**GOALS:**
The primary goals of the Social Studies Department, as part of a Christian, college-preparatory program, are to help our students develop an awareness and concern for all people, and to become responsible citizens in a democratic society.

**OBJECTIVES:**
- to examine historical and sociological events in light of moral values;
- to help students develop the skills necessary to think, read, write, and analyze effectively;
- to encourage students to develop the ability to think critically;
- to prepare students to meet the social, economic, and technological challenges which face them in today’s world and in the future.

**REQUIREMENTS:** Successful completion of World History and U. S. History is necessary for graduation.

**011 WORLD GEOGRAPHY**

**Course:** Students study the world outside of the United States and North America. Students systematically learn geography around the world continent by continent, similar to the way in which atlases are organized. They also learn about each continent in an order that reflects, first, the early development of the river valley civilizations and then the later development of maritime civilizations in the Mediterranean area and in Northern and Western Europe. In so doing, students are better prepared for the study of early civilizations around the Mediterranean area.

**Requirements:** Tests, quizzes, daily homework, oral presentations, class participation, some outside reading and written reports.

**313 WORLD HISTORY 1**

**Course:** This course is a study of the development of great civilizations
of the world from Prehistory to the spread of civilization in East and Southeast Asia. The course will examine the cultural and religious thought of these people and their relationship to literature, science, mathematics, music and art. Special emphasis will be placed on in-depth research, analysis and presentation of historical events.

**Requirements:** Test, quizzes, homework, oral presentations, class participation, outside reading and written reports.

### 320 WORLD HISTORY II

**Course:** This course continues the study of World History from the Renaissance to the present time. Students should develop a deep awareness and appreciation of other cultures, as well as an understanding of the structure and workings of our modern world. This is achieved through the use of in-depth research, and analysis of historical events, leading to student development of critical thinking skills.

**Requirements:** Tests, quizzes, homework, oral presentations, class participation, research and written reports will form the basis for assessment. Supplemental reading may be required, as well. This course moves rapidly and aims at developing the higher level thinking skills necessary for future AP level courses.

### 319 WORLD HISTORY II

**Course:** This course continues the study of World History from the Renaissance to the present time. Students should develop a deep awareness and appreciation of other cultures, as well as an understanding of the structure and workings of our modern world. This is achieved through the use of in-depth research, and analysis of historical events, leading to student development of critical thinking skills.

**Requirements:** Tests, quizzes, homework, oral presentations, class participation, research and written reports will form the basis for assessment. Supplemental reading may be required, as well.

### 334 UNITED STATES HISTORY I

**Prerequisites:** Successful completion of World History II course.

**Course:** This course will focus on historical trends in the study of events beginning with the Colonial Era and ending with the Reconstruction Period in order to enhance understanding of our country’s laws and institutions. Students should develop a deep awareness and appreciation
of American culture. This is achieved through the use of in-depth research and analysis of historical events, leading to student development of critical thinking skills.

**Requirements:** Tests, quizzes, homework, oral presentations, class participation, research and written reports will form the basis for assessment. Supplemental reading may be required as well. This course moves rapidly and aims at developing the higher level thinking skills necessary for future AP level courses.

335  **UNITED STATES HISTORY I**  Grade 10
Accelerated  2 semesters

**Prerequisites:** Successful completion of World History II course.

**Course:** This course will focus on historical trends in the study of events beginning with the Colonial Era and ending with the Reconstruction Period in order to enhance understanding of our country’s laws and institutions. Students should develop a deep awareness and appreciation of American culture. This is achieved through the use of in-depth research and analysis of historical events, leading to student development of critical thinking skills.

**Requirements:** Tests, quizzes, homework, oral presentations, class participation, research and written reports will form the basis for assessment. Supplemental reading may be required as well. This course aims at developing higher level thinking skills.

330  **UNITED STATES HISTORY**  Grade 11
Advanced Placement  2 semesters

**Prerequisites:** Successful completion of World History I and II Honors level courses, strong grade point average and departmental approval.

**Course:** This course will focus on in-depth research, analysis and presentation of historical events as they occurred in the development of the United States, in order to give all students a better understanding of our country’s laws and institutions, and to help them see the relationship of these events to our present body of thought and to the American course of action in today’s world.

**Requirements:** Tests, quizzes, daily homework, class participation, outside reading. Students must take the AP exam and are responsible for the AP exam fee.
UNITED STATES HISTORY  
Honors  
Grade 11  
2 semesters

**Prerequisites:** Successful completion of World History I and II courses. Demonstrated ability to do Honors level work.

**Course:** This course will focus on in-depth research, analysis and presentation of historical events as they occurred in the development of the United States, in order to give all students a better understanding of our country’s laws and institutions, and to help them see the relationship of these events to our present body of thought and to the American course of action in today’s world.

**Requirements:** Tests, quizzes, daily homework, class participation, outside reading, research papers and written reports developing critical thinking skills.

UNITED STATES HISTORY  
Accelerated  
Grade 11  
2 semesters

**Prerequisites:** Successful completion of World History I and II courses.

**Course:** This course will focus on historical trends in the study of events as they occurred in the development of the United States, in order to enhance understanding of our country’s laws and institutions, and to help students see the relationship of these events to our present body of thought and to the American course of action in today’s world.

**Requirements:** Tests, quizzes, daily homework, class participation, outside reading, research papers and written reports developing critical thinking skills.

MODERN EUROPEAN HISTORY  
Advanced Placement  
Grade 12  
2 semesters

**Prerequisites:** Successful completion of World History I and II, and United States History. Departmental approval based on Social Studies grades, reading and writing skills, class rank and teacher recommendations. Eligible students must have a good attendance record.

**Course:** This course focuses upon understandings equivalent to those gained in a college-level introductory course, with emphasis on the general narrative of European History from 1450 to the present. This study includes an examination of the political, diplomatic, intellectual, cultural, social and economic history of Europe. In order to study major events, the students will analyze primary sources, including documentary
material, maps, statistical tables, pictorial and graphic evidence.

**Requirements:** Tests, quizzes, daily homework (reading of a college-level text), outside reading of several paperbacks, oral presentations, and the AP exam as well as payment of AP exam fee.

**Students who meet the criteria may take this course for Dual Enrollment college credit.**

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**329 LAW AND JUSTICE**

**Grade 12**

**Honors**

**2 semesters**

**Prerequisites:** Successful completion of the World History I and II, United States History, as well as departmental approval. Students must have a GPA of 3.0 or above to enroll. Excellent writing skills, work ethic, and a good record of attendance are required.

**Course:** This course will provide students with an in depth view of the United States legal system, emphasizing the history and development of American criminal justice, ethical and moral philosophies of justice, philosophies of criminology, the American court system, Federalism, criminal law, legal procedures, with additional focus on policing and corrections, juvenile justice, the prison industrial complex, the impact of terrorism in American criminal justice, and the role of the FBI and CIA today. Students will seek to understand the rights and responsibilities of citizens in the United States and the importance of judicial procedure. From the study of the Constitution, this course will explore the principles and foundations of our legal system, including our civil rights and liberties. Through mock trials, the students will participate in the process of courtroom procedure. During the final quarter of the year, students will also explore approved topics in criminal law (past and/or present) in order to write and deliver a final Senior Research Paper and Presentation in May.

**Requirements:** Textbook readings, quizzes, tests, class participation, outside reading assignments, oral discussions and presentations, written papers, participation in mock trials and class debates, and completion of Senior Research Paper and Presentation.

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**326 LAW AND JUSTICE**

**Grade 12**

**Accelerated**

**2 semesters**

**Prerequisites:** Successful completion of courses in World History I and II, United States History, as well as departmental approval.

**Course:** This course will provide students with an in depth view of the United States legal system, emphasizing the history and development of American criminal justice, the American court system, Federalism,
criminal law, legal procedures, as well as units on the impact of terrorism in American criminal justice, the role of the FBI and CIA, and topics in tort law. Students will seek to understand the rights and responsibilities of citizens in the United States and the importance of judicial procedure. From the study of the Constitution, this course will explore the principles and foundations of our legal system, including our civil rights and liberties. Through mock trials, the students will participate in the process of courtroom procedure. During the final quarter of the year, students will also explore approved topics in criminal or tort law (past and/or present) in order to write and deliver a final Senior Research Paper and Presentation in May.

Requirements: Textbook readings, quizzes, tests, class participation, outside reading assignments, oral discussions and presentations, written papers, participation in mock trials and class debates, and completion of Senior Research Paper and Presentation.

342

UNITED STATES SINCE 1945

Accelerated

Prerequisites: Successful completion of course in World History I, and II, United States History as well as departmental approval.

Course: This course will provide students with a comprehensive view of basic events and dominant political, economic, diplomatic, social, and cultural trends in the United States since World War II. The entire postwar period, including the development of the Cold War, the UFO phenomenon of the 1950s, and the expansion of television will be studied. Special emphasis will be placed on the turbulent 1960s and 1970s to help students understand the developments leading up to their own times. Updated material on relevant current events will be included to show community and change as it effects our view of the future.

Requirements: Textbook, readings, quizzes, tests, class participation and discussion, analysis of current events, research papers and outside readings.

344

AP PSYCHOLOGY

Advanced Placement

Prerequisites: Successful completion of courses in World History I, II, and United States History. In order to take this course, students must be approved by the instructor.

Course: The AP Psychology course is designed to provide students with a strong foundation in the scientific study of the behavior and mental processes of human beings and to prepare students for the College Board’s AP Psychology Exam given in May. Students will be exposed
to principles, studies and phenomena associated with various aspects of Psychology. Major content areas within the field of Psychology include Research Methods, Biological Bases of Behavior, Sensation and Perception, States of Consciousness, Learning, Cognition, Motivation and Emotion, Development, Personality, Abnormal Psychology, the Treatment of Psychological Disorders, and Social Psychology. Students will also be exposed to recent advancements and debates of current interest with the field of Psychology.

**Requirements:** Textbook, readings, quizzes, tests, class participation and discussion, analysis of current issues in Psychology, research papers and outside readings. Summer work will be assigned and must be completed prior to the start of this course. Students will be required to take the AP exam in May.

**PSYCHOLOGY**

Grade 12
Accelerated
2 semesters

**Prerequisites:** Successful completion of World History I, World History II, United States History as well as departmental approval.

**Course:** This course will provide students with a foundation in Psychology. Students will explore the stages of human development from infancy to adulthood and old age. They will investigate altered states of consciousness and learn what the brain does while they sleep. Some of the other topics to be covered are theories of personality, psychological disorders, therapy, individual interaction, group interaction plus memory and thought.

**Requirements:** Tests, quizzes, homework, oral presentations, class participation, outside reading assignments and writing assignments.

**PERSONAL FINANCE**

Grades 12
Accelerated
2 semesters

**Prerequisites:** This course is open to seniors with a solid attendance record and a G.P.A. minimum of 3.0. Students should have a desire to learn the basics of personal finance and investing. Successful completion of Algebra I is also required.

**Course:** This class is for Seniors that desire to become comfortable and confident with their present and future finances. The class objective is to help students plan and manage their personal finances. The first semester will give students the necessary tools to make wise and informed decisions regarding: students loans, credit cards, purchasing
and insuring an automobile, relationships with banks, real estate purchases and preventing identity theft.

The second semester will focus on “the world of investing”. The class will help students navigate through areas such as: stocks, bonds, mutual funds, EFT’s, commodities and how they relate to the broader market. Investor allocation decisions and the operation of NASDAQ and the NYSE markets will also be reviewed.

Requirements: Students must be willing to work independently, collaborate in groups and be comfortable giving presentations. Also, to appreciate financial publications and the electronic media, which provide us a wealth of information as investors. No prior knowledge of finances is necessary, just a desire to learn.

328 MACRO/MICRO ECONOMICS Grades 12 Honors 2 semesters

Prerequisites: Teacher approval based on solid academic performance, attendance, and discipline record. Students should have prior success in their math related courses, and a desire to study business.

Course: Semester 1 Macroeconomics: This course is designed to provide students with a framework that can be used to analyze macroeconomic issues such as growth, productivity, labor markets, wages, business cycles, inflation, money, interest rates, monetary policy, fiscal policy, and financial crisis. The course will combine economic theory, and real-world applications. We will apply these frameworks to the recent experiences of the US and other countries. The goal of this course is to provide students with a very basic understanding of topics generally covered in macroeconomics in hopes that if taken in college topics and concepts will not appear foreign. Semester 2 Microeconomics: This course is designed to provide an introduction to economic theory. Topics discussed will include the basic ideas of tradeoffs, opportunity costs, and the benefits of trade. We will discuss how the market forces or supply and demand cause prices to be what they are. We will see the way governments can make our economy less or more efficient. Students will be expected to have an understanding of the supply and demand curve and its parallel to the GDP (gross domestic product). The goal of this course is to provide students with a very basic understanding of topics covered in microeconomics in hopes that if taken in college topics and concepts will not appear foreign.

Requirements: Test, quizzes, oral presentations, outside reading assignments, research and written reports.
SCIENCE DEPARTMENT

GOALS:
At Archbishop Williams High School, the Science Department is divided into three major disciplines: Biology, Chemistry and Physics. The purpose is to provide each student with quality inquiry based courses in science. Each course will introduce the student to a wide selection of topics that will help the student understand the world of science. This will be accomplished by laboratory activities, student-oriented labs and by independent research.

OBJECTIVES:
• to provide all students with an understanding of the basic concepts of the natural and physical sciences;
• to enable the student to comprehend and apply inquiry methods and technology to solve problems;
• to allow the student to apply theoretical concepts in a practical situation through hands-on laboratory experience;
• to prepare the student for college-level science courses;
• to develop the critical thinking skills involved in scientific concepts and problem solving.

REQUIREMENTS: Successful completion of Biology I and Chemistry is required for graduation. Also, students are expected to complete a three-year science sequence unless they are completing a three-year Art sequence.

015 PHYSICAL SCIENCE Grade 7
2 semesters

Course: Students explore Physical Science by participating in a variety of learning activities that require them to explore and utilize the habits of mind and the nature of science. The units of study include: the characteristics of science; nature of matter; forms and transformations of energy; force, mass and motion of objects; sound; electromagnetic radiation; gravity, electricity and magnetism as forces. Students will utilize advanced research methods and independent study skills and creative thinking and creative problem-solving skills in order to be generators of ideas and products which are original to the learners. Inquiry skills at this level include organization and mathematical analysis of data, manipulation of variables in experiments and identification of sources of experimental error. There will be considerable emphasis on laboratory work and the science fair.

Requirements: Nightly homework, independent reading, lab work, reports, tests, quizzes, oral presentations and class participation.
Course: The Life Science course will emphasize a more complex understanding of change, cycles, patterns and relationships in the living world. Students build on basic principles related to these concepts by exploring the cellular organization and processes, and the classification of organisms; the dynamic relationships among organisms, populations, communities and ecosystems; and change as a result of the transmission of genetic information from generation to generation. This scientific view defines the idea that explanations of nature are developed and tested using observation, experimentation, models, evidence and systematic processes based on logical thinking. Inquiry skills at this level include organization and mathematical analysis of data, manipulation of variables in experiments and identification of sources of experimental error. There will be considerable emphasis on laboratory work and the science fair.

Requirements: Nightly homework, independent reading, lab work, reports, tests, quizzes, oral presentations and class participation.

BIOLOGY I

Prerequisites: Students will be leveled according to the entrance exam and junior high school Science and Math courses.

Course: The purpose of this course is to help the student become aware of his/her place in the universe by an in-depth study of evolution, biochemistry, cell biology, genetics, reproduction, anatomy and physiology, and ecology, and to demonstrate application of biological principles.

Requirements: Nightly homework, independent reading, dissections, lab work, reports, one minor project per term, and one major project per year. Failure to maintain an 85 average in an Honors class may result in removal from the Honors program.

BIOLOGY I

Prerequisites: Students will be leveled according to the entrance exam and junior high school Science and Math courses.

Course: The purpose of this course is to help the student become aware of his/her place in the universe by analyzing the theories and concepts of evolution, cell biology, genetics, reproduction, anatomy and physiology, and ecology. This course moves at an accelerated pace through content areas.
**Requirements:** Nightly homework, independent reading, lab work, project work. Failure to maintain an 80 in an accelerated class may result in removal from the program at the discretion of the science teacher.

**513 BIOLOGY I**  
Grade 9  
College Preparatory  
2 semesters  

**Prerequisites:** Students will be leveled according to the entrance exam.

**Course:** The purpose of this course is to help the student become aware of his/her place in the universe by the study of evolution, cell biology, genetics, reproduction, anatomy and physiology, and ecology.

**Requirements:** Nightly homework, independent reading, lab work, and reports.

**521 CHEMISTRY I**  
Grade 10  
Honors  
2 semesters  

**Prerequisites:** Recommendation of Biology teacher based on ability, performance, and work ethic. Students should be taking Honors Algebra II is strongly recommended.

**Course:** This course is designed to present a modern view of Chemistry suitable for students with a good background in mathematics. The principles of Chemistry basic to our understanding of the environment are emphasized. These topics include the physical properties of matter, forms of energy, atomic structure, chemical bonding, the periodic table, stoichiometry, kinetics and equilibrium, acids and bases, oxidation and reduction reaction, gas laws, solutions and solubility, nuclear chemistry, and an introduction to organic chemistry.

**Requirements:** A minimum of one half hour of homework/study per night, quizzes, exams, laboratory reports, and writing assignments. A TI84 Plus graphing calculator is required. Failure to maintain an 85 average in an Honors class may result in removal from the Honors program.

**522 CHEMISTRY I**  
Grade 10  
Accelerated  
2 semesters  

**Prerequisites:** Recommendation of Biology teacher and taking Accelerated Geometry is strongly recommended.

**Course:** This course is designed to present a modern view of Chemistry suitable for students with an average background in mathematics. The principles of Chemistry basic to our understanding of the environment are emphasized. These topics include: laboratory science, data analysis,
the physical properties of matter, energy, atomic structure, chemical bonding, the periodic table, stoichiometry, acids and bases, gas laws, solutions and solubility, and nuclear chemistry.

**Requirements:** One half hour of homework/study per night, quizzes, exams, laboratory reports, outside reading, research, and written reports.

523 **CHEMISTRY I**
Grade 10
College Preparatory
2 semesters

**Prerequisites:** Concurrently taking College Preparatory Geometry.

**Course:** This course is designed to present a modern view of Chemistry suitable for students who have not yet mastered all the necessary mathematical skills required in the honors and accelerated courses. The principles of Chemistry basic to our understanding of the environment are emphasized. These topics include laboratory science, data analysis, physical properties of matter, energy, atomic structure, chemical bonding, the periodic table, acids and bases, solution and solubility, and an introduction to stoichiometry and nuclear chemistry.

**Requirements:** One half hour of homework/study per night, quizzes, exams, laboratory reports, outside reading, research, and written reports.

531 **PHYSICS I**
Grade 11 & 12
Honors
2 semesters

**Prerequisites:** Recommendation of Chemistry teacher based on ability, performance, and work ethic. Students are strongly encouraged to take, or have completed Honors level Analysis or PreCalculus.

**Course:** A rigorous course in classical and modern Physics. A strong background in Mathematics is essential. The topics include: kinetics, dynamics, thermodynamics, magnetism, linear and rotational motion, energy and electricity.

**Requirements:** A minimum of one half hour of homework/study per night; quizzes, exams, laboratory reports, writing assignments. Failure to maintain an 80 average in an Honors class may result in removal from the Honors program.

532 **PHYSICS I**
Grade 11 & 12
Accelerated
2 semesters

**Prerequisites:** Recommendation of Chemistry teacher. Students are encouraged to take, or have completed Algebra II Accelerated or above.
**Course:** A fast moving course in classical and modern Physics. A good background in mathematics is essential. The topics include: kinetics, dynamics, linear and rotational motion, energy, electricity and magnetism.

**Requirements:** One half hour of homework/study per night; quizzes, exams, laboratory reports and writing assignments.

**PHYSICS I**  
Grade 11 & 12  
College Preparatory  
2 semesters  

**Prerequisites:** Recommendation of chemistry teacher and concurrently taking College Preparatory Algebra II or Algebra II/Trig.

**Course:** This course is a qualitative introduction to the topics of classical and modern physics for the student who has not yet mastered all of the necessary mathematical skills required in the honors and accelerated courses. Concepts are stressed much more than math problems. The topics will include: kinematics, dynamics, linear and rotational motion, energy, wave theory, electricity, and relativity.

**Requirements:** One half hour of homework/study per night, quizzes, exams, and laboratory reports.

**AP BIOLOGY**  
Grade 11 & 12  
Advanced Placement  
2 semesters  

**Prerequisites:** Successful completion of Biology I, Chemistry I, and Physics 1 (seniors). Recommendation of previous science teachers verifying good attendance, high motivation, and demonstrated ability to do challenging work. Priority will be given to seniors meeting the requirements for placement in this class. Juniors who have maintained an A average in Honors Biology and Honors Chemistry may request to be put on a waiting list for this course. **Please note: Juniors wishing to enroll in two AP courses must have prior approval of the Department Chairs and Administration.**

**Course:** This course is equivalent to first year college Biology. It is primarily for students seriously considering a college major or a career related to the Biological sciences. Emphasis is placed on an understanding of the various subdivisions of Biology and the basic unity of life. All the basic subdivisions are covered (e.g. Cytology, Genetics, Biochemistry, Ecology, Anatomy, etc.)

**Requirements:** Tests: 4-5 per marking period, an independent research project, a lengthy assignment for each topic (test questions, work pages, etc.), and summer work assignment. Study periods will be required for supplementary work. Students must sit for the AP Biology test in May.
Students who meet the criteria may take this course for Dual Enrollment college credit.

542  **ANATOMY AND PHYSIOLOGY**  Grade 12
Accelerated  2 semesters

**Prerequisites:** A grade of 80 or better in Biology I and Chemistry I and departmental approval. Students must have successfully completed Physics I or be taking Physics concurrently with this course.

**Course:** This course is an in-depth study of the concepts previously covered in the Biology I course with an emphasis placed on the functions of the human body. The purpose of the course is to integrate the role of the human body with the principles and concepts of Biology that were introduced in Biology I. Some topics covered will include organ systems, structure and functions of the human body, and lab dissections. Current issues will include assigned readings from the text, class discussion, reserved readings, and laboratory work.

**Requirements:** Extensive textbook reading, written study guide material and frequent lab work, dissections, and research projects.

524  **AP CHEMISTRY**  Grade 12
Advanced Placement  2 semesters

**Prerequisites:** AP Chemistry requirements include completion of a rigorous first year chemistry course, physics, demonstrated academic excellence at the Honors Level, and appropriate mathematical courses including algebra, trigonometry and an introduction to calculus. Must have department head approval.

**Course:** AP Chemistry is designed to be the equivalent of a general chemistry course taken during the first college year. This enables students to undertake second year work in college chemistry sequence, to elect courses which require chemistry as a prerequisite, or to fulfill laboratory requirements in order to free time for other courses.

**Requirements:** Co-operative learning projects, take home tests/writing assignments including summer work, exams, essays, and must take AP Chemistry Exam.

529  **PHYSICS I AP**  Grade 12  2 semesters

**Prerequisites:** Recommendation of Chemistry teacher based on ability, performance and work ethic. Students are strongly encouraged to have
completed Honors level math courses and had a minimum of a B-.

**Course:** This course will cover kinematics, statics, dynamics, rotational dynamics, sound, waves, oscillations, heat, electrostatics and D.C. circuits. Students should be self motivated and be prepared to take an AP exam in May.

**Requirements:** A minimum of 45 minutes of homework nightly, quizzes, tests, occasional formal lab reports, writing assignments. Failure to maintain a minimum of a C may result in removal from the AP course.

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**530 PHYSICS II AP**

Grade 12

2 semesters

**Prerequisites:** Students must have completed Physics Honors (B minimum) or Physics I AP (B- minimum). Students must have a strong math background and are recommended to also take either precalculus or calculus.

**Course:** This course finishes the physics textbook and is intended for those students who will be majoring in engineering or a physical science in college. Topics that will be covered will be fluid mechanics, thermodynamics, electricity, magnetism, electromagnetism, electromagnetic induction, atom physics, quantum effects, nuclear physics, physical and geometric optics. The basic ideas of calculus will be introduced throughout the course.

**Requirements:** There will be summer work involved for those students taking this course which will be an AP packet and review last year’s notes. Students will be required to take the AP exam in May.

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**544 AP ENVIRONMENTAL SCIENCE**

Grade 12

2 semesters

**Prerequisites:** Candidates must be approved by Science Department Chair. Recommendation of previous science teachers verifying good attendance, high motivation, and demonstrated ability to do challenging work. Completion of Biology I, Chemistry I and Physics I (or taking concurrently).

**Course:** The goal of AP Environmental Science is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. The course is designed to be the equivalent of a one- semester introductory college course in environmental science. The course is intended to enable
students to undertake, as first year college students, a more advanced study of topics in environmental science, or to fulfill a basic laboratory requirement for science.

Requirements: Summer work. Science fair project or research project required may need study time and/or extra classes outside of the school day. Students in this course are required to sit for the AP exam in May and are responsible for the AP exam fee.

540 ENVIRONMENTAL SCIENCE Grade 12
Honors 2 semesters

Prerequisites: Completion of Biology I, Chemistry I and Physics I (or taking concurrently). A GPA of 3.0 or above, excellent attendance record, and department approval required.

Course: This course follows the Quincy College curriculum for the college course Introduction to Environmental Studies using the college textbook. The first semester in non laboratory based course in which students will gain environmental literacy by learning about the science behind issues such as the effect of pesticides, hazardous substances, acid rain, ozone depletion and global warming on environmental health and safety. Students will examine solutions for improving and/or eliminating such hazards. The second semester will be a project centered approach to environmental studies including a required senior project.

Requirements: Assignments in this class will require students to read and write critically and analytically. Projects may require activities outside of the school day.

Students who meet the criteria may take this course for Dual Enrollment college credit.

546 ENVIRONMENTAL SCIENCE Grade 12
Accelerated 2 semesters
545 College Preparatory

Prerequisites: Completion of Biology I, Chemistry I, and Physics I (or taking concurrently). Department approval.

Course: Environmental science is designed to provide students with the principle, concepts, and methodologies required to understand the interrelationships of the natural world and to identify and analyze environmental problems both natural and man made. This course will also give students the tools needed to evaluate the risks associated with environmental problems and to examine alternative solutions for resolving and preventing them. This course may enable students to undertake the more advanced topics in environmental science at the college level.
**Requirements**: Projects and labs may require activities outside of the school day.

**550 FORENSIC SCIENCE**
Grade 12
Honors
2 semesters

**Prerequisites**: Department approval. *This course is open to all levels of students with a minimum GPA of 3.0 and a good attendance record.*

**Course**: Forensic Science is focused upon the application of scientific methods and techniques to crime and law. Recent advances in scientific methods and principles have had an enormous impact upon law enforcement and the entire criminal justice system. This course is intended to provide an introduction to understanding the science behind crime detection. Scientific methods specifically relevant to crime detection and analysis will be presented with emphasis placed upon the techniques used in evaluating physical evidence. Topics included are: blood analysis, organic and inorganic evidence analysis, microscopic investigations, hair analysis, DNA, drug chemistry and toxicology, fiber comparisons, paints, glass compositions and fragmentation, fingerprints, soil comparisons, and document analysis, among others. Students will work in teams in all laboratory investigations.

**Requirements**: College level of homework, exams, laboratory reports, writing assignments and good attendance.

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**FOREIGN LANGUAGE DEPARTMENT**

**GOALS**: To effect proficiency in a foreign language, the Foreign Language Department has based its program on active communication, respect for foreign cultures and linguistic awareness.

**OBJECTIVES**: The following objectives are achieved through various testing methods, both written and oral:
- to provide an opportunity for each student to attain a level of modern foreign language proficiency consistent with his/her ability;
- to develop a basic competency in our students over a minimum two-year program;
- to acquire proficiency in the four areas of language learning which are listening, speaking, reading and writing; these skills are further developed in our third, fourth and fifth year programs.

These objectives are achieved through the use of technology and class discussions:
- to promote a Christian understanding and acceptance of foreign cultures, values,
and lifestyles;
• to increase student awareness of the long-range application of foreign languages in the rapidly expanding world marketplace;
• to provide exposure to cultural differences through field trips, foreign travel, and various classroom media;
• to incorporate into our academic curriculum, the practical applications for the student’s developing language skills, especially in the area of career awareness.

**REQUIREMENTS:** Successful completion of TWO years of the same modern foreign language (French or Spanish); however, the Foreign Language Department strongly recommends THREE years or more of the foreign language for those students considering selective colleges or universities. Entering freshmen who have completed a first year of a modern foreign language in Grade 8 will be placed in the second year of the modern foreign language, providing they have mastered the first year measured by achievement on a placement test.

016 **SPANISH IA**

*Grade 7*

2 semesters

**Course:** This course teaches students to be effective communicators whether listening, speaking, reading or writing. Students will gain knowledge and understanding of the cultures of the Hispanic World through art, music, presentations and projects. Technology will be utilized throughout.

**Requirements:** Quizzes and exams are given during and after each lesson and unit. Nightly homework, oral practice and participation in class activities are required.

613 **FRENCH I**

*Grade 8*

2 semesters

**Course:** This course progressively develops the student’s ability in the four basic language skills of listening, speaking, reading and writing. Besides the vocabulary and grammar, students will also be introduced to French culture and history. Technology is utilized throughout the course.

**Requirements:** Quizzes and exams are given during and after each lesson and unit. Nightly homework, oral practice and participation in class activities are required.

026 **SPANISH I B**

*Grade 8*

2 semesters

**Course:** This course progressively develops the student’s ability in the four basic language skills of listening, speaking, reading and writing. Besides the vocabulary and grammar, students will also be introduced to
Spanish/Hispanic culture and history. Technology is utilized throughout the course.

**Requirements:** Quizzes and exams are given during and after each lesson and unit. Nightly homework, oral practice and participation in class activities are required.

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**FRENCH I**

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<th>Grade 9</th>
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<td>Honors</td>
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<td>Accelerated</td>
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**Prerequisites:** Placement for freshmen will be based on the entrance examination and middle school grades.

**Course:** This course progressively develops the student’s ability in the four basic skills of listening, speaking, reading and writing. Besides vocabulary and grammar, students will also be introduced to French culture and history. Technology is utilized throughout the course.

**Requirements:** Quizzes and exams are given during and after each lesson and unit. Students are required to spend at least thirty minutes per evening on homework even on nights when there is no class. Oral practice and study of daily lessons are crucial to developing proficiency.

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**FRENCH I**

<table>
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<th>Grade 9</th>
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<td>College Preparatory</td>
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**Prerequisites:** Placement for freshmen will be based on the entrance exam and middle school grades.

**Course:** This course progressively develops the student’s ability in the four basic skills of listening, speaking, reading and writing. Besides vocabulary and grammar, students will also be introduced to French culture and history. Technology is utilized throughout the course.

**Requirements:** Quizzes and exams are given during and after each lesson and unit. Students are required to spend at least thirty minutes per evening on homework even on nights when there is no class. Oral practice and study of daily lessons are crucial to developing proficiency.

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**FRENCH II**

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<th>Grades 9 &amp; 10</th>
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<td>Honors</td>
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**Prerequisites:** Successful completion of French I at the honors level with a final average of 85 or above and teacher approval. For freshmen: successful completion of a placement exam.
Course: This course continues the development of the listening, speaking, reading, and writing skills begun in French I. It also builds on the vocabulary and grammar presented in French I. There is also a continuation of the study of French cultures. Technology is utilized throughout the course.

Requirements: Quizzes and exams are given during and after each lesson and unit. Students are required to spend at least thirty minutes per evening on homework even on nights when there is no class. Oral practice and study of daily lessons are crucial to developing proficiency.

622 FRENCH II Grades 9 & 10
Accelerated 2 semesters

Prerequisites: Successful completion of a French I with a final average of 80 or above and teacher approval. For freshmen: successful completion of a placement exam.

Course: This course continues the development of the listening, speaking, reading, and writing skills begun in French I. It also builds on the vocabulary and grammar presented in French I. There is also a continuation of the study of French cultures. Technology is utilized throughout the course.

Requirements: Quizzes and exams are given during and after each lesson and unit. Students are required to spend at least thirty minutes per evening on homework even on nights when there is no class. Oral practice and study of daily lessons are crucial to developing proficiency.

623 FRENCH II Grades 9 & 10
College Preparatory 2 semesters

Prerequisites: Successful completion of French I. For freshmen: successful completion of a placement exam.

Course: This course continues the development of the listening, speaking, reading, and writing skills begun in French I. It also builds on the vocabulary and grammar presented in French I. There is also a continuation of the study of French cultures. Technology is utilized throughout the course.

Requirements: Quizzes and exams are given during and after each lesson and unit. Students are required to spend at least thirty minutes per evening on homework even on nights when there is no class. Oral practice and study of daily lessons are crucial to developing proficiency.
**FRENCH III**  
**Grades 10 & 11**  
**631**  
Honors  
**632**  
Accelerated

**Prerequisites:** Successful completion of French II at the honors level with an 85 average or above and teacher approval. This course is for students who have exhibited outstanding ability and interest in French.

**Course:** This course refines previously learned grammatical structures, introduces more complicated concepts, focuses on the speaking skill, and continues the study of French Culture. This intensive course, conducted completely in French, follows the Syracuse University beginning French curriculum with a focus on preparing students for intermediate college French. Speaking, both conversationally and formally, and reading and writing in French are emphasized. The curriculum provides the students the opportunity to appreciate how French speakers live and act in the societies in which they live.

**Requirements:** This course will be conducted in French. Quizzes and tests are given periodically as well as presentations and projects. Homework is assigned nightly and graded periodically, and participation is a major class component.

**Students who meet the criteria may take this course for Dual Enrollment college credit.**

**FRENCH III**  
**Grade 10 & 11**  
**633**  
College Preparatory  
**2 semesters**

**Prerequisites:** Successful completion of French II. This course is open to all students to continue their foreign language study.

**Course:** This course refines previously learned grammatical structures, introduces more complicated concepts, focuses on the speaking skill, and continues the study of French culture. This intensive course, conducted completely in French, follows the Syracuse University beginning French curriculum with a focus on preparing students for intermediate college French. Speaking, both conversationally and formally, and reading and writing in French are emphasized. The curriculum provides the students the opportunity to appreciate how French speakers live and act in the societies in which they live.

**Requirements:** This course will be conducted in French. Quizzes and tests are given periodically as well as presentations and projects. Homework is assigned nightly and graded periodically, and participation is a major class component.
**FRENCH IV**  
Grades 11 & 12  
2 semesters

**Honors**

**Accelerated**

**Prerequisites:** A sincere interest in the French language and culture, a strong background in French I, II, and French III and have teacher approval.

**Course:** The course reinforces and extends proficiency in the four basic skills, emphasizing ease and independence of expression. Activities will involve the use of film, extended discourse, role playing, French music, interviews, and an audio program. The study of French culture will continue to enhance this program.

**Requirements:** This course is conducted in French and active participation in class is a major focus. Quizzes and tests are given periodically and homework is assigned nightly throughout the course.

Students who meet the criteria may take this course for Dual Enrollment college credit.

**FRENCH V**  
Grade 12  
2 semesters

**Honors**

**Prerequisites:** Successful completion of French IV and teacher approval.

**Course:** This course reinforces and extends proficiency in the four basic language skills, emphasizing ease and independence of expression. Course components include cultural areas not previously studied, varied literary selections including Le Petit Prince, analysis of selected French films, French music, a continued focus on grammatical structures, and a listening program all designed to enhance language acquisition. The course aims at solidifying already existing language skills with an eye toward further study at the secondary and post-secondary level. The class is conducted in French.

**Requirements:** While there will be a number of quizzes and tests, much of the course work will be graded on independent projects. Students will be responsible for their own translation pieces as well as working with other French V class members on designing projects dealing with French art, culture, and music. The French V students will take the lead in presenting these projects. Presentations and recitations will also be assigned. Students will be expected to spend a minimum of 30 minutes per assignment. A good French dictionary will be essential.

Students who meet the criteria may take this course for Dual Enrollment college credit.
**SPANISH I**  
Grade 9  
Honors  
2 semesters  
Accelerated

**Prerequisites:** Placement for freshmen will be based on the entrance examination and middle school grades. Those students who exhibit outstanding language arts skills will be eligible for these levels.

**Course:** This course progressively develops the student’s ability in the four basic language skills of listening, speaking, reading and writing. Besides the vocabulary and grammar, students will also be introduced to Spanish/Hispanic culture. Technology is utilized throughout the course.

**Requirements:** Thirty minutes of homework, written and studied, each night will be required even on nights when there is no class. There will be periodic quizzes, tests, compositions and oral presentations.

**SPANISH I**  
Grade 9  
College Preparatory  
2 semesters

**Prerequisites:** Placement for freshmen will be based on the entrance examination and middle school grades.

**Course:** This course progressively develops the student’s ability in the four basic language skills of listening, speaking, reading and writing. Besides vocabulary and grammar, students will also be introduced to Spanish/Hispanic culture. Technology is utilized throughout the course.

**Requirements:** Thirty minutes of homework, written and studied, each night will be required even on nights when there is no class. There will be periodic quizzes, tests, compositions, and oral presentations.

**SPANISH II**  
 Grades 9 & 10  
Honors  
2 semesters

**Prerequisites:** Successful completion of Spanish I course at the honors level with a final average of 85 or above and departmental approval. For freshmen: successful completion of a placement exam.

**Course:** Concepts developed in Spanish I will be strengthened. The focus of this course is on Spanish grammar, tenses, sentence structure, etc. The class is conducted in Spanish as much as possible so that students will learn to express themselves in the language. Technology is utilized throughout the course.

**Requirements:** Thirty minutes of homework, written and studied, each night will be required even on nights when there is no class. There will be periodic quizzes, tests, compositions and oral presentations.
**SPANISH II**  
Grades 9 & 10  
2 semesters

**Prerequisites:** Successful completion of Spanish I accelerated with a final average of 80 or above and departmental approval. For freshmen: successful completion of a placement exam.

**Course:** Concepts developed in Spanish I will be strengthened. The focus of this course is on Spanish grammar, tenses, sentence structure, etc. The class is conducted in Spanish as much as possible so that students will learn to express themselves in the language. Technology is utilized throughout the course.

**Requirements:** Thirty minutes of homework, written and studied, each night will be required even on nights when there is no class. There will be periodic quizzes, tests, compositions and oral presentations.

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**SPANISH II**  
College Preparatory  
Grades 9 & 10  
2 semesters

**Prerequisites:** Successful completion of Spanish I. For freshmen: successful completion of a placement exam.

**Course:** This course continues the development of the listening, speaking, reading and writing skills begun in Spanish I. It also builds on the vocabulary and grammar presented in Spanish I. There is also a continuation of the study of Hispanic cultures. Technology is utilized throughout the course.

**Requirements:** Thirty minutes of homework, written and studied, each night will be required even on nights when there is no class. There will be periodic quizzes, tests, compositions and oral presentations.

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**SPANISH III**  
Honors  
Grades 10 & 11  
2 semesters

**Prerequisites:** Successful completion of Spanish II at the honors level with an 85 average or above and departmental approval. This course is for those students who have exhibited outstanding ability and interest in Spanish.

**Course:** This course exposes students to Spanish and Hispanic cultures. Grammatical structures will be refined and strengthened. It will introduce more complicated concepts and apply more sophisticated vocabulary. Technology is utilized throughout the course.
**Requirements:** This course is conducted almost entirely in Spanish. A minimum of thirty minutes of homework, written and studied, each night will be required even on nights when there is no class. There will be periodic quizzes, tests, compositions, and oral presentations.

**SPANISH III**

Grades 10 & 11

Accelerated

2 semesters

**Prerequisites:** Successful completion of Spanish II accelerated with an average of 80 or above and departmental approval.

**Course:** This course refines the previously learned grammatical structures, introduces more complicated concepts, and applies more sophisticated vocabulary than in Spanish I and II. There is further study of Hispanic cultures. Technology is utilized throughout the course.

**Requirements:** This course is conducted as much as possible in Spanish. Thirty minutes of homework, written and studied, each night will be required even on nights when there is no class. There are periodic quizzes, tests, compositions and oral presentations.

**SPANISH III**

Grades 10 & 11

College Preparatory

2 semesters

**Prerequisites:** Successful completion of Spanish II. This course is open to all students to continue their foreign language study.

**Course:** This course involves a summary of key grammatical points in Spanish I and II. Grammar will also be enhanced by classroom lecture, workbook/textbook exercises and written translations. Also South/Central American culture and history are emphasized, lectures, and quizzes. Technology is utilized throughout the course.

**Requirements:** Thirty minutes of homework, written and studied, each night will be required even on nights when there is no class. There are periodic tests, quizzes and projects.

**SPANISH IV**

Grades 11 & 12

Honors

2 semesters

**Prerequisites:** A sincere interest in the Spanish language and culture, departmental approval and an 85 average or above in Spanish III honors.

**Course:** The four skills of listening, speaking, reading and writing are further developed through a chronological study of literature, history, and geography of Spain. A special emphasis will be put on short selections from Spanish literature, art and music. Technology is utilized throughout the course.
**Requirements:** This class is conducted entirely in Spanish. There are periodic tests which include essays in Spanish and quizzes, various papers, compositions, essays, etc. and a formal class presentation. Homework assignments will be long-range, but at least thirty minutes of homework, written and studied, each night will be required even on nights when there is no class.

**Prerequisites:** A sincere interest in the Spanish language and culture, and a minimum average of 80 in Spanish III accelerated and department approval.

**Course:** The four skills of listening, speaking, writing and reading are further developed through a chronological study of the literature, history, and geography of Spain. A special emphasis will be put on dialogues and presentations. Technology is utilized throughout the course.

**Requirements:** This course is conducted as much as possible in Spanish. There will be periodic tests and quizzes. Thirty minutes of homework, written and studied, each night will be required even on nights when there is no class. Novels will be read and various papers and projects will be required during the year.

**Prerequisites:** A sincere interest in the Spanish language and culture, a strong background in Spanish I, II and III and teacher approval.

**Course:** This course reinforces and extends proficiency in the four basic skills emphasizing ease, independence of expression and the reinforcement and continuing study of grammar. Activities will involve Hispanic music, art and films, presentations, role-playing, interviews, and an audio program. The study of Hispanic culture and some literary readings will enhance this program.

**Requirements:** The use of Spanish and active participation in class are a major focus. Quizzes and tests are given periodically and homework is assigned nightly throughout the course.

**Prerequisites:** Successful completion of Spanish IV and departmental approval.
**Course:** The four skills of listening, speaking, reading and writing are further developed through a chronological study of literature, history, and geography of Spain. A special emphasis will be put on short selections from Spanish literature and culture. Technology is utilized throughout the course.

**Requirements:** This class is conducted entirely in Spanish. There are periodic tests which include essays in Spanish and quizzes, various papers, compositions, essays, etc. and a formal class presentation. Homework assignments are long-range, but at least thirty minutes of homework, written and studied, each night will be required even on nights when there is no class.

**FINE ARTS DEPARTMENT**

The teachers of visual and performing arts comprise the Fine Arts Department of Archbishop Williams High School.

**GOALS:**
“In support of the school’s Goals and Objectives, the Fine Arts Department is particularly concerned with the growth of students, both as individuals, developing their God-given talents, learning the discipline necessary for artistic creation, and increasing their ability to be self critical, and also as groups, learning to work together cooperatively in creative activities and developing their abilities to benefit from mutual evaluation and positive correction.”

**VISUAL ARTS OBJECTIVES:**
- to develop aesthetic awareness;
- to instill and enrich a sense of culture and an historical understanding of art;
- to teach students to be more visually analytical;
- to develop manual dexterity and creativity.

These objectives will be attained through slide presentations of art pieces - both historical and recent (i.e. Masters like DaVinci, as well as student work). Students and teacher together will analyze process, intention and outcome of the piece(s). Following this, the students will go about discovering their own abilities and creativity through the creation of their own pieces. In this process, they will be exposed to diverse elements of 2-D theory, color theory, various media techniques, etc.

**PERFORMING ARTS OBJECTIVES:**
- to present the performing arts in all of their aspects as human activities;
  a. a means of self-expression,
  b. a means of communication,
  c. a part of the social and cultural development of humankind,
  d. a science,
  e. an enjoyable activity;
- to present at least four live performances by students, faculty, and occasional outside groups each year;
• to provide the student body with the opportunity to participate in choral, instrumental, and theatrical arts;
• to encourage students who demonstrate talent to improve their proficiency;
• to provide academic courses in the fundamentals of the performing arts each year for interested students in Grades 10 - 12.

Note: All students must successfully complete at least one credit in Fine Arts for graduation. This requirement may be fulfilled by successfully completing one of the following:

1. Introduction to Theater Arts (Grade 9,10)
2. Introduction to Visual Arts (Grade 9,10)
3. Contemporary Music (Grade 10)
4. Art I (Grade 10)
5. Chorus (Grade 10, 11, 12)
6. Presentational Speaking (Grade 11,12)
7. Ensemble: What’s That Sound! (Grade 10,11,12)

VISUAL ARTS

018 ARTS 7 Grades 7 & 8
028 ARTS 8 2 semesters

Course: The Grade 7 & 8 Art courses will allow students to experiment with art concepts using the iPad. Students will use their iPads to (research and) discover a variety of concepts in the world of Fine Arts. The iPads will be instrumental in the students creating individual and collaborative presentations which demonstrate their knowledge and understanding of particular concepts. Students will discover examples in a variety of areas; from painting to architecture to photography and exposure to all areas of the visual arts in the world around them. Students will also gain experience in the area of 2-dimensional theory during class assignments. By exposing students to these many varied areas and concepts in Fine Arts, we feel that our goals will be realized in having our students gain a greater understanding, a greater appreciation and a greater foundation in the Fine Arts.

715 INTRODUCTION TO VISUAL ARTS Grades 9 & 10
Honors 2 semesters

Prerequisites: None

Course: This is an introductory course for students to explore various art materials and media. Students will learn the basics elements and principles of design. They will learn and apply the key terms in art from abstraction to perspective and style to symmetry and be able to identify them in great works of art. Students will create 2-D and 3-D projects and discover their own abilities and creative gifts.
**Requirements:** Active participation and project completion. Class work, homework, tests, semester and final exams are also required. The iPad will be used for digital art projects.

**ART I - INTRO TO DRAWING**

Grade 10  
Honors  
2 semesters

Students with diagnosed visual/spacial perception deficit or who struggle with Geometry should not elect this course.

**Prerequisites:** Teacher approval based on solid academic performance, good work ethic and review of attendance/discipline record. This course is designed for students who are considering applying to an art college, who would like to enhance their skills in drawing, those who have a very strong interest in learning to draw, or those who are simply interested in learning how to draw.

**Course:** The first three-quarters of the course will be spent developing drawing skills, learning various drawing techniques and building a sound foundation in drawing. Work in line, shape and value will be stressed as well as exercises in the use of positive/negative space, observation, perspective, etc. The last quarter of the course, if time allows, will deal with drawing using a variety of media - ink, pastels, craypas, charcoal, etc. This will enable the student to gain experience using the various media as well as enhancing the visual outcome of the student’s work.

**Requirements:** An average of one and one-half hours will be spent on outside work each week. Students must maintain a strong attendance record. A $60 Art Fee will be collected at the beginning of Term 1.

**Note:** Art I is essentially a sophomore course. However, juniors who were unable to take Art I-due to schedule conflicts as sophomores or other conflicts-are welcome to take the Art I course if they desire. This course is not open to seniors.

**ART II**

Grades 11 & 12  
Honors  
2 semesters

**Prerequisites:** The successful completion of Art I - Drawing, $60 art fee and department approval.

**Course:** This course should be considered as a continuation of the Art I - Drawing course. As portfolios for college applicants are due by January of one’s senior year, this course will be designed to help the student create a portfolio of work which is large enough and professional enough to enhance the student’s chances of being accepted to an art college.
**Requirements:** An average of one and one-half hours will be spent on outside work each week, as well as a minimum of 3 projects per term will be required. A sketchbook supplied by the department, will be kept by each student. Assignments for each sketchbook will be given at the beginning of each term and turned in on the assigned due date. Term projects will be assigned at the beginning of each term and collected on the assigned due dates. Semester projects will be assigned in lieu of exams each semester. The requirements mentioned above should enable the serious student the opportunity to have 12 - 15 quality examples of his/her work that may be used as a foundation to a completed portfolio.

**Note:** Art II is essentially a junior course. However, seniors who would like to take the Art II course may do so provided they have successfully completed ART I and have departmental approval.

**Students who meet the criteria may take this course for Dual Enrollment college credit.**

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<th>ART III-PAINTING</th>
<th>Grade 12</th>
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<td>Honors</td>
<td>2 semesters</td>
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**Prerequisites:** Art II and departmental approval. This course is offered as a continuation of the Art II course.

**Course:** The beginning of the year will be spent being introduced to painting. Both watercolors and acrylics will be introduced at this time. The students will have the opportunity to work on several painting projects which will be included in the student’s portfolio. At this time, the student will also be making final preparations for his/her portfolio. During the second semester students will be working on a number of independent study projects, some art history, and will be introduced to oil painting as well.

**Requirements:** By the end of the first semester, the students should have completed a minimum of 3 to 4 long-term projects. Also at this time, students should have assembled a minimum of 15 quality drawings and paintings. This may include any work that was completed during the student’s high school years. A sketchbook, supplied by the department, will be kept by each student. Assignments for each sketchbook will be given at the beginning of each term and turned in on the assigned date. During the second semester, three long-term independent study projects will be required. Throughout the year, many homework assignments will be due. These assignments will be completed, primarily, in conjunction with the painting assignments. As with all senior level courses, students will be required to do a senior project for this class. That project will be discussed in class.
PHOTOGRAPHY AND MEDIA

Grade 11 & 12
Honors
2 semesters

Prerequisites: This course is open to Juniors and Seniors with teacher approval. This course is not open to students in Grades 9 and 10. Students who take this course need to possess a solid attendance and academic record. Students must be comfortable giving presentations to class. Students should have basic working knowledge of Photoshop.

Course: This course is designed for students who have a serious interest in Art and Photography. Students will gain a basic background in taking photos, composing photos, and photo-manipulation. Students will also be introduced to a history of photography and will delve into the work of photographers as diverse as Dorothea Lange, Marion Post Wolcott, David Hockney and Annie Liebovitz. Students will learn how photography had an impact on historical events and has changed the perception of public opinion in history. We will examine Pulitzer Prize-winning photography and its importance to each generation.

This course will not only deal with elements of photo-journalism, but students will also engage in landscape photography, portraiture, panoramic photography, as well as working with photography as an art form.

Requirements: Students must have access to a good quality digital camera. NOT a cellphone camera or similar type camera. Students will also need an iPad for the second semester as well as the digital camera. Students will need to have a 4 GB flash drive to store photos. Students must be prepared to meet deadlines. This is a project-based course and much outside work will be necessary as outside work will translate to class work.

PERFORMING ARTS

MUSIC 7
Grades 7 & 8
2 semesters

MUSIC 8

Course: Through performing a variety of music styles Grade 7 & 8 students will gain an understanding of music theory, history, and culture.

INTRODUCTION TO THEATRE ARTS
Grades 9 & 10
Accelerated
2 semesters

Prerequisites: None.

Course: This course will introduce the basic methods for acting, including appropriate verbal techniques for performance on stage.
Students will learn to apply the key terms in theatre and to demonstrate skills for character portrayal in classroom performances. Students will learn to describe and analyze various theatrical works. Students will learn set design, make-up and the technical requirements for an auditorium performance.

**Requirements:** Active participation and project completion. Class work, homework, tests, semester and final exams are also required. The iPad will be used to integrate digital multi-media projects.

### 723 CONTEMPORARY MUSIC

**Grade 10**

**2 semesters**

**Prerequisites:** None.

**Course:** Students will become familiar with many different styles of music. They will listen to and analyze musical compositions from each of the stylistic periods: the Middle Ages, Renaissance, Baroque, Classical, Romantic, and Twentieth Century. Students will develop a musical vocabulary to describe musical characteristics. Students will also understand how the variety of music performed in America reflects the diverse backgrounds of its people through the study of Jazz, Musical Theater, Film Scores and Rock and Roll Music.

**Requirements:** Class participation, homework, projects, tests, a semester and final exam.

### 728 ENSEMBLE I H: WHAT’S THAT SOUND! Grades, 10, 11 & 12

**2 semesters**

**Prerequisites:** Teacher approval grades 10, 11, and 12. Previous instrumental experience is necessary.

**Course:** This class is for students interested in playing their instruments as part of an ensemble. Students will focus on American music forms (Blues, Jazz, and Rock and Roll) through performance practices, music theory and history.

**Requirements:** Active participation in all class activities and performances. Grade will be based on completion of all homework assignments, participation, tests, and semester exams. A fee of $30.00 is required to purchase music and other materials.

### 724 CHORUS I HONORS Grades 10, 11, and 12

**2 semesters**

**Prerequisites:** Teacher approval grades 11 and 12 only.
Course: Students will perform music from a variety of musical styles. Students will learn to read music, the fundamentals of pitch and rhythm, and proper vocal techniques needed for singers to develop their voices. Students will also experience “team work” in being a member of a large ensemble. Note: Students who elect this course must feel comfortable singing in front of an audience.

Requirements: Active participation in all class activities and performances. Mandatory attendance at school concerts in the fall and in the spring and the Baccalaureate Mass. Class work, tests, semester and final exams are also required. A fee of $25.00 is required to purchase music and other materials.

730 MUSIC TECHNOLOGY Grade 11 and 12
Honors 2 semesters

Prerequisites: Teacher approval based on academic performance and attendance.

Course: Students will be introduced to the basic concepts of Music Technology through the use of MIDI, Garage Band, editing and recording. Through assignments and projects student will keep an electronic portfolio of their work that could be used as part of a college application. The second semester of this course will explore real world applications of Music Technology such as creating compositions, remixing, and film scoring.

Requirements: Active participation during class time, homework, tests, projects, semester and final exams.

PHYSICAL EDUCATION, HEALTH EDUCATION, STUDY SKILLS

031 STUDY SKILLS Grade 7
2 Semesters

Course: In this course Grade 7 students will identify their learning style, learn time management skills and how to organize their schoolwork, note taking (KWL charts, topic-subtopic map, column note taking...), and how to prepare for a test using various types of memory builders (acronyms, acrostics, songs, rhymes...) to remember information.

032 ADVISORY Grade 8
2 Semesters

Course: Grade 8 students will work together using their cooperative teamwork skills to work through issues and problems (bullying, handling a bad day, cheating, conflicts with siblings...) that they face in their daily life. Topics will be presented in a small group through role-play, art, writing, oral presentation and group projects.
SKILLS

Prerequisites: None

Course: This freshman course includes instruction in Physical Education, Study Skills, and Health Education. Within the seven-day academic schedule, students will receive instruction in all three areas. See individual department objectives and course descriptions below.

PHYSICAL EDUCATION DEPARTMENT

GOALS:
In keeping with the philosophy of Archbishop Williams High School, the main goal of the Physical Education Department is to contribute to the development of a well-rounded individual by stressing overall physical fitness as well as providing an understanding of the physical, mental and social aspects of a lifetime of quality sports and recreation.

OBJECTIVES:
- to develop a basic competency of rules, regulations and general knowledge of a variety of sports and games;
- to provide an opportunity for students to practice and learn basic motor skills needed for successful participation in a variety of sports and games;
- to test students in physical fitness areas that includes flexibility, cardiovascular fitness, muscular strength and endurance;
- to help all students develop some sense of teamwork, honesty and integrity, as promoted in the qualities of good sportsmanship, by participation in the various activities;

PHYSICAL EDUCATION

Grade 7 & 8
PHYSICAL EDUCATION 7
020
PHYSICAL EDUCATION 8
030
2 semesters

Course: The Grade 7 and 8 coed Physical Education course is structured to present students the basic skills and rules and regulations of individual and team sports. It will also include topics around growth and development and nutrition. Leisure and recreational activities will be included as well as physical fitness testing.

PHYSICAL EDUCATION

Grade 9
Heterogeneous

Prerequisites: None

Course: The freshman coed Physical Education course is structured to present to students the basic skills and rules and regulations of individual and team sports. Leisure and recreational activities will be included as well as physical fitness testing.
HEALTH EDUCATION

GOALS:
In keeping with the philosophy of Archbishop Williams High School, the goals of the health course are to give students a basic understanding of the physiology and psychology of the human body. Based on this understanding, the goal will be to encourage students to adopt a lifetime of quality physical and emotional health.

OBJECTIVES:
• to encourage students to assume the responsibility for their own health;
• to develop decision-making solutions necessary to meet their health needs in a positive way;
• to aid students in learning how to use health resources and services;
• to make students aware of the relationship between personal health and fitness;
• to give students an overall understanding of the major health issues facing teens today;

Prerequisites: None

Course: This course is designed to survey major health issues (drugs, alcohol, tobacco, eating disorders, nutrition, stress management and health-related fitness concepts) facing teens today. The course will present information to help guide students in making healthy lifestyle choices for the present day as well as the future.

Requirements: Class participation, homework, projects, quizzes, semester and final exam.

STUDY SKILLS:

The freshman study skills class emphasizes study skills in the following areas: Overall organizational skills; Computer skills; Library/Research skills; Reading skills and Guidance Class. Classes include instruction in all of these areas.

GUIDANCE DEPARTMENT

FRESHMAN GUIDANCE GROUPS

The Guidance Counselors will meet with the freshmen once a cycle during their study skills class at the beginning of the school year for the first three cycles. In addition to meeting their Guidance Counselor among the topics covered in the meetings will be adjustment to high school, organization, time management, establishing good study habits, and understanding and preparing for exams.

JUNIOR GUIDANCE GROUPS

Juniors will meet with their Guidance Counselors once per cycle for the second semester.
Among the topics covered are: assessing interests and talents, identifying what colleges are looking for in prospective students (including the requirements of Mass Public Colleges), starting the college search through a definition of essential terminology, encouraging campus visits, providing financial aid information and introducing the writing of a resume.

Students will also work with their iPads using the Naviance Program and the Collegeboard website. Such programs allow students to complete a personal interest inventory, and help to select appropriate colleges and possible majors for further investigation. In addition, our students will be assisted in their registration for the spring SAT exam through the collegeboard.org website.

By the end of May, all juniors will have met individually with their counselor. A list of colleges will be compiled with the use of the Naviance College Search Program. Official visits to some of these suggested colleges should be made during the spring and summer vacations prior to senior year.

**COLLEGE ENTRANCE EXAMINATIONS**

Preparation for these entrance exams is essential. These exams, usually taken in the spring of junior year and fall of senior year, are an important component to a student profile. In addition to being a host for the SAT, Williams is also a host for the ACT (American College Tests). Our students have some practice with the SAT when they take the PSAT's as underclassmen. Since the majority of our students choose the SAT for their college admission test, options for SAT preparation will be provided to the parents of our juniors via a mailing during the winter. And finally, college entrance examination preparation opportunities can also be found on the respective SAT and ACT websites (www.collegeboard.org and www.actstudent.org). Links to these sites are also on the schools website under Guidance.

**VIRTUAL HIGH SCHOOL**

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<th>1100</th>
<th>VIRTUAL HIGH SCHOOL</th>
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<td>Multi-Disciplinary</td>
<td>2 semesters</td>
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**Prerequisites:** Self-motivation, ability to learn independently, some computer literacy, time management skills, effective written communication skills, willingness to try new things, interest in NetCourse subject matter, completion of an application form, approval of Guidance Office and the AWHS Site Coordinator.

**Course:** Through participation in the Virtual High School, a student has the opportunity to enroll in one of over 100 elective courses not offered at AWHS. Courses are offered in all subject areas. Prospective students should visit the VHS website at www.thevhscollaborative.org to explore the wide range of courses. In addition to learning more about a topic that is of particular interest to a student, participants acquire
skills needed to succeed in an increasingly technological world. Online learning in the VHS helps students master course content, as well as develop communication, collaboration, and creative problem solving skills. Students’ technological fluency increases as they become adept at using computers and the Internet as part of their learning. Some courses are one semester in length; others are full-year courses. Students who enroll in the VHS through AWHS must select a full year course or two, one-semester courses. Further information about Virtual High School courses is available through the website or by contacting the Site Coordinator at AWHS.

**Requirements:** Each course offered through the VHS has its own set of requirements, learning objectives, and expectations. Each student is required to comply with individual VHS teacher expectations. Students participate in an on-line orientation in order to become familiar with the VHS learning environment. Each participant will be scheduled to spend the equivalent of a full class period in the computer lab during school hours to work on his/her VHS course. It is understood that students will also need to complete tests, quizzes, homework, outside reading and projects assigned by the VHS teacher. Students are required to secure access to an on-line computer outside the scheduled class time (either at school or at home) in order to complete assignments and projects. All assignments are completed on-line and monitored by the Site Coordinator.

Please note: Students wishing to enroll in AP courses through VHS must follow the AP policies established by VHS as well as by AWHS.

**INTERNSHIPS**

**900 COMMUNICATION INTERNSHIP**

**Grades 11 and 12**

**2 semesters**

**Prerequisites:** Students must be in good academic standing, have an excellent attendance record and exhibit proficiency in writing and communication skills. Applications for this elective will be reviewed by the Guidance Department, the Institutional Advancement Staff, and the Director of Admissions.

**Course:** This internship will be offered as an elective to juniors and seniors interested in pursuing a career in communications. Selected students will study and work with our Institutional Advancement Staff and the President’s Office in the area of communications, technology, and public relations. Projects will include conducting interviews, drafting press releases for athletic and other events, website design and editing, and exposure to all elements of alumni and public relations. Interested students may apply for this elective through the Guidance Office. Space is limited to a small number of students.
**Requirements:** Schedules will vary and may include times outside the school day.

**901 ATHLETIC DEPARTMENT INTERNSHIP** Grades 11 and 12

2 semesters

**Prerequisites:** Students must be in good academic standing, have an excellent attendance record and exhibit proficiency in writing and communication skills. Applications for this elective will be reviewed by the Guidance Department, Athletic Department and the Assistant Principal.

**Course:** There will be a very limited number of opportunities available as a junior or senior elective for selected students to study and work with our Athletic Department in the area of communications, technology, and public relations. Projects will include inventory, game-day assistance, website editing, drafting of press releases for athletic events, and exposure to many other elements of athletic administration at AWHS.

**Requirements:** Schedules will vary and will include time commitments outside of the normal school day.

Students interested in applying for consideration as an Intern must submit the following to the Guidance Department no later than 4/1/2014.

1. **Essay:** Explain how this internship will enhance your future educational and/or career plans. Include in this essay why you think you would be a good candidate for this internship. Essay should contain a minimum of 250 words.

2. **Press Release:** Please choose a sport that is currently being played and write a press release. You can write about a game, player, something they have done for community service or something along those lines.

3. **Resume:** Please submit a resume of any clubs, activities, sports, community service, or work experience you have participated in while in high school.

**151 CAMPUS MINISTRY INTERNSHIP** Grade 12

2 semesters

**Prerequisites:** Students must be in good academic standing, have excellent attendance record, exhibit proficiency in writing, communication, and organizational skills, have a passion for service, and be active in the school community. Applications for this elective will be reviewed by the Guidance Department, Campus Ministry and the Assistant Principal.
**Course:** In this internship the student will work within all aspects of Campus Ministry including worship services, reflections, retreats, and service. Using Christ the Teacher and the Sisters of Charity of Nazareth as a model, the student intern will grow as a leader in the school community.

**Requirements:**

- Aid Campus Ministry in its day to day functions including, but not limited to:
  - Morning prayer and all its components: birthdays, schedule, announcements, prayer request
  - Build and maintain a database of service locations
  - Manage the social media of Campus Ministry website updates
  - Responsible for the management of the monthly after school service projects (ie Bishops Bread Project: seeking donations, execution, and delivery)
  - Aid in the advertisement of service opportunities, retreats, and Masses
  - Aid in the preparation of service opportunities, retreats, and Masses
  - Lead small students groups in reflection
  - Lead communion/prayer services for faculty; (if applicable)