

Bishop Walsh School

Cumberland Maryland

Course Catalog

Edited March 27, 2019

High School Level

Course Numbers

000	Religion
100	English
200	Social Studies
300	Science
400	Foreign Language
500	Math
600	Computer Science/Business
700	Fine Arts
800	Music
900	Physical Education

INTRODUCTION

This publication is offered to acquaint students and parents at the middle and high levels with the academic offerings at Bishop Walsh School. Students and parents are urged to read the material carefully in order to make intelligent, realistic, informed decisions. Once the course selection sheet is completed and the parent's signature is affixed, the student's schedule will be completed and it will be difficult to make any changes. The privilege of selecting courses should not be taken lightly or for granted.

The philosophy of Bishop Walsh School includes decision-making by students as one of its goals. In turn, the student has a responsibility to live with the decision he/she makes. This process should not be a capricious one. It is important that course selection be made with a responsible amount of input from those qualified to assist. Each of the following persons plays an integral role in course selection:

The student must evaluate honestly personal abilities and potential, aptitudes and achievements, needs and interests.

Parents should engage the student in a frank discussion on the previous considerations in order to reach a collective decision that will best serve the child's educational welfare.

Teachers, past and present, are good sources of advice since they have witnessed firsthand the scholastic performance of the student. Teachers of courses being considered know the academic demands of these courses and the level of performance expected of the student.

The Guidance Counselor is well-informed about the general college and career requirements necessary to attain specific goals.

THE PROGRAM OF STUDIES

An examination of this guide will reveal a variety of courses which, when studied in the approved sequence, will introduce the student to the foundations of Western Culture. This liberal arts program of studies best prepares the student to think critically, to grow both intellectually and spiritually, and to pursue particular interests.

The Middle School program centers on a traditional schedule and prepares the student for the High School program.

In high school, both the freshman and sophomore year are prescribed in order to provide a firm foundation in the sciences, the humanities, religion, and a variety of skill areas. Some degree of individualization of the academic program is made to accommodate differences in ability levels. The firm foundation that is built during the first two years of study at the high school level gives the student the basis for making choices about his/her academic program in the following years.

The student, with guidance from home and school, can elect a number of courses in addition to the required courses in the junior and senior years. This choice allows the student to pursue a program of studies that best addresses his/her abilities, interests, and future plans. The progression from a highly prescribed program of study to a program which allows for individual interests and natural curiosity gradually introduces the student to the need for planning, accurate self-assessment, and responsibility.

Withdrawal from a scheduled course is allowed only in rare cases. If a student withdraws from a course before the first three weeks, the course is not recorded on the permanent record. A later withdrawal may result in a failing grade in the course which will appear on the permanent record.

ACADEMIC REQUIREMENTS

All **Freshmen** are assigned

ONE EACH FROM

Religion
English
Mathematics
Science
Social Studies
Foreign Language

ONE ELECTIVE – Physical Education/Health is suggested

All **Sophomores** are assigned

ONE EACH FROM

Religion
English
Mathematics
Science
Social Studies
Foreign Language

ONE ELECTIVE – Fine Arts suggested

All **Juniors** are assigned

ONE EACH FROM

Religion
English
Foreign Language
Mathematics
Social Studies
Science

ONE ELECTIVE – Computers suggested

All **Seniors** must select courses that total six credits or seven classes.

ONE EACH FROM

Religion
English
Mathematics

FOUR FROM AMONG

Computers
English
Fine Arts
Foreign Language
Science
Social Studies
Physical Education

GRADUATION REQUIREMENTS

In accordance with the requirements established by the State of Maryland Department of Education and those determined by the Administration of Bishop Walsh School, a diploma is awarded to Bishop Walsh School students for the successful completion of the prescribed course of studies. To obtain a Bishop Walsh diploma, a student must acquire a minimum of 24 credits. Determination of a unit of credit is based on the satisfactory completion of course work and the number of hours of instruction established by the school administration. The following time requirement shall be used in determining a unit of credit: 1 credit is equal to 120 clock hours of instruction. ***Bishop Walsh does not allow for early graduation.*** We require four years of course work at the High School level.

Minimum requirements are as follows:

4.00	credits	Religion (one for each year in attendance at BW) Residency Requirement
4.00	credits	English Residency Requirement
3.00	credits	Social Studies (Civilizations of the World, American Government, US History)
4.00	credits	Mathematics (2 in Algebra, 1 Geometry, Pre-Calculus or Statistics)
5.00	credits	Mathematics (2 in Algebra, 1 Geometry, Pre-Calculus, Calculus or Statistics) – Student begins Math sequence in the 8 th grade.
3.00	credits	Lab-based Sciences (one of which must be biology)
2.00	credits	same Foreign Language – beginning with class of 2014
1.00	credits	Technology Education
1.00	credits	Fine Arts
1.00	credits	Physical Education/Health
2.00	credits	Electives

ACADEMIC INFORMATION

The Program of Studies lists the courses that are offered. In the high school, some of these are offered on an alternate pattern. Courses are listed by academic department and each department has developed a variety of required and elective courses.

The Phase System

Phase 1 - Courses are designed for students who need emphasis on the skills of the course.

Phase 2 - Courses are designed for students who need moderate emphasis on the basic skills of the courses. These courses are college preparatory.

Phase 3 - Courses are designed for students whose command of the basic skills enables them to pursue a more detailed study of the course material. These courses are Honors level.

Phase 4 - These courses are Advanced Placement and taking of the national exam is mandatory.

Grade Point Average

The grade point average is calculated by dividing the total number of grade points earned by the number of courses attempted. The present grading system and the grade point assignment is:

Grading System		Grade Point Assignment
A+	100 - 98	4.0
A	97 - 93	4.0
B+	92 - 90	3.5
B	89 - 85	3.0
C+	84 - 80	2.5
C	79 - 75	2.0
D+	74 - 73	1.5
D	72 - 70	1.0
F	Below 70	0

Class Rank and Quality Points

Class rank is determined by assigning a “weighted” value to each course according to its phase. Greater “weight” is assigned to the higher phase levels. Class rank is determined by dividing the total weighted grades by the total number of courses taken.

Weighted Values

Grade		Phase 4	Phase 3	Phases 1 & 2
A+	100 - 98	4.50	4.25	4.00
A	97 - 93	4.25	4.00	3.75
B+	92 - 90	4.00	3.75	3.50
B	89 - 85	3.50	3.25	3.00
C+	84 - 80	3.00	2.75	2.50
C	79 - 75	2.50	2.25	2.00
D+	74 - 73	2.00	1.75	1.50
D	72 - 70	1.50	1.25	1.00

HONOR ROLL

The Honor Roll is determined by grade point average; the phase level of the course is not considered. The grade is meant to indicate whether or not the student is working to his or her ability level. Students may achieve

PRINCIPAL’S HONORS - the student’s quarter grades are all 93% or higher.

FIRST HONORS - the student’s Grade Point Average for the quarter is 3.5 and no grade is lower than 85%.

SECOND HONORS - the student’s Grade Point Average for the quarter is 3.0 and no grade lower than 80%.

General Information

All students, including juniors and seniors, are required to take courses that total a minimum of six credits or seven classes each year.

High School Level Courses in Science and Math taken in the Eighth Grade

Students who achieve a final grade of 93% or higher at the end of the seventh grade in mathematics and science and whose standardized test scores have been consistent with this rating may be advanced to the high school level in Algebra I and Science. This placement requires the approval of the parents and certain standards must be met in order to continue in these courses. The courses must be successfully completed in order to receive academic credit. This student will be required to complete five years of Math.

Advanced Placement Courses

The Advanced Placement Program has been developed by the College Board to provide high school students with a selection of college level courses for which they may gain advanced placement or credit in college. These courses are special, college level learning experiences that are offered over an academic year. They are challenging, stimulating, and compared to other high school courses, take more time, require more work, and provide a greater depth of study in the subject area.

Enrollment in these courses is highly selective and each department will carefully screen those students who wish to select an AP course. **Students who enroll in an AP course are required to take the AP examination which is administered in May of each year. No student should take more than 3 AP Courses in a year.**

College Level Courses

Students who earn 21 or more credits by the end of the Junior year may be approved for a college level course at Allegany College of Maryland or Frostburg State University on the following conditions:

The student's grades at Bishop Walsh have been consistent with their potential as reflected in standardized testing.

The timing of the courses(s) chosen does not interfere with courses that are required to be taken at Bishop Walsh.

The same or similar course is not already available at Bishop Walsh.

Course Cancellation

The administration reserves the right to cancel any course due to insufficient enrollment.

Course Change Policy

Students may revise their schedules free of charge during the period indicated by the Administration. After that time, there will be a \$50.00 change of course fee applied to any parent/student-initiated changes. This does not include the addition of a course that is recommended.

THE MIDDLE SCHOOL

The Middle School years are a time of rapid growth in young people. Educational, social, and athletic skills develop rapidly. In the religious realm, questions of faith and practice arise. The patterns that prove successful with elementary aged children are no longer productive with the middle school student.

At Bishop Walsh, we try to provide a climate in which the developing middle school student will have the support of caring professionals, the limits of traditional schedule, homework expectations, and guidelines for proper behavior. With the opportunities provided in the sphere of academics and also student activities, students are enabled to test their evolving potential against a backdrop of solid educational programs. One of the greatest challenges to a child at this age is social development.

MIDDLE SCHOOL PROGRAM OF STUDIES

Religion

In all three years of the Middle School Religion program, a family life program is included to help students grow in greater appreciation for family and friends as the center of love and trust in their lives. The program will help them to view their lives and all human life as a blessing from God.

062 Sixth Grade Religion

This course endeavors to highlight the major developments, themes, and personalities of the Hebrew Scriptures. In an effort to make the course as meaningful as possible to the students, an introduction to human growth and development is presented at the beginning of the course. The study of the people and lands of the Hebrew Scriptures follow this. The course concludes with a look at Israel today. Prayer services and special activities punctuate the course.

072 Seventh Grade Religion

The Christian Scriptures are studied in this course. Christ's life is used as an example to help students develop a positive self-image, integrity, and respect for others. Knowledge of basic Catholic doctrine is reinforced. An understanding of and appreciation for the Mass is provided.

082 Eighth Grade Religion

The history of the church is studied. This includes the development of Church doctrine, and methods of worship and prayer. Throughout the course emphasis is placed on people who had strong influences on the Church growth from apostolic times to the present day. Also included in this program is a study of how to develop healthy relationships within the family, and with the community at large.

English

The English Program recognizes the emerging self-reliance of students giving them an opportunity to become skilled thinkers, good writers, and effective communicators.

162 172 182 English - Language Arts

The elements of composition and the fundamentals of grammar are covered in depth so that students develop understanding. The spelling component familiarizes the students with list words and their basic meaning. It endeavors to make every student a good speller with three different levels of activities in each lesson: Practice the words, Build Word Power, Reach Out for New Words. It also provides meaningful application that integrates other Language Arts skills. In the literature segment of the program, the students read age-appropriate selections. The students are introduced to the basic elements of literature. The works of authors from around the world provide the students with examples of fiction, non-fiction, drama, and poetry. The course assists the students in making the transition from the traditional elementary reading series to a secondary literature program.

Social Studies

262 Sixth Grade Social Studies

The geography, history, and cultures of the world are explored beginning with the Western Hemisphere and ending with the Eastern Hemisphere.

272 Seventh Grade Social Studies

American History is studied through the first Americans and Exploration through the Mexican War and the 1850's.

282 Eighth Grade Social Studies

Surveying American History from Pre-Civil War through the 20th Century is the major emphasis of 8th Grade Social Studies. Along with a background in the historical, political, and social developments of the time, map skills and concepts of economics and sociology are further developed.

Science

Lab Fee Applies

362 Sixth Grade Science

The sixth-grade science program focuses on Earth/Space Science. Topics include outer space, the Milky Way galaxy, our solar system, earth's atmosphere, weather, climate, waters, rocks, and internal structures.

372 Seventh Grade Science

The seventh-grade program focuses on Life Science. Topics include plants, invertebrates, vertebrates, protists, human anatomy, genetics, evolutionary thought, the biosphere, and ecology. Lab Fee Applies

313 PreAP Physical Science

Phase 3

Year

1 credit

8th grade only

A hands-on approach to Physical Science and Chemistry. Students will be using equipment that will also be used in Chemistry. This course requires the application of knowledge gained from lab work and the text. Some mathematical and formula manipulation is required. Students learn to work cooperatively with lab partners. Students will be given direction and basic math skills development. Lab Fee Applies

Prerequisite: Departmental recommendation

382 Eighth Grade Physical Science

The eighth-grade program provides a general basis for future course work in science. Topics include general scientific process, introductory chemistry, introductory physics, introductory geology, introductory biology, and introductory ecology.

Foreign Language

464 Introduction to Spanish

In the sixth grade, each student is introduced to the study of Spanish for a trimester. During the seventh and eighth grades years, the student will study the Spanish language more in depth.

474/484 Middle School Spanish

During the seventh and eighth grades, the students will concentrate on the Spanish language. Classes will meet on a semester basis and will concentrate on speaking and listening skills as well as the cultural aspects of the language. In preparation for high school language, middle school language is offered as a regular academic class. At the end of eighth grade, students will take a proficiency test to determine their placement (Phase II or III) in the high school language program.

Mathematics

562 Sixth Grade Mathematics

The sixth-grade course focuses on problem solving. The course will further assist the student in maintaining acquired skills dealing with whole numbers, decimals, and fractions. Estimation, approximation, and using mathematics to predict are included. Measurement and geometry are presented.

572 Seventh Grade Mathematics

The seventh-grade program extends the sixth-grade work. Percent and integers are introduced. Problem solving is stressed.

513 Algebra I

Phase 3

Year

1 credit

8th grade only

This course focuses on the study of elementary algebra with emphasis on all of the implications of the distributive law. Students will become familiarized with the use of variables and their use in polynomial and rational expressions. Students learning will be on a more abstract level and will involve complex equations and graphing as well as the solution of inequalities. More stress is placed on problem solving techniques.

Prerequisite: Department recommendation

582 Eighth Grade Mathematics

In the eighth-grade program, skills development continues. Emphasis is placed on solving equations and inequalities.

Computer Education

662 Sixth Grade Computer

This is an introductory keyboarding course that teaches the student touch type method of typing. Emphasis is on technique and accuracy. Students will learn to type the alphabet, numbers, punctuation, and symbols using correct fingering and spacing. The formatting of letters, reports, tables and other forms of correspondence are taught as well as a 10-key number pad unit.

576 Seventh Grade Computers

586 Eighth Grade Computers

In each grade students are introduced to and instructed in basic computer knowledge and the operation of word processing, spreadsheet, and presentation software. Eighth grade students will learn advanced features to solve problems and develop projects using word processing, spreadsheet, and presentation software. Students use the available software packages in the school's lab. Internet basics are also covered and explored.

Art

762 Sixth Grade Art

The program in the sixth-grade deals with symmetry, contours, design, composition, and pattern.

772 Seventh Grade Art

Seventh grade students study composition, color, drawing and pattern.

782 Eighth Grade Art

The eighth-grade studies value, composition, drawing, and perspective.

Music

862 Instrumental Music Grade 6

872 Instrumental Music Grade 7

882 Instrumental Music Grade 8

The Instrumental Music program is designed for those who are interested in playing a musical instrument and participating in the band. Instructions are available and no previous instruction is necessary. Music classes meet during the regularly scheduled school day.

Physical Education

962 Sixth Grade Physical Education

972 Seventh Grade Physical Education

982 Eighth Grade Physical Education

Middle School students are taught the skills and rules for playing individual and team sports. Conditioning is done in each class. Among the team sports presented are soccer, basketball, volleyball, and softball.

HIGH SCHOOL PROGRAM OF STUDIES

Religion Department

Requirement: *One credit per year of attendance at Bishop Walsh*

012	Christian Becoming	Phase 2	Year	1 Credit	Freshmen/Sophomores/Juniors
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This yearlong course will develop four major themes: Belief, Liturgy and Sacraments, Christian Morality, and Christian Prayer. It is a required course for all freshmen. In the unit on Belief students will explore the Catholic doctrines presented in the Nicene Creed, and their significance in our daily lives. In the unit on Liturgy and Sacraments, students will develop an appreciation of why participation in the Liturgy and the Sacraments of the Church is so important in God's plan. The unit on Morality will include consideration of the principles of the Ten Commandments and the Beatitudes, along with adolescent development, values clarification, and Christian Values for person and society. Finally, in the unit on Christian Prayer, students will explore the variety of ways people develop a personal relationship with God.

022	Scripture	Phase 2	Year	1 Credit	Freshmen/Sophomores/Juniors
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This is a course whose focus is the recorded Revelation of the Hebrew and Christian Scriptures. Literary, historical, form, and redaction criticism are considered to the extent that they can help to make the reading of the scriptures more meaningful for the students. Students are involved in discussion and prayers centered on the scripture and are expected to learn the explanatory material presented.

032 Morality	Phase 2	Year	½ Credit	Freshmen/Sophomores/Juniors
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Ethical and moral issues of both a personal and a societal nature will be covered in this course. The study will entail an investigation of the relationship of freedom and responsibility and law and conscience. Emphasis will be placed on the moral teaching of Jesus with application of Christian moral principles to specific areas of life.

042 Prayer, Faith and Sacraments	Phase 2	Sem	½Credit	Freshmen/Sophomores/Juniors
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This course seeks to examine from a faith perspective, how God reveals Himself through prayer and the sacraments. The course will explore various styles of prayer and forms of worship. Emphasis will be placed on the seven sacraments of Baptism, Confirmation, Eucharist, Reconciliation, Anointing of the Sick, Holy Orders and Matrimony. The course is designed to enable the student to develop a rich prayer life and lead him/her to more meaningful worship in the community.

Note: This sequence begins with the 2019-2020 school year and will rotate on a three-year schedule. All freshmen, sophomores and juniors will take Morality and Prayer, Faith, & Sacraments for the 2019-2020 school year. The following year, they will take Scripture. The year after that, they will take Christian Becoming.

052 Christian Lifestyles	Phase 2	Sem	½ Credit	Seniors
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This course is designed to aid students in facing the challenges of young adulthood so that they can shape a future that is hopeful, healthy, and full. The belief that underlies this course is, quite properly, that a Christian Lifestyle is the optimal way to grow and to be fully alive.

062 Social Justice	Phase 2	Sem	½ Credit	Seniors
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A timely study of the justice message of the Scriptures and of the Catholic Church's tradition in social justice. The course will focus on current issues such as violence, poverty, hunger, racism, and peacemaking with some presentation of the latest church documents on these issues. The course is designed to challenge the students to examine their lives in light of the Gospel.

072 Student Assistant in Campus Ministry

English Department

Requirements: A minimum of 4 credits or 8 semester courses, one course each semester.

111 English Language Development I	Phase 1	Year	1 Credit	Freshmen
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This course is designed for students reading one or more levels below grade level. This course will cover the grade level English requirements through the use of textbooks and materials with a reading level comparable to the levels of members of the class. Writing and vocabulary assignments are based on assigned reading. Students will read the same types of literature as Approaches to English 112 except that the reading level will match that of the student. Emphasis will be placed on reading comprehension, vocabulary, and increasing reading speed. Basic skills in English will be reviewed using a grammar text with an easier reading level. Students will be tested at the end of the year and will be moved to the next level at the end of the year if their reading levels and skill levels have increased to their grade level. Requirement for all students who are English Language Learners

112 College Prep Approaches to English	Phase 2	Year	1 Credit	Freshmen
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This freshman course includes the study of various types of literature including fiction (short stories and novels), nonfiction (biography, autobiography, and memoir), poetry, and drama written by a variety of authors. There is emphasis on mechanics, grammar, usage, and vocabulary, as well as writing about literature and personal experiences.

113 Honors Approaches to English	Phase 3	Year	1 Credit	Freshmen
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This course covers basically the same literature as Course 112, but it is designed for freshman students whose skills allow them to complete a more in-depth study of both literature and writing.

121 English Language Development II	Phase 1	Year	1 Credit	Sophomore
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This course is designed for students reading one or more levels below grade level. This is a continuation of Course 111. The material covered is similar to that described in Course 111 and will emphasize the development of the same skills. Students will be tested at the end of the semester and year and will be moved to the next level at the end of the year if their reading levels have increased to their grade level. Requirement for all students who are English Language Learners

122 College Prep American Literature	Phase 2	Year	1 Credit	So/Jr/Sr
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This course is a survey of literature from the very earliest Americans (Native Americans and Pilgrims) to modern times. Mechanics, grammar, usage, and vocabulary will be emphasized as students develop their writing skills. A research paper is required.

123 Honors American Literature	Phase 3	Year	1 Credit	So/Jr/Sr
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This course covers all of the topics listed above for Course 122. However, it is designed for students who have above average skills in writing and reading comprehension, so expectations are higher in classroom discussion and on tests and writing assignments.

132 College Prep British Language and Literature	Phase 2	Year	1 Credit	So/Jr/Sr
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This course provides students of average ability in reading and writing skills with the historical development of English literature and language. Students will read examples of fiction, nonfiction, poetry, and drama beginning with the Anglo-Saxon period and continuing to modern times. Mechanics, grammar, usage, and vocabulary will be emphasized as students continue to develop their writing skills. A research paper is required.

133 Honors British Language and Literature	Phase 3	Year	1Credit	So/Jr/Sr
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This course covers all of the topics listed above for Course 132. However, it is designed for students who have above average skills in reading comprehension and writing. Therefore, a more in-depth study of literature is presented, and expectations are higher on both written assignments and tests.

142/143 College Prep/Honors Contemporary Literature	Phase 2/3	Year	1 Credit	So/Jr/Sr
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In this course for sophomores, juniors, and seniors, we will explore contemporary issues through the study of a variety of literary genres including memoir, poetry, dystopian fiction, drama, and non-fiction published since World War II. Students also will create a portfolio of written work comprised of each of the genres studied.

Note: This sequence begins with the 2019-2020 school year and will rotate on a three-year schedule. All sophomores, juniors, and seniors will take Contemporary Literature for the 2019-2020 school year. The following year, they will take American Literature. The year after that, they will take British Literature.

144 Advanced Placement English Literature and Composition	Phase 4	Year	1 Credit	Seniors
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This course enables students to become skilled readers of prose and poetry as well as to become skilled writers. Students will read a variety of literature selections, including short stories, novels, essays, poems, and plays. Discussions, assessments, and activities provide students with opportunities to use critical thinking skills and be prepared for college work.

Prerequisites:

- An average of A in English courses (the majority of which must have been phase 3)
- At least a B average in any previous English A.P. course
- Approval by current English teacher
- Approval by English Department Chair

Requirements for successful completion:

1. The student must take the course for the entire year.
2. The student must take the English Literature and Composition Advanced Placement examination in the Spring.

151 English as a Second Language	Phase 1	Year	1 credit
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English language learners are students from a language background other than English. The purpose of this course is to enable students whose first language is not English to fluently comprehend, read, write, and communicate in the English language. Special emphasis is placed on assisting students in learning the academic language needed to succeed in High School Level courses and to enable them to make a seamless transition into an all English language environment.

154 Advanced Placement English Language and Composition	Phase 4	Year	1 Credit	Jr/Sr
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AP English Language and Composition is a course where the focus is on rhetoric. While promoting writing in many contexts for a variety of purposes, the English Language course is a place where nonfiction texts and contexts take center stage. Students will think deeply about language as a persuasive tool and about the dynamic relationship of writer, context, audience, and argument.

Prerequisites:

- An average of A in English courses (the majority of which must have been phase 3)
- At least a B average in any previous English A.P. course
- Approval by current English teacher
- Approval by English Department Chair

Requirements for successful completion:

1. The student must take the course for the entire year.
2. The student must take the English Language and Composition Advanced Placement examination in the Spring.

172 Yearbook & Communications	Phase 2	Year	1 credit	Jr/Sr
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This communication class is not a substitute for the required English course. This course is designed to teach the skills necessary to produce the school yearbook, which offers a complete record of an entire school year. The year begins by planning the coverage for the school year and designing a unifying theme for the book. Students will study magazine journalism including layout and design techniques, writing and editing copy, headlines and picture captions. This course provides the study of and practice in gathering and analyzing information, interviewing, note taking and photography. Students will learn strategies of planning, marketing (ad sales) and distribution of the yearbook. Students will learn proofing strategies and work independently with photographers. At times, deadlines require that staff members work after school, on weekends, and holidays. Students will learn good work habits and are responsible for all phases of yearbook publication. *Prerequisite: A minimum of a B in English.*

164 Speech 101 - Speech Communication I	phase 4	3 college credits	Sem	Jr/Sr
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Dual enrollment course at ACM, see end of catalog for description

Social Studies Department

Requirements: A minimum of 3 credits: Civilizations of the World (1 year); United States History (1 year); United States Government (1 year).

212 College Prep Civilizations of the World	Phase 2	Year	1 Credit	Freshmen
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Students will explore the history of mankind in every continent, starting with the prehistoric era. Emphasis will be placed upon the skills of writing, speaking, mapmaking, and analysis of people, events, and trends. Students will see the current world in light of past events and indicators for the future.

213 Honors Civilizations of the World	Phase 3	Year	1 Credit	Freshmen
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This course will cover the same basic material as 212 but with greater emphasis upon writing, research, and analysis. Students will participate in Bishop Walsh History Day in the spring.

222 College Prep United States History	Phase 2	Year	1 Credit	So/Jr
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This course is offered in odd-even years.

This course is a general study of the people who lived and settled in North America, with emphasis on the people who lived and worked in the English colonies, fought for independence, built a new nation, fought wars to preserve it, and marched into the twentieth century to face the challenges of a world power. This course will place greater emphasis on writing skills, research and oral reports. There will also be a field trip to Gettysburg, Pennsylvania.

223 Honors United States History **Phase 3** **Year** **1 Credit** **So/Jr**

*This course is offered in **odd-even** years.*

While covering the basic topics in Course 222, this course will delve more deeply into trends and ideologies in American History. More extensive research, mapwork, and essay writing will be required. A field trip to Gettysburg, Pennsylvania is included.

232 College Prep United States Government **Phase 2** **Year** **1 Credit** **So/Jr**

*This course is offered in **even-odd** years.*

This course will be a comprehensive look at our national, state, and local governments. Particular emphasis will be placed on their interaction with each other and with the citizenry. Material will involve both historical and current developments. The class will travel to Washington, D.C. to observe the federal government in action. This course will place greater emphasis upon writing skills, along with research, oral reports and panel discussions.

233 Honors United States Government **Phase 3** **Year** **1 Credit** **So/Jr**

*This course is offered in **even-odd** years.*

This course will be a comprehensive look at our national, state, and local governments, with particular emphasis on their interdependence. The interaction of these levels of government with the citizenry will be discussed in depth. Strong emphasis will be placed upon correlating current issues and laws within the governmental framework. The class will travel to Washington, D.C. to observe the federal government in action. The latter part of the course will incorporate the study of comparative governments, with special emphasis on the governments of communism, socialism, and parliamentary democracy.

242 Psychology **Phase 2** **Year** **1 Credit** **Jr/Sr**

This course is a study of the major concepts and theories in psychology. Students are given the opportunity to learn basic skills in psychological research, develop critical thinking skills, and apply psychological concepts to their own lives. Topics include history of psychology, sensation and perception, memory, learning, and intelligence. This course covers additional topics in psychology including developmental psychology, personality, abnormal psychology, and social psychology.

254 Advanced Placement United States History **Phase 4** **Year** **1 Credit** **So/Jr/Sr**

*This course is offered in **odd-even** years.*

This is a survey course of United States History from colonial times through the modern era. There will be a systematic study of the diplomatic, economic, and social history of the United States. The student will do directed background reading and research. Papers and book reports will be required throughout the course. Oral and written examinations will be given.

Prerequisites:

- an average of A or better in Social Studies courses (the majority of which must have been phase 3)
- Freshmen must have a grade of 95 in current Social Studies class.
- at least a B average in any previous Social Studies A.P. course
- approval by Social Studies Department Chair and previous Soc. St. teachers

Requirements for successful completion:

1. The student must take the course for the entire year.
2. The student must take the United States History Advanced Placement examination in the Spring.

264 Advanced Placement Political Science/American Government **Phase 4** **Year** **1 Credit** **So/Jr/Sr**

*This course is offered in **even-odd** years*

This course involves both the study of general concepts used to interpret United States politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that make up the American political reality. The specific topics addressed include: Constitutional background, political beliefs and behaviors, political parties and interest groups, and civil rights and liberties.

Prerequisites:

- an average of A or better in Social Studies courses (the majority of which must have been phase 3)
- Freshmen must have a grade of 95 in current Social Studies class.
- at least a B average in any previous Social Studies A.P. course
- approval by Social Studies Department Chair and previous Social Studies Teachers

Requirements for Successful Completion:

1. The student must take the course for the entire year.
2. The student must take the Advanced Placement Political Science/American Government exam in the Spring.

284 Advanced Placement Psychology Phase 4 1 credit Jr/Sr

The course is designed to introduce the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

Prerequisites:

- An average of A in phase 3 social studies courses or biology or a B average in AP Biology
- At least a B average in any AP Social Studies course
- Approval by the social studies department chair and previous social studies teacher

Requirements for Successful Completion:

1. The student must take the course for the entire year.
2. The student must take the Advanced Placement Psychology exam in the Spring.

274 Sociology 101 - Introduction to Sociology phase 4 3 college credits Sem Jr/Sr

Dual enrollment course at ACM, see end of catalog for description

Science Department

Requirements: A minimum of three credits in lab-based courses, one of which is Biology.

302 College Prep Earth Science Phase 2 Year 1 Credit Fr/So/Jr/Sr

Earth science is an interdisciplinary subject that uses chemistry, biology, and physics to explain processes on Earth and in our solar system. Taking earth science may inspire students to pursue a career in GIS, remote sensing, civil engineering, geology, soils, hydrology, oceanography, climatology, or astronomy. Earth science will also help students understand, and avoid, natural disasters that threaten our health and property. This lab-based course will augment topics using physical or digital models to explain processes and inquiry-based projects. Lab Fee Applies

322 College Prep Biology Phase 2 Year 1 Credit Fr/So

An overview of the nature of science, living organisms, ecology, animal and plant maintenance, reproduction and development, and genetics. Laboratory work will consist of microscope and dissection activities. Emphasis is placed on organization, vocabulary, and synthesis skills.

Prerequisite: Lab science or department recommendation. **Lab Fee Applies**

323 Honors Biology Phase 3 Year 1 Credit Fr/So

A college preparatory course surveying the scientific method, ecology, classification, animal and plant maintenance, reproduction and development and genetics. Laboratory work will consist of microscope and dissection activities. Group research and presentations are required. Special emphasis is placed on critical and creative thinking and problem-solving skills.

Prerequisite: Eighth grade Physical or Lab Science minimum grade of B. **Lab Fee Applies**

332 College Prep Chemistry Phase 2 Year 1 Credit So/Jr/Sr

333 Honors Chemistry Phase 3 Year 1 Credit So/Jr/Sr

Honors Chemistry is offered to students who enjoy chemistry or who are considering further studies in the fields of physical and life sciences as future career choices. It is designed to provide students background for the AP Chemistry course. Problem solving is emphasized. Everyday applications of chemistry make theory practical. Personal safety in classroom and laboratory for students and teachers is well practiced. Topics covered deal with measurement, matter and energy, structure of the atom, formulas of compounds, chemical equations, stoichiometry, behavior of gases, electron configurations, the periodic table, chemical bonding, solution concentration, chemical kinetics and equilibrium, acid-base reactions reduction and oxidation chemistry, and some organic chemistry.

Prerequisite: Minimum grade of B in College Prep Biology, Algebra I **Lab Fee Applies**

373 Honors Physics Phase 3 Year 1 Credit Jr/Sr

This course involves the study of one-dimensional, two-dimensional, and rotational kinematics (motion) and dynamics, light, optics, energy, electricity, and magnetism, accompanied by appropriate experiments. There will be great emphasis on problem-solving using algebra, geometry and trigonometry.

Prerequisites: College Prep Biology, College Prep Chemistry, Algebra II, and Geometry

Pre or Co-requisite: Precalculus.

352 College Prep Ecology Phase 2 Year 1 Credit Jr/Sr

This course is an introduction to the complex relationships between living organisms and each other and between living organisms and their environment. Students will also learn concepts in population dynamics and species/habitat conservation and will gain an understanding of the impact of human activities on the natural world. This course incorporates a strong field component. Students are highly encouraged to participate in the Envirothon contest.

Prerequisites: Biology, Chemistry, Algebra II

354 Advanced Placement Chemistry Phase 4 Year 1 Credit/Jr/Sr Lab Fee Applies

The course will cover an in-depth study of stoichiometry, thermo chemistry, atomic structure, bonding, chemical kinetics, equilibrium, electro chemistry and organic chemistry. (Double period class)

Prerequisite: Approval by the department, minimum of an A in Honors Chemistry, currently enrolled in at least Pre-Calculus

Requirements for successful completion:

1. The student must take the course for the entire year.
2. The student must take the Chemistry Advanced Placement examination in the Spring.

362 Science Lab Assistant

364 Advanced Placement Biology Phase 4 Year 1 Credit So/Jr/ Sr Lab Fee Applies

A college Biology course presenting an in-depth study of 10 major biological themes which are: Evolution, Energy Transformation, Genetic Continuity and Change, Information Flow, Unity in Diversity, Structure and Function, Development, Homeostasis, Cycling and Science as Process. Extensive lab work is required. There is a required field trip in the Spring. (Double period class)

Prerequisites:

- minimum grade of A in honors biology
- Department approval

Requirements for successful completion:

1. The student must take the course for the entire year.
2. The student must take the Biology Advanced Placement examination in the Spring.

374 AP Environmental Science Phase 4 1 credit Jr/Sr

A college Environmental Science course presenting a broad study of major college departments including geology, biology, environmental studies, environmental science, chemistry, and geography. The AP Environmental science class includes the following topics: Earth Processes, population, land and water use, energy resources, pollution, and global change. This class includes a lab component.

Prerequisites:

- 93 or higher in Honors Biology and Honors Chemistry
- Approval of science teacher

Requirements for successful completion:

1. The student must take the course for the entire year.
2. The student must take the Environmental Science Advanced Placement examination in the Spring.

Foreign Language Department

Requirements: 2 credits in the same modern foreign language.

462/463 College Prep/Honors Spanish I Phase 2/3 Year 1 Credit Freshmen

This course is both communication-based and grammar-based in its approach. All four skills are stressed in the classroom instruction: listening, speaking, reading, and writing. The language is taught in the cultural context of both Spain and Latin America. Video and computer software that complement curricular topics are used as part of the coursework.

472/473 College Prep/Honors Spanish II Phase 2/3 Year 1 Credit Sophomores

Building on the foundation of structure and vocabulary mastered in the first year of study, the course provides additional opportunity toward proficiency in Spanish. Further study of structure and culture is included as well as consistent practice of previously mastered material. Specific emphasis is placed on the skill of reading in Spanish. Students will use video excerpts and computer software that complement curricular topics.

Prerequisite: Successful completion of Spanish I

482/483 College Prep/Honors Spanish III Phase 2/3 Year 1 Credit Jr/Sr

This course strengthens basic listening, speaking, reading, and writing skills in Spanish. Additional emphasis is placed on reading and listening skills. A focus is made on speaking exercises and conversation through a variety of medium and will enable students to participate actively in the communication process.

493	Honors Spanish IV	Phase 3	Year	1 Credit	Jr/Sr
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Prerequisites: Teacher recommendation; successful completion of Spanish III; student contract to speak Spanish in class.

*Requirements: A minimum of 4 credits: 2 in Algebra, 1 in Geometry, 1 in Pre-Calculus or Statistics
8th Grade Students who complete Algebra I need a minimum of 5 credits. 2 in Algebra, 1 in Geometry, Pre-Calculus,
and Calculus or Statistics.*

This course is similar in content to Course 512. Problem solving and repetition play a major part in this course. Emphasis is placed on the practical use of algebra.

Prerequisite: Department recommendation

This course deals with Geometry from the applied point of view. It deals mostly with practical uses such as areas, volumes, and the like. It will consider calculations both by hand and with computational devices as applied to different figures and solids. It will tend to emphasize more of the hands-on approach than the theoretical one.

This course introduces students to the power of reasoning and logic through the study of basic Euclidean geometry. Students are exposed to both the traditional geometrical thinking which has long been a part of our culture as well as the applications which are a part of our contemporary lives with tie-ins such as Cartesian coordinates and computer graphics. Topics vary from the theoretical in proving theorems to the practical of constructions and the calculation of areas and volumes.

This course is a more advanced version of Course 522. It consists of studying each of the topics from the point of view of proof, construction, and practical problems. More geometric figures are analyzed in detail. Problems deal with both the abstract and concrete applications.

This course continues the Algebra I program. Quadratics, other polynomials, rational functions and graphing are topics covered in this course. Emphasis is placed on Factoring and problem solving.

This course extends the items studied in Course 512 to higher degree equations. Quadratics, other polynomials, rational functions, the use of exponents and graphs are stressed. Techniques of factoring and solving with computational devices are studied and compared.

After a review of basic algebra, this course moves to study open sentences in one and two variables as well as their graphs. Besides polynomials and rational functions, these same techniques are applied to other functions as well as to the complex plane. Students

will be expected to learn both traditional and electronic methods of solving and graphing equations and a heavy emphasis is placed on problem solving.

Prerequisite: Algebra I

542 Consumer Finance Phase 2 Year 1 Credit Sr

Consumer Finance is a full year elective designed for students who are interested in a course designed to develop and reinforce the applications of mathematics in today's society. Students will investigate topics such as earning money, buying food, shopping, managing a household, buying and maintaining a car, traveling, budgeting, banking and investing, paying taxes, and preparing for careers. The goal of this course is to guide students in building a strong foundation in logical thinking and problem solving that will enable them to make good decisions in their daily lives.

553 Honors Statistics Phase 3 Year 1 Credit Jr/Sr

This is an introductory course in statistics. Semester 1 involves a detailed study of the following: collection, organization, and graphical representation of data, data description using measures of central tendency (mean, median, mode), probability and counting rules, and confidence intervals. Semester 2 involves more in-depth analysis of data, centered on hypothesis testing. Analysis will be done on mean, proportion, variance, and standard deviation for single samples and two samples (both independent and dependent), correlation and regression analysis, and chi-square tests for goodness-of-fit, normality, independence, and homogeneity.

Prerequisite: Algebra II (phase 3) or Pre-calculus

554 Advanced Placement Statistics Phase 4 Year 1 Credit Jr/Sr

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inference.

Prerequisites:

- *A average in all Math classes*
- *And/or permission of the Math Department*

Requirements for successful completion:

- *The student must take the course for the entire year.*
- *The student must take the Statistics Advanced Placement examination in the Spring.*

563 Honors PreCalculus Phase 3 Year 1 Credit Jr/Sr

This course includes the structure of the real number system and various functions having the real numbers as their domain. Trigonometric, logarithmic and exponential functions are stressed as well as linear programming, continuity, and the binomial theorem. The class focuses on uses of these in problem solving and graphical analysis.

Prerequisite: Algebra II, phase 3 minimum grade of B.

573 Calculus Phase 3 Year 1 Credit Senior

This course includes coverage of both differential and integral calculus. Emphasis is on the applied rather than the theoretical. Graphing calculators are utilized as appropriate.

584 Advanced Placement Calculus Phase 4 Year 1 Credit Senior

This course covers the syllabus published by the College Board and includes the study of limits, derivatives, and integrals of rational and transcendental functions. The course is split evenly between theory and applications. The class conforms to the requirements of the ETS exam in using the graphing calculator as an integral part of the class. Class is a double period one day a week.

Prerequisites:

- *pre-calculus*
- *A average in all other Math classes*
- *And/or permission of the Math Department Chair*

Requirements for successful completion:

1. *The student must take the course for the entire year.*
2. *The student must take the Calculus Advanced Placement examination in the Spring.*

564 Mathematics 102 - College Algebra phase 4 3 college credits Sem Jr/Sr

Dual enrollment course at ACM, see description at end of catalog

Computer Science

Requirement: 1 credit in a technology course

602 Computer Applications	Phase 2	Sem	½ Credit	Fr/So/Jr/Sr
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The goal of the course is to provide the student with skills, support and practice necessary to become computer literate. The specific skills and competencies required to master programs in Microsoft Office 2010. Word, Excel, PowerPoint, Publisher, and Access will be covered throughout the semester.

673 Digital Design	Phase 3	Sem	½ credit	Fr/So/Jr/Sr
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This course will provide students with the opportunity to use state-of-the-art technology to create digital graphics for in-house publications and to design professional websites. Students will use Photoshop for the digital designing and Dreamweaver for web designing.

664 Computer Technology 101 – Computer Literacy	phase 4	3 college credits	Sem	Jr/Sr
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Dual enrollment course through ACM, see description at end of catalog

Fine Arts Department

Art

Requirement: 1 credit in Fine Arts

701 Student Assistant in Art

712 Art Foundations	Phase 2	Semester	½ Credit
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Students will be introduced to the basic elements and principles of Art and design with emphasis on improving drawing skills, and understanding use of color and composition. Primary focus will be in two-dimensional media such as painting and drawing. Master artworks from a variety of periods and styles will be used in context with studio projects to enhance student perspective of the meaning and function of Visual Arts. Art Fee Applies

722 Fundamentals of 3D Design	Phase 2	Semester	½ Credit
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Students will be introduced to basic elements and principles of art and design with emphasis on three-dimensional formats. Line, shape, form, and space will be explored through techniques of modeling, carving, assembling and molding. Students will practice drawing as a visualization and planning tool. The work of sculptors, designers, and architects from a variety of styles and periods will be studied in context with the students' design projects. This course is recommended for students who have an interest in careers in architecture, landscape, interior, environmental, or industrial design, sculpture or crafts. Art Fee Applies

732 Exploration in Crafts Media	Phase 2	Semester	½ Credit
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This course will introduce the students to the use of a variety of media and the historical perspective of crafts. The media may include but are not limited to the following: clay, fiber arts, batik, weaving, jewelry production, and basketry. Design and decoration of finished objects will be stressed, along with the mastery of the materials. Art Fee Applies

763 Advanced Art	Phase 3	Sem	½ Credit	Jr/Sr
702 Independent Study Art	Phase 3	Sem	½ Credit	Jr/Sr

A directed study course for advanced art students including those who may wish to prepare a portfolio for college admission and scholarship competition. Individual students will work closely with the instructor to plan and execute challenging art works using media and methods of choice. Emphasis will be on developing and showcasing skills. Students will be expected to explore issues of self-expression and meaning by creating art work as well as responding to the work of fellow students and master artists. Students will be expected to prepare art work for exhibition and portfolio presentation. This class may be repeated with permission of instructor. Art Fee Applies

Prerequisites: Successful completion of Art Foundations or Fundamentals of 3D Design and permission of instructor. Students who enter these courses are selected by the Department Head. The student must have previous art experience, usually a year or more of study, where they have earned above a 95%. The student must be able to work well independently.

Music

Requirement: 1 credit in Fine Arts

812 Instrumental Music/Band I (Homeroom)	Phase 2	Year	½ Credit	Fr/So/Jr/Sr
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This course is designed to institute a discipline and awareness in the area of instrumental music and to develop the musical talents of those enrolled. The students learn the basics of playing their particular instruments and the playing of those instruments in the ensemble. The course strives to create an atmosphere of good musicianship, high standards of performance, and provides a wide range of performance situations for the students. Students enrolled in this course must participate in a performing ensemble.

822 Exploratory Music	Phase 2	Year	1 Credit	Fr/So/Jr/Sr
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Exploratory Music is a course designed to introduce high school students to music by building on the elementary and middle school curricula. This course will include, but is not limited to, the reading, writing, and history of music from its inception to current times. Exploratory music may include elements of performing and composing music in a variety of instrumental and technological media.

Physical Education Department

Requirements: 1 credit in Physical Education/ Health

902 Health I	Phase 2	Sem	½ Credit	Fr/So/Jr/Sr
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Study units will include mental, social, environment, and community related health as well as human development, nutrition and fitness, substance abuse, prevention of disease and first aid.

912 Physical Education/Health I	Phase 2	Year	1 Credit	Fr/So/Jr/Sr
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This required course attempts to involve students in an organized and structured system of physical and mental exercises for both individual, dual and team sports. A variety of activities include competitive and team sports as well as physical fitness and conditioning, weight training, game activities, etc. In the Health segment of the course, study units will include mental, social, environment, and community related health as well as human development, nutrition and fitness, substance abuse, prevention of disease and first aid.

932 Physical Education II	Phase 2	Year	1 Credit	Jr/Sr
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This course offers instruction in the fundamentals of basketball. Emphasis is placed upon the development and improvement of skill and general knowledge about basketball. Weight training and conditioning will also be covered.

942 Practical Assistantship in Athletics	Phase 2	Sem ½ cr. or Year 1 cr	Jr/Sr
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This course is offered to students interested in learning more about the athletic program and serving its needs. Activities will encompass a wide range, including clerical duties, field and gymnasium preparation, inventory, statistics, light maintenance, and many other duties as needed by the athletic director and his assistant. Creative ideas from the students to enhance the athletic program will be encouraged. Maximum enrollment per semester will be five students.

Allegany College of Maryland – Dual Enrollment Courses

664 Computer Technology 101 – Computer Literacy	phase 4	3 college credits	Sem	Jr/Sr
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Students will acquire and/or demonstrate proficiency understanding basic computer terminology, using basic operating system features, e-mail, Internet, word processing, spreadsheet, database and presentation software. This course requires the use of software that students will either be required to purchase or the students will have to use the designated campus labs.

274 Sociology 101 - Introduction to Sociology	phase 4	3 college credits	Sem	Jr/Sr
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A basic course in sociology. Overview of principles of sociology using empirical knowledge and the application of the scientific method. Review of basic principles of social interaction, social roles, organization, processes, stratification, social change, group dynamics, and valuation.

164 Speech 101 - Speech Communication I	phase 4	3 college credits	Sem	Jr/Sr
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A survey course incorporating intrapersonal, interpersonal, and public speaking. A student will acquire theory and develop skills in interviewing, small group discussion, and informative/persuasive speaking.

564 Mathematics 102 - College Algebra	phase 4	3 college credits	Sem	Jr/Sr
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This course includes the study and applications of functions including Polynomial, Rational, Exponential, Logarithmic, Logistic, Trigonometric, Parametric and Inverse functions. Applications of systems of equations, inequalities and matrices will also be covered. This course focuses on the importance of thinking, problem solving and application and requires that students engage in solving realistic problems using technological tools. Prerequisite: Appropriate Placement Assessment score

