

PROGRAM OF STUDIES

2019-2020



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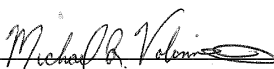
MISSION STATEMENT

Archbishop Williams High School is an independent, Catholic, college preparatory, grades 7-12 school. We endeavor to educate young men and woman spiritually, intellectually, ethically and physically. Driven by the love of Christ, in the tradition of the Sisters of Charity of Nazareth, we integrate learning with faith. We strive to graduate socially aware, morally responsible citizens prepared to succeed and to serve their local and global communities.

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 by: _____


(Principal)

Michael R. Voloninno, Ph.D.

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PURPOSE

The purpose of this Program of Studies is to assist the student and parents in course selections for the 2019-2020 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. 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 summer 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 AWHHS

1. AWHHS 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 colleges with whom AWHHS has a Dual Enrollment agreement.
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 AWHHS 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.
8. Each sponsoring college may offer different benefits to students in terms of access to collegiate resources.
9. The college credits earned at AWHHS will replace credits and courses taken at the sponsoring school, should a student attend that school. 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.
10. Tuition for Dual Enrollment college credit is a fraction of the cost of college tuition. Some schools will want a payment collected by AWHHS, others will want payment directly to the sponsoring college or university.
11. Specific courses offered for Dual Enrollment will be provided to students.

GENERAL INFORMATION

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.

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.

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.

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 (ONE credit per year)
- FOUR credits in ENGLISH (ONE credit per year)
- FOUR credits in MATHEMATICS (ONE credit per year)
- THREE credits in SOCIAL STUDIES (U. S. History required)
- TWO credits in the same FOREIGN LANGUAGE
- THREE credits in SCIENCE (including two credits in Biology and Chemistry and one additional Laboratory Science)
- (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 also required to complete a total of 70 hours of community service over four years to graduate from Archbishop Williams.

In addition to the above requirements, freshmen maybe required to complete one course in Skills. Students who have completed eighth grade at Archbishop Williams may choose a different elective course in lieu of Skills.

LEVELING PROCESS FOR GRADES 9-12

The leveling process takes place each year in February for students in Grades 8-11. 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. All decisions are contingent upon the student's successful completion of the course for the year.

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

Level:	Grade to stay at level:	Grade to move up a level:
College Preparatory (CP)	60	85
Accelerated (ACC)	80	90
Honors (H)	85	N/A

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. This means that a student needs an academic average of 90 or above in all preceding courses in that subject area and any other prerequisite courses. Additionally, 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. Students are responsible for the fee associated with their AP exam(s).

Virtual High School: Juniors and 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 and the Academic Department Chair will make recommendations 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 AWHHS.

Entering 9th Graders: Placement of entering ninth graders is based on their HSPT entrance exam score 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. The principal retains the final decision in the case of disagreement.

Transferring Classes: At the start of the school year, students may request to transfer out of class during the first two cycles. Transfer requests must have the approval of a parent/guardian. A transfer before or after the first two cycles may be initiated by the teacher or guidance counselor.

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. Additionally, due to scheduling constraints, we cannot guarantee that all requests for transfers can be granted.

WEIGHTED G.P.A. ON A 4.0 SCALE

Grade	College Prep.	Accelerated	Honors	A.P.
100	4.5	4.8	5.1	5.5
99	4.4	4.7	5	5.4
98	4.3	4.6	4.9	5.3
97	4.2	4.5	4.8	5.2
96	4.1	4.4	4.7	5.1
95	4	4.3	4.6	5
94	3.9	4.2	4.5	4.9
93	3.8	4.1	4.4	4.8
92	3.7	4	4.3	4.7
91	3.6	3.9	4.2	4.6
90	3.5	3.8	4.1	4.5
89	3.4	3.7	4	4.4
88	3.3	3.6	3.9	4.3
87	3.2	3.5	3.8	4.2
86	3.1	3.4	3.7	4.1
85	3	3.3	3.6	4
84	2.9	3.2	3.5	3.9
83	2.8	3.1	3.4	3.8
82	2.7	3	3.3	3.7
81	2.6	2.9	3.2	3.6
80	2.5	2.8	3.1	3.5
79	2.4	2.7	3	3.4
78	2.3	2.6	2.9	3.3
77	2.2	2.5	2.8	3.2
76	2.1	2.4	2.7	3.1
75	2	2.3	2.6	3
74	1.9	2.2	2.5	2.9
73	1.8	2.1	2.4	2.8
72	1.7	2	2.3	2.7
71	1.6	1.9	2.2	2.6
70	1.5	1.8	2.1	2.5
69	1.4	1.7	2	2.4
68	1.3	1.6	1.9	2.3
67	1.2	1.5	1.8	2.2
66	1.1	1.4	1.7	2.1
65	1	1.3	1.6	2
64	.9	1.2	1.5	1.9
63	.8	1.1	1.4	1.8
62	.7	1	1.3	1.7
61	.6	.9	1.2	1.6
60	.5	.8	1.1	1.5
Below 60	0	0	0	0

CURRICULUM OVERVIEW

Grade 7

(All courses required)

THEOLOGY 7

ENGLISH 7

MATH 7 OR PREALGEBRA

ANCIENT CIVILIZATIONS

PHYSICAL SCIENCE

INTRODUCTORY LATIN

PHYSICAL EDUCATION 7

SKILLS 7

Grade 8

(All courses required)

THEOLOGY 8

ENGLISH 8

ALGEBRA IA OR PREALGERBRA 8

WORLD HISTORY I

LIFE SCIENCE

FRENCH II or SPANISH IB

PHYSICAL EDUCATION 8

SKILLS 8

Grade 9

(All courses required unless taking a replacement for Skills)

THEOLOGY 9 or THEOLOGY FOR INTERNATIONAL STUDENTS

ENGLISH I

ALGEBRA I or ALGEBRA I/II or Algebra IB

WORLD HISTORY II

BIOLOGY I

FRENCH I,II OR III or SPANISH I or II

SKILLS 9

PHYSICAL EDUCATION

FRESHMAN GUIDANCE

Replacement courses for Skills:

INTRODUCTION TO DIGITAL ARTS

THEATER ARTS I

Grade 10

Required Courses

THEOLOGY 10

ENGLISH II

GEOMETRY

US HISTORY I

CHEMISTRY I

FRENCH II, III OR IV or SPANISH II or III
SOPHOMORE GUIDANCE

Fine Arts Electives:

ART I
THEATER ARTS I or II
CHORUS
ENSEMBLE: WHAT'S THAT SOUND!
PHOTOGRAPHY AND MEDIA
MEDIA ARTS
VARSITY DRAMA AND DEBATE

Grade 11

Required Courses

THEOLOGY 11
ENGLISH III
ALGEBRA II, OR ALGEBRA II/TRIGONOMETRY OR PRECALCULUS
UNITED STATES HISTORY II or AP UNITED STATES HISTORY
JUNIOR GUIDANCE (one semester)

Elective Courses

FRENCH III, IV OR V or SPANISH III or IV
AP BIOLOGY
PHYSICS I
PHYSICS I AP
ANATOMY AND PHYSIOLOGY
AP CHEMISTRY
ART I OR II
ART AND ENGINEERING
MEDIA ARTS
VARSITY DRAMA AND DEBATE
PHOTOGRAPHY AND MEDIA
CHORUS
ENSEMBLE: WHAT'S THAT SOUND!
MUSIC TECHNOLOGY
THEATER ARTS I OR II
ATHLETIC DEPARTMENT INTERNSHIP
VHS

Grade 12

Required Courses:

Two Semester-Long Theology Electives:
THEOLOGY 12: WORLD RELIGIONS
THEOLOGY 12: MYSTERY OF SUFFERING, DEATH AND RESURRECTION
THEOLOGY 12: PRAYER AND SPIRITUALITY

THEOLOGY 12: CHURCH HISTORY
THEOLOGY 12: THEOLOGY AND CHRISTIAN SERVICE
ENGLISH IV or ENGLISH IV AP
AP CALCULUS AB, CALCULUS I, STATISTICS, PRECALCULUS or TRIGONOMETRY
AND FUNCTIONS

Three Electives from the following:

PRESENTATIONAL SPEAKING
ECONOMICS
LAW AND JUSTICE
MODERN AMERICA
AP GOVERNMENT
AP WORLD HISTORY
PERSONAL FINANCE
PSYCHOLOGY
AP PSYCHOLOGY
PHYSICS I
AP BIOLOGY
AP ENVIRONMENTAL SCIENCE
ENVIRONMENTAL SCIENCE
ANATOMY & PHYSIOLOGY
AP CHEMISTRY
AP PHYSICS I
AP PHYSICS II
FORENSIC SCIENCE
FRENCH IV or V
SPANISH IV or V
ART I, II, OR III
PHOTOGRAPHY AND MEDIA
DIGITAL DESIGN
ART AND ENGINEERING
MEDIA ARTS
CHORUS I, II, III
MUSIC TECHNOLOGY
ENSEMBLE: WHAT'S THAT SOUND!
THEATER ARTS I OR II
VARSITY DRAMA AND DEBATE
ATHLETIC DEPARTMENT INTERNSHIP
CAMPUS MINISTRY INTERSHIP
THEATER INTERNSHIP
VHS

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.

COURSES:

013 THEOLOGY 7: Life of Jesus

Grade 7
2 semesters

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

023

THEOLOGY 8: History of the Catholic Church

Grade 8
2 semesters

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.

115

THEOLOGY 9

Grade 9
2 semesters

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.

115IS

THEOLOGY FOR INTERNATIONAL STUDENTS

Grades 9, 10 & 11
2 semesters

Course: This course provides an overview of the Catholic Faith for International students who are new to AWHHS and are new to the study of Theology. This course provides an overview of the Catholic Faith, the Trinity, who Jesus is, the Church, Tradition, and Scriptures 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.

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THEOLOGY 10

Grade 10
First Semester

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 and their relevance to Salvation History. 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

Grade 10
Second Semester

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 knowledge and love of Christ, to expand their relationship with Christ and to appreciate the actions necessary to become a real presence of Christ in the world.

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

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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 worshipping 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.

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THEOLOGY 12: World Religions

Grade 12
Semester Elective

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.

140

THEOLOGY 12: Mystery of Suffering, Death, and Resurrection

Grade 12
Semester Elective

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

Course: This senior elective will examine and further one's understanding of the great mysteries of life-suffering, death, and resurrection. Students will identify different kinds of loss, including death, and explore the notion that grief is a normal part of life. The class will delve into the suffering, death, and resurrection of Jesus, as they begin to address the "why" question for themselves. In support of the dignity of life, they will discuss compassionate care of the dying and grow in hope and compassion as they prepare rituals that comprise a ministry of consolation.

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

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THEOLOGY 12: Prayer and Spirituality

Grade 12
Semester Elective

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: Church History

Grade 12
Semester Elective

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

Course: This course is designed to deepen our awareness of being people of God whose relationship with Christ is extended and expressed in history. It will trace the story of how the woman and men of the Church have striven over the centuries to carry out the mission of Jesus, in the face of persecution, war, schism, secularism, colonialism, industrial and technological developments, responding with faith, courage and love. By studying the lives of those who have followed Christ through the ages, students will find invitation, inspiration, and incentive to see the stories as valuable and as a vital partner in the ongoing dialogue within the Christian community.

Requirements: Participation in class activities, regular reading and writing assignments, research and reporting, independent projects, quizzes and tests.

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THEOLOGY 12: Theology and Christian Service

Grade 12
Semester Elective

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

Course: This service learning course will provide students with an opportunity to explore the connection between Theology and Christian Service. Units of study will include doctrine of God, human nature and our longing for joy, compassion as a response to God's love, and the nature of Christian service. Students will be required to complete 10-15 hours of service during the course of the semester. This work should be done in service to the marginalized in our community (the elderly, poor, sick, etc). Students will work with the teachers on an appropriate service placement. Students are expected to use their service experience for added insight in to theological themes discussed.

Requirements: Frequent position papers, quizzes, homework assignments, and participation in class discussion/presentations will be required. The course will culminate in a final writing assignment.

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.

COURSES:

<u>014</u>	<u>ENGLISH: Language Arts 7 / ACC</u>	Grade 7
<u>036</u>	<u>ENGLISH: Language Arts 7 / CP</u>	2 semesters

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

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.

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ENGLISH I

College Preparatory

Grade 9

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.

221

ENGLISH II

Honors

Grade 10

2 semesters

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.

222

ENGLISH II

Accelerated

Grade 10

2 semesters

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. 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.

222

ENGLISH II

College Preparatory

Grade 10

2 semesters

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

Honors

Grade 11

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 and writing a college essay 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

Accelerated

Grade 11

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 and writing a college essay 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

College Preparatory

Grade 11

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 and writing a college essay 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.

230

English III

Grade 11

Prerequisites:

Admission into this course involves a multi-step application process including a minimum grade of 90% in English II Honors, the recommendation of the Sophomore English teacher, the department approval, recommendation of Guidance based on class rank and PSAT performance, and results of a diagnostic test.

Course:

The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods.

Requirements:

Summer reading; Critical essays for each marking period; in-class and at home writing assignments; supplementary reading; 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.

240**ENGLISH IV**

Advanced Placement Literature and Composition

Grade 12

2 Semesters

Prerequisites: Admission into this course involves a multi-step application process including a minimum grade of 90 in 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; in-class and at home 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.

241

ENGLISH IV
Honors

Grade 12
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 and creative writing. 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
Accelerated

Grade 12
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 persuasive writing 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

College Preparatory

Grade 12

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 persuasive writing 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.

ENGLISH ELECTIVES

750

PRESENTATIONALSPEAKING

Accelerated

Grade 12

2 semesters

Prerequisites: Successful completion of English III and department approval. An application is required.

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.

MATHEMATICS DEPARTMENT

GOALS:

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.

COURSES:

<u>009</u>	<u>MATH 7</u> College Preparatory	Grade 7 2 semesters
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Prerequisites: Placement in this course will be based on the results of the entrance exam.

Course: This course builds on the foundational mathematical skills and concepts necessary for success in future mathematics courses. Topics in this course include representation of and operations with real numbers, operations with rational numbers, manipulating algebraic expressions, solving linear equations and inequalities, proportional and variational relationships, geometric construction, area, surface area, volume, random sampling, comparative inference, and chance processes. Other topics may be added if time permits. Throughout the course, a balance between theory and application is stressed, along with a focus on developing strong conceptual understanding and communication 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.

<u>012</u>	<u>PREALGEBRA</u> Accelerated	Grade 7 2 semesters
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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.

038

ALGEBRA IA
Accelerated

Grade 8
2 semesters

Prerequisites: A minimum grade of 80% in Pre-Algebra ACC or a 90% in Math 7, 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.

037

PREALGEBRA 8
College Preparatory

Grade 8
2 semesters

Prerequisites: Departmental approval and/or successful completion of Math 7 College Preparatory.

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.

414

ALGEBRA I,II
Honors

Grade 9
2 semesters

Prerequisites: Incoming students will be leveled according to the entrance exam. For current AWHs 8th graders: a minimum grade of 90% in Algebra ACC and departmental approval.

Course: This course is designed for high ability math students. Topics from Algebra I are reviewed, followed by corresponding 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. ATI-84 Plus graphing calculator is required.

410

ALGEBRA IB

Honors

Grade 9
2 semesters

Prerequisites: Incoming students will be leveled according to the entrance exam. For current AWHs 8th graders: a minimum grade of 85% in Algebra ACC and departmental approval.

Course: This course is designed for high ability math students that did not have a full year of a high school level 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. ATI-84 Plus graphing calculator is required.

409

ALGEBRA IB

Accelerated

Grade 9
2 semesters

Prerequisites: Incoming students will be leveled according to the entrance exam. For current AWHs 8th graders: a minimum grade of 80% in Algebra Acc or a 90% in Pre-Algebra CP and departmental approval.

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. This course will move at a faster pace than the college preparatory course with more focus on critical thinking and problem solving.

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. ATI-84 Plus graphing calculator is required.

408
416

ALGEBRA IB / CP
ALGEBRA I / CP2

Grade 9
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. ATI-84 Plus graphing calculator is required.

411

GEOMETRY

Honors
semesters

Grade 10
2

Prerequisites: Minimum of an 85% in Algebra I H or Algebra I/II H or a 90% in Algebra I ACC and/or departmental approval.

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. ATI-84 Plus graphing calculator is required.

422

GEOMETRY

Accelerated

Grade 10
2 semesters

Prerequisites: Minimum of an 80% in Algebra I ACC or an 85% in Algebra I CP and/or departmental approval.

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.

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.

450

PRECALCULUS

Honors

Grade 11
2 semesters

Prerequisites: Minimum of an 85% in Algebra II/Trig H or a 90% in Algebra II ACC 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, and 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. ATI-84 Plus graphing calculator is required.

432

ALGEBRA II

Accelerated

Grade 11
2 semesters

Prerequisites: A minimum grade of 80% in Geometry ACC or an 85% in Geometry CP 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. ATI-84 Plus graphing calculator is required.

433

ALGEBRA II
College Preparatory

Grade 11
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. ATI-84 Plus graphing calculator is required.

420

ALGEBRA II / TRIGONOMETRY
Honors

Grade 11
2 semesters

Prerequisites: A minimum grade of 85% in Geometry H or 90% in Geometry ACC and departmental approval.

Course: This rigorous and comprehensive course is intended for students who have achieved and maintained a solid grasp of concepts from Algebra I Honors and Geometry Honors. Topics included in this course will include: polynomial, rational, exponential, logarithmic, and circular functions, operations with functions, inverses, systems of equations and inequalities, rational and radical expressions, complex numbers, and applications of trigonometry. Other topics may be added if time permits. Conceptual understanding, critical thinking, and problem solving skills will be 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.

440

ADVANCED PLACEMENT CALCULUS AB
Advanced Placement

Grade 12
2 semesters

Prerequisites: Minimum of 90% in Precalculus H, 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, and one hour of 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. A Zero Block period meeting before school once per cycle maybe added to the course at the teacher's discretion.

438

CALCULUS I

Honors (Non AP)

Grade 12
2 Semesters

Prerequisites: Minimum of an 80% in Precalculus H OR 85% in Algebra II/Trig H and teacher recommendation/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. ATI-84 Plus graphing calculator is required.

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

445

STATISTICS

Accelerated

Grade 12
2 semesters

Prerequisites: Successful completion of Precalculus (any level), Algebra II/Trig H or 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 judgments 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. ATI-84 Plus graphing calculator is required.

449

PRECALCULUS

Accelerated

Grade 12
2 semesters

Prerequisites: Minimum of an 80% in Algebra II ACC or an 85% in Algebra II CP and/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. 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. ATI-84 Plus graphing calculator is required.

453

TRIGONOMETRY AND FUNCTIONS

College Preparatory

Grade 12
2 semesters

Prerequisites: Successful completion of Algebra I, Geometry, and Algebra II and departmental approval. Students who have taken Precalculus may not enroll in this course.

Course: This course is a solid review and 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 ethical, social, economic, and technological challenges that face them in today's world and in the future.

REQUIREMENTS:

Successful completion of World History I and II and U. S. History I and II is necessary for graduation.

COURSES:

010 ANCIENT CIVILIZATIONS

Grade 7
2 semesters

Course: Students study the beginnings of civilization and the early societies that shaped the course of human development. Students will learn about the early development of the river valley civilizations (Mesopotamia, Egypt, etc.) and then the later development of maritime civilizations in the Mediterranean (Phoenicia, Greece, etc.). The cultural contributions of China, India and early Native American societies are also covered. Students will be given a solid foundation on which World History I will expand.

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

313 WORLD HISTORY I

Grade 8
2 semesters

Course: This course is a study of the development of great civilizations of the world, from the rise of Rome through the Middle Ages, culminating with the Renaissance and Reformation. African trading societies, the rise of Islam and the further development of Asian societies will be studied. The course will examine the cultural and religious thought of these groups 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 Honors

Grade 9
2 semesters

Course: This course continues the study of World History from The Age of Absolutism to the present time. This is a course about the introduction of the ideas that shaped our present beliefs and social environment. Through study of the Enlightenment, world revolutions and the fundamental changes brought about by the industrial revolution, 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 the in-depth research and analysis of historical events, which guides students in developing 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

Accelerated

Grade 9

2 semesters

Course: This course continues the study of World History from The Age of Absolutism to the present time. This is a course about the introduction of the ideas that shaped our present beliefs and social environment. Through study of the Enlightenment, world revolutions and the fundamental changes brought about by the industrial revolution, 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 the in-depth research and analysis of historical events, which guides students in developing 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.

318

WORLD HISTORY II

College Preparatory

Grade 9

2 semesters

Course: This course continues the study of World History from The Age of Absolutism to the present time. This is a course about the introduction of the ideas that shaped our present beliefs and social environment. Through study of the Enlightenment, world revolutions and the fundamental changes brought about by the industrial revolution, 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 research and analysis of historical events, which introduces students to critical thinking skills.

Requirements: Tests, quizzes, homework, oral presentations, class participation, research and written reports will form the basis for assessment.

334

UNITED STATES HISTORY I

Honors

Grade 10

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, which guides students in developing 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, which guides students in developing 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.

333 **UNITED STATES HISTORY I** Grade 10
College Preparatory 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 research and analysis of historical events, which guides students in developing critical thinking skills necessary for college success.

Requirements: Tests, quizzes, homework, oral presentations, class participation, research and written reports will form the basis for assessment.

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

Prerequisites: A minimum grade of 90% in United States History I Honors as well as departmental approval via completed AP Intent Form.

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

331 **UNITED STATES HISTORY II** Grade 11

Honors

2 semesters

Prerequisites: Successful completion of World History II United States History I. Demonstrated ability to do Honors level work.

Course: This course will focus on historical trends in the study of events beginning with the Gilded Age and closing with America at the Turn of the Millennium 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. 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, which guides students in developing advanced critical thinking skills.

Requirements: Tests, quizzes, daily homework, class participation, outside reading, research papers and written reports which guide students in developing advanced critical thinking skills.

332

UNITED STATES HISTORY II

Accelerated

Grade 11

2 semesters

Prerequisites: Successful completion of World History II and United States History I.

Course: This course will focus on historical trends in the study of events beginning with the Gilded Age and closing with America at the Turn of the Millennium 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. 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, which guides students in developing critical thinking skills.

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

339

UNITED STATES HISTORY II

College Preparatory

Grade 11

2 semesters

Prerequisites: Successful completion of World History II and United States History I.

Course: This course will focus on historical trends in the study of events beginning with the Gilded Age and closing with America at the Turn of the Millennium 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. Students should develop a deep awareness and appreciation of American culture. This is achieved through the use of research and analysis of historical events, which guides students in developing critical thinking skills necessary for college success.

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

337

MODERN AMERICA
Honors

Grade 12
2 semesters

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

Course: This course will provide students with a comprehensive view of events and dominant social, cultural, political and economic trends in the United States since World War II that contributed to the modernizing of America. Topics of study include but are not limited to: McCarthyism and the Cold War; consumer, youth, and popular culture; Civil Rights Movements; the Vietnam War and the New Left; Watergate and the resurgent Right; immigration policy, and the War on Terror. Material on relevant current events will be included to illustrate continuity and change as it impacts our view of the future.

Requirements: Readings, quizzes, tests, class participation and discussion, analysis of current events and research papers. Rigorous supplemental reading required.

336

MODERN AMERICA
Accelerated

Grade 12
2 semesters

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

Course: This course will provide students with a comprehensive view of events and dominant social, cultural, political and economic trends in the United States since World War II that contributed to the modernizing of America. Topics of study include but are not limited to: McCarthyism and the Cold War; consumer, youth, and popular culture; Civil Rights Movements; the Vietnam War and the New Left; Watergate and the resurgent Right; immigration policy, and the War on Terror. Material on relevant current events will be included to illustrate continuity and change as it impacts our view of the future.

Requirements: Readings, quizzes, tests, class participation and discussion, analysis of current events and research papers. Supplemental reading will be required.

338

MODERN AMERICA

College Preparatory

Grade 12
2 semesters

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

Course: This course will provide students with a comprehensive view of events and dominant social, cultural, political and economic trends in the United States since World War II that contributed to the modernizing of America. Topics of study include but are not limited to: McCarthyism and the Cold War; consumer, youth, and popular culture; Civil Rights Movements; the Vietnam War and the New Left; Watergate and the resurgent Right; immigration policy, and the War on Terror. Material on relevant current events will be included to illustrate continuity and change as it impacts our view of the future.

Requirements: Readings, quizzes, tests, class participation and discussion, analysis of current events and research papers. Supplemental reading will be required.

329

LAW AND JUSTICE

Honors

Grade 12
2 semesters

Prerequisites: Successful completion of World History II, United States History I and II, as well as departmental approval. Excellent writing skills, work ethic, and a good record of attendance are required. Demonstrated ability to do Honors level work.

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.

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 college-level Senior Research Paper and Presentation.

326

LAW AND JUSTICE

Accelerated

Grade 12
2 semesters

Prerequisites: Successful completion of courses in World History II, United States History I and II, 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, and the role of the FBI and CIA. 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.

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 demonstrating skills necessary for college success.

327

LAW AND JUSTICE

College Preparatory

Grade 12
2 semesters

Prerequisites: Successful completion of courses in World History II, United States History I and II, 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, and the role of the FBI and CIA. 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.

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 demonstrating skills necessary for college readiness.

344

AP PSYCHOLOGY

Advanced Placement

Grade 12

2 semesters

Prerequisites: A minimum grade of a 90% in United States History II Honors or an 85% in AP US History, as well as departmental approval through the completion of the AP Intent Form.

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 within 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.

347

PSYCHOLOGY

Accelerated

Grade 12

2 semesters

Prerequisites: Successful completion of World History II, United States History I and II 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 as well as memory and thought.

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

451

PERSONAL FINANCE

Accelerated

Grades 12

2 semesters

Prerequisites: This course is open to seniors with a solid attendance record and departmental approval. 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: student 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. Additionally, they must 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

ECONOMICS

Honors

Grade 12
2 semesters

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

Course: This course is designed to introduce students to the foundational concepts of micro- and macroeconomics and market reasoning. Topics covered include scarcity, opportunity cost, supply and demand, incentives, externalities, labor, price floors and ceilings, market mechanisms financial markets, money, banking, finance (personal, corporate, and international), fiscal policy, monetary policy, international trade, globalization, development, poverty, inequality, and current issues in global and national economics.

Requirements: Textbook and outside readings, tests, quizzes, research projects, oral presentations, written reports, and final Senior Project.

341

AP GOVERNMENT

Advanced Placement

Grade 12
2 semesters

Prerequisites: A minimum grade of a 90% in United States History II Honors or an 85% in AP US History, as well as departmental approval through the completion of the AP Intent form.

Course: This course gives students an analytical perspective on government and politics in the United States. It studies both the general concepts used to interpret US politics as well as analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute US politics. The course covers: constitutional underpinnings of the US government, political beliefs and behaviors, political parties, interest groups, mass media, institutions of national government and public policy.

Requirements: Textbook and outside readings, tests, quizzes, research projects, oral

presentations, written reports, and commitment to the work associated with an AP course.

352

AP WORLD HISTORY

Advanced Placement

Grade 12

2 semesters

Prerequisites: A minimum grade of 90% in United States History II Honors or an 85% in AP US History. Departmental approval via completed AP Intent Form and teacher recommendations. Eligible students must have a good attendance record.

Course: In AP World History students investigate significant events, individuals, developments, and processes in six historical periods from approximately 8000 B.C.E. to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; making historical comparisons; utilizing reasoning about contextualization, causation, and continuity and change over time; and developing historical arguments. The course provides five themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures.

Requirements: Tests, quizzes, daily homework, class participation, outside reading. Students must take the AP exam and are responsible for the AP exam fee.

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 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.

COURSES:

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.

025 **LIFE SCIENCE** Grade 8
2 semesters

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.

511 **BIOLOGY I** Grade 9
Honors 2 semesters

Prerequisites: Incoming students will be leveled according to the entrance exam. Current AWHHS 8th grade students must have departmental approval and a minimum grade of 90% in Life Science.

Course: The purpose of this course is to help students become aware of their place in the environment by an in-depth study of evolution, biochemistry and energetic, genetics and cell reproduction, animal systems and ecology.

514 **BIOLOGY I** Grade 9
Accelerated 2 semesters

Prerequisites: Incoming students will be leveled according to the entrance exam. Current AWHHS 8th grade students must have departmental approval and a minimum grade of 85% in Life Science.

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: Departmental approval and a minimum grade of 85% in Biology Honors or a 90% in Biology Accelerated.

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

Accelerated

Grade 10

2 semesters

Prerequisites: Departmental approval and a minimum grade of 80% in Biology Accelerated or 85% in Biology College Prep.

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

College Preparatory

Grade 10

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

Honors

Grade 11 & 12

2 semesters

Prerequisites: Departmental approval and a minimum grade of 85% in Chemistry Honors or a 90% in Chemistry Accelerated. Must be taking either precalculus or Algebra 2/Trig Honors.

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

Accelerated

Grade 11 & 12

2 semesters

Prerequisites: Departmental approval and a minimum grade of 80% in Chemistry Accelerated or 85% in Chemistry College Prep. Must be enrolled in Algebra 2 Accelerated or higher.

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.

533

PHYSICS I

College Preparatory

Grade 11 & 12

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.

541

AP BIOLOGY

Advanced Placement

Grade 11 & 12

2 semesters

Prerequisites: Departmental approval and a minimum grade of 90% Biology Honors and/or Chemistry Honors. **NOTE:** Failure to complete summer work may result in dismissal from the course.

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 and are responsible for the AP exam fee.

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

551

ANATOMY AND PHYSIOLOGY

Honors

Grades 11 & 12

2 semesters

Prerequisites: Departmental approval and a minimum grade of 85% in Biology Honors and/or Chemistry Honors or minimum grade of 90% in Biology Accelerated and/or Chemistry Accelerated.

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.

542

ANATOMY AND PHYSIOLOGY

Accelerated

Grades 11 & 12

2 semesters

Prerequisites: Departmental approval and a minimum grade of 80% in Biology Accelerated and/or Chemistry Accelerated or minimum grade of 85% in Biology College Prep and/or Chemistry College Prep.

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

Grades 11 & 12

Prerequisites: Departmental approval and a minimum grade of 90% in Biology Honors, Chemistry Honors, and/or Physics Honors or a minimum grade of 85% in AP Biology or AP Physics 1.

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**
Advanced PlacementGrades 11 & 12
2 semesters

Prerequisites: Departmental approval and a minimum grade of 90% in Chemistry Honors or 85% in Physics I Honors. Must be enrolled or have completed Precalculus (Honors or Accelerated) and/or Algebra 2/Trig Honors.

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.

530**PHYSICS II AP**
Advanced PlacementGrade 12
2 semesters

Prerequisites: Departmental approval and a minimum grade of 90% in Physics Honors or an 85% in Physics I AP. Must be enrolled in precalculus or higher.

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.

544**AP ENVIRONMENTAL SCIENCE**

Grade 12

Prerequisites: Departmental approval and a minimum grade of 85% in Physics I Honors or an 80% in AP Biology, AP Chemistry, or AP Physics.

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**

Honors

Grade 12
2 semesters

Prerequisites: Departmental approval and a minimum grade of 85% in Physics I Honors or a 90% in Physics I Accelerated or successful completion of AP Biology or AP Chemistry.

Course: This course follows the Quincy College curriculum for the college course *Introduction to Environmental Studies* using the college textbook. The first semester is a 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**

Accelerated

Grade 12
2 semesters

Prerequisites: Departmental approval and a minimum grade of 80% in Chemistry Accelerated and/or Physics Accelerated OR an 85% in Chemistry College Prep and/or Physics College Prep.

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.

545

ENVIRONMENTAL SCIENCE

College Preparatory

Grade 12
2 semesters

Prerequisites: Departmental approval and successful completion of biology and chemistry.

Course: This Science Exploration course is an examination of the science of environmental problems, processes, and solutions. Students will explore the interrelationships of the natural world, the environment, and impacts from humans. Specific topics will include land, air, and water pollution; biodiversity; global climate change; energy; public health; and sustainability.

Requirements: Projects and labs may require activities outside of the school day.

550

FORENSIC SCIENCE

Honors

Grade 12
2 semesters

Prerequisites: Department approval and a minimum grade of 90% in Physics I Accelerated or an 85% in Physics I Honors or successful completion of AP Biology, AP Chemistry, or AP Physics.

Course: Honors 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 introduce the science behind crime detection as students are responsible to use scientific and legal terminology within assignments. Students will be challenged with topics such as evidence collection, fingerprinting, DNA analysis, document analysis, forensic entomology, blood typing and spattering, trajectories (for ballistics as well as blood spattering) comparative anatomy, chemical analysis of drugs, poisons, and trace evidence following the dynamics of Physics. Students will learn about the careers involved

with Forensic Science and will play mock roles as experts in the field to solve crimes. The students will all be given the tools to interpret data and techniques involved for both chemical and biological analysis of evidence.

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

552

FORENSIC SCIENCE

College Preparatory

Grade 12
2 semesters

Prerequisites: Departmental approval and successful completion of biology and chemistry.

Course: College Preparatory 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 introduce the science behind crime detection and is designed to challenge students with topics such as fingerprinting, DNA analysis, document analysis, forensic entomology, blood typing and spattering, trajectories (for ballistics as well as blood spattering) comparative anatomy, chemical analysis of drugs, poisons, and trace evidence following the dynamics of Physics. Students will learn about the careers involved with Forensic Science and will play mock roles as experts in the field to solve crimes. The students will all be given the tools to interpret data and techniques involved for both chemical and biological analysis of evidence.

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

FOREIGN LANGUAGE DEPARTMENT

GOALS:

To affect 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;

Nightly homework, oral practice and participation in class activities are required.

<u>617</u>	<u>FRENCH I</u>	Grade 8 & 9
	Honors	2 semesters
<u>618</u>	Accelerated	

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. Oral practice and study of daily lessons are crucial to developing proficiency.

<u>613</u>	<u>FRENCH I</u>	Grade 8 & 9
	College Preparatory	2 semesters

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. Oral practice and study of daily lessons are crucial to developing proficiency.

<u>621</u>	<u>FRENCH II</u>	Grades 8, 9 & 10
	Honors	2 semesters

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

Accelerated

Grades 9 & 10

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

College Preparatory

Grades 9 & 10

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.

631

FRENCH III

Honors

Grades 9, 10 & 11

2 semesters

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, focus on the speaking skill, and continues the study of French Culture. This intensive course, conducted completely in French, focuses 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.

633

FRENCH III

College Preparatory

Grade 9, 10 & 11

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, focuses 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.

641

FRENCH IV

Honors

Accelerated

Grades 10, 11, & 12

2 semesters

642

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.

651

FRENCH V

Honors

Grade 11 & 12

2 semesters

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.

<u>614</u>	<u>SPANISH I</u>	Grade 9
	Honors	2 semesters
<u>612</u>	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, per evening, will be required. There will be periodic quizzes, tests, compositions and oral presentations.

<u>616</u>	<u>SPANISH I</u>	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, per evening, will be required. There will be periodic quizzes, tests, compositions, and oral presentations.

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. There will be periodic quizzes, tests, compositions, and oral presentations.

635

SPANISH III

Accelerated

Grades 10 & 11

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. There are periodic quizzes, tests, compositions and oral presentations.

636

SPANISH III

College Preparatory

Grades 10 & 11

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, per evening, will be required. There are periodic tests, quizzes and projects.

644

SPANISH IV

Honors

Grades 11 & 12

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

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, per evening, will be required.

Advanced Placement Spanish and French courses are available for select students through the Virtual High School Program. Please refer to page 74 for requirements.

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 the aspects of human activity including as—
 - a means of self-expression,
 - a means of communication,
 - a part of the social and cultural development of humankind,
 - a science,

- 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.

COURSES IN VISUAL ARTS:

<u>721</u>	<u>ART I</u> Honors	Grades 10, 11 & 12 2 semesters
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Prerequisites: None

Course: This is an introductory course for students to explore various art materials and media. Students will learn the elements of art and the principles of design. Students will create 2D, 3D and digital projects.

Requirements: An average of one and one-half hours will be spent on outside work each week. Students must maintain a strong attendance record.

<u>731</u>	<u>ART II</u> Honors	Grades 11 & 12 2 semesters
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Prerequisites: The successful completion of Art I.

Course: This course should be considered as a continuation of the Art I course. Students will apply their drawing skills and color theory knowledge from Art I into large scale, long term projects. This course will largely be independent projects and require self motivation.

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.

<u>741</u>	<u>ART III</u> Honors	Grade 12 2 semesters
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Prerequisites: The successful completion of Art II and departmental approval.

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: 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.

718 **PHOTOGRAPHY AND MEDIA** Grade 10, 11 & 12
Accelerated 2 semesters

Prerequisites: None

Course: This course is designed for students who have an interest in photography and video. Students will gain a basic background in taking photos, composing photos and video manipulation. Students will be required to take photos and videos at school events. This is a project-based course and much outside work will be necessary as outside work will translate to class work.

733 **INTRODUCTION TO DIGITAL ARTS** Grade 9
Accelerated 2 semesters

Prerequisites: None

Course: This course will build off of the foundations from the 8th grade Art, Music and Technology course. The course will be broken down into sections based upon computer application. Starting with Web design and development, students will create a website which will become their portfolio showcasing the work they do for the rest of the year. The course will focus on photo manipulation, logo design and video editing as well as an introduction to programming and 3D modeling.

Requirements: Participation, class work, homework, projects, and mid-year and final exam projects.

734 **DIGITAL DESIGN** Grade 12
Accelerated 2 semesters

Prerequisites: None

Course: The objective of this course is to introduce students into various digital art applications and the potential careers in the digital arts field.

Students will learn which application is best to solve a variety of problems. The course will be broken down into sections based upon computer application. Starting with web design and development, students will create a website which will become their portfolio showcasing the work they do for the rest of the year. This course will focus on 3D modeling, animation and interactive design. By the end of the year students will have a variety of work for a digital art portfolio.

Requirements: Participation, class work, homework, projects, and mid-year and final exam projects.

752 **ART AND ENGINEERING** Grade 11& 12
Accelerated 2 semesters

Prerequisites: None

Course: This course will look at various engineering topics with a visual design emphasis. The main mediums will be 3D modeling and JAVA programming.

Students will learn to model structures on the computer and then build their designs to scale. This will include modeling and constructing the set for the Theater program. Visual programming topics will range from fractal patterns to physics simulations.

753 **MEDIA ARTS** Grades 10, 11 & 12
Accelerated 2 semesters

Prerequisites: None

Course: This hands-on project-based course will explore graphic design, typography, illustration, photography and animation. Students will be required to purchase a sketchbook (9x12”), sharpie, pen, pencil and the following apps for the ipad: Illustrator Draw, Photoshop Express, etc. and a stylus pen. After successful completion of this course students will be able to create logos, illustrations, posters, animations and customize photos. This course will be both conceptual and technically driven so students can apply fundamental design knowledge and technical skill to solve design problems.

Possible opportunities: Field trip to Suffolk College of Art and Design.

COURSES IN PERFORMING ARTS:

029 **MUSIC 8** Grades 8
2 semesters

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

<u>714</u>	<u>THEATRE ARTS I</u>	Grades 9 & 10
<u>713</u>	<u>THEATRE ARTS II</u> Accelerated	Grades 10-12 2 semesters

Prerequisites: Theatre Arts I has no pre-requisites. Theatre Arts II requires successful completion of Theatre Arts I and department approval.

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.

<u>728</u>	<u>ENSEMBLE I H: WHAT'S THAT SOUND!</u>	Grades 10,11 & 12
<u>722</u>	<u>ENSEMBLE II H: WHAT'S THAT SOUND!</u>	2 semesters
<u>719</u>	<u>ENSEMBLE III H: WHAT'S THAT SOUND!</u>	

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.

<u>724</u>	<u>CHORUS I HONORS</u>	Grades 10, 11, and 12
<u>725</u>	<u>CHORUS II HONORS</u>	2 semesters
<u>726</u>	<u>CHORUS III HONORS</u>	

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

various types of memory builders (acronyms, acrostics, songs, rhymes...) to remember information.

008

SKILLS 8

Grade 8
2 Semesters

Course: This course 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 greater appreciation and a greater foundation in the Fine Arts

813

SKILLS 9

Grade 9
2 Semesters

Course: The Grade 9 Skills course focuses on the development of practical skills that can be used in classes across the curriculum, and as a preparation for college level work. Key topics include technology – Apple and Microsoft Suites, and Socrative and Quizlet apps; skills in reading, writing, speaking, listening, presenting and critical thinking; library research skills with an emphasis on using database sources; practice in the use of MLA format for writing a term paper; repetitive practice with common grammatical issues. Work in all of these areas is meant to complement curriculum subjects and improve students' ability to succeed academically.

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

COURSES IN PHYSICAL EDUCATION:

<u>020</u>	<u>PHYSICAL EDUCATION 7</u>	Grades 7 & 8
<u>030</u>	<u>PHYSICAL EDUCATION 8</u>	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 Grade 9
(full year with Phys. Ed. And Study Skills)

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.

GUIDANCE DEPARTMENT

FRESHMAN GUIDANCE

Grade 9

Freshmen will meet with their Guidance Counselor in small groups during the first term. Among topics covered will be adjustment to high school, learning styles, organization, time management, establishing good study habits, and understanding and preparing for exams.

SOPHOMORE GUIDANCE

Grade 10

The sophomores will meet with their Guidance Counselors in small groups. Students will establish their individual Naviance accounts, and begin their career exploration and complete a Career Survey using the Naviance Program. Students will review their Naviance account and discuss possible future plans with their counselor.

JUNIOR GUIDANCE

Grade 11

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 College Board 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. AWHHS is a Test Center for the SAT in the fall and spring and for the ACT in the fall. 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 SAT and ACT websites

(www.collegeboard.org and www.actstudent.org) Links to these sites are also on the schools website under Guidance.

ADJUSTMENT COUNSELOR

Our Adjustment Counselor serves all grades seven through twelve. The Adjustment Counselor is available to address the impact various stressors may have on a student's ability to function in our school setting. In addition to individual and small group counseling, the adjustment counselor's duties include responsive services, such as crisis prevention and intervention. The Adjustment Counselor also teaches wellness classes. In the 7th, 8th and 9th grades, Wellness integrates with Skills classes to present on topics such as: stress management and self care, bullying, depression and suicide prevention, social media use, healthy relationships, and addictions. In the 10th, 11th and 12th grades, Wellness integrates with the Theology department to present on stress management and self-care, and depression and suicide prevention. The Adjustment Counselor also consults with the school nurse, parents, teachers, administration, and other professionals to discuss a student's progress and help address and resolve any mental health concerns. Appropriate levels of confidentiality will be observed at all times.

VIRTUAL HIGH SCHOOL

1100

VIRTUAL HIGH SCHOOL

Grades 11&12

Collaborative Online Learning

2 semesters

Prerequisites: Self-motivation, ability to learn independently, some computer literacy, time management skills, effective written communication skills, willingness to try new things, interest in taking an online course, completion of an application form, approval of Guidance Office, Department Chair, and Assistant Principal.

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 AWHHS. Courses are offered in all subject areas. Prospective students should visit the VHS website at **www.courses.vhslearning.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 AWHHS 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 AWHHS.

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 library 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

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 4/1/2018.

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.

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)

Prerequisites: Students must be in good academic standing and have excellent writing and organizational skills. Applicants will be reviewed by the Fine Arts Chair, Assistant Principal, and Principal.

Course: In this internship students will work closely with the Fine Arts Chair assisting with all aspects of the drama ensemble. The interns will assist with all aspects of the fall and spring shows, excluding selection of shows to be performed. This will include but is not limited to:

- Maintaining email list and student contracts
- Be responsible for posting to the AWHs Theater ensemble twitter
- Planning rehearsal schedule
- Measuring cast for costumes
- Maintaining the costume room in the main building – inventory
- Taking attendance at rehearsals, including tech
- Organizing dinners for tech week and parent volunteers for show night

- Creating the programs
- Keeping track of paperwork relating to each show
- Communication between cast and directors