

**MONSIGNOR KELLY
CATHOLIC HIGH
SCHOOL
BEAUMONT, TEXAS**



2023 - 2024

Course Description Guide



MONSIGNOR KELLY CATHOLIC HIGH SCHOOL

Graduation Plans

All students must take Math, Science, English, Social Studies and Theology every year.

Subject	Recommended Plan Required Credits	Distinguished Plan Required Credits
Theology	4	4
English	4	4
Communication Applications	0.5	0.5
Mathematics	4	4
Science	4	4
Social Studies	3.5	3.5
Economics	0.5	0.5
Physical Ed.	1.5	1.5
Technology	1	1
Foreign Language	2	3
Fine Arts	1	1
Electives	2	1
Totals	28	28

The Distinguished Plan also requires the completion of *any* 4 of the following requirements:

- Scores of 3 on AP Tests
- College Courses – GPA of 3.0 or better
- A Score on the PSAT that qualifies as a Commended Scholar or Higher

ADVANCED COURSE EXPECTATIONS:

AP(Advanced Placement) and Pre-AP courses are the honors level courses. Course placement is determined by a combination of testing, teacher recommendations, and cumulative academic performance of the student. Students are expected to maintain at least a 70 average; failure may cause a student to be moved to the college prep course level. Courses will remain in place after the first day of class until the semester changes except under unexpected circumstances which will be handled on a case by case basis in collaboration with the student, the parents, the teacher, and the administration. Students will receive an additional GPA point for these courses.



LAMAR INSTITUTE OF TECHNOLOGY DUAL CREDIT COURSES

Dual Credit is a program that allows our students to apply for and enroll in college courses for credit prior to high school graduation.

Lamar Institute of Technology in Beaumont is beginning a new partnership with us this year to provide courses to our students on our campus and online. These credits are accepted at many universities on a case-by-case basis; it is the responsibility of the student to check with his or her college admissions officer as to if courses will transfer for the desired major of study.

Students must be TSI A2 Exempt to enroll.

Students will receive an additional GPA point for these courses.

10th, 11th, 12th Grade Electives:

HUMA 1315 Fine Arts Appreciation
PHIL 1301 Introduction to Philosophy
PSYC 2301 General Psychology
SOCIO 1301 Introduction to Sociology
SPCH 1315 Public Speaking

11th Grade Core Classes:

ENGL 1301 Composition I
ENGL 1302 Composition II
HIST 1301 US History I
HIST 1302 US History II

12th Grade Core Classes:

ECON 2301 Principles of Macroeconomics
GOVT 2305 US Government
ENGL 2321 British Literature
ENGL 2326 American Literature

*NO OTHER COLLEGE COURSES WILL BE PLACED ON THE KELLY TRANSCRIPT NOR AWARDED CREDIT TOWARD GRADUATION.



MONSIGNOR KELLY
CATHOLIC HIGH SCHOOL

Sample Four Year Plans

Advanced Options Are Available Pending Placement Testing

9th Grade Courses

1. English I
2. Algebra or Geometry
3. Biology
4. World Civilizations I
5. Theology I
6. Foreign Language I
7. Speech/Fine Art
8. PE/PE

11th Grade Courses

1. American Literature
2. Algebra II or PreCalculus
3. Physics
4. United States History
5. Theology III
6. Foreign Language III or Elective
7. Elective
8. Elective

10th Grade Courses

1. English II
2. Geometry or Algebra II
3. Chemistry
4. World Civilizations II
5. Theology II
6. Foreign Language II
7. Intro to Computer Science
8. Fine Art/PE

12th Grade Courses

1. British Literature
2. PreCalculus or Math Elective
3. Science Elective
4. Government/Economics
5. Theology IV/Theology Elective
6. Foreign Language IV or Elective
7. Elective
8. Elective

It is highly recommended that students begin researching college majors and degree plans before making senior year course selections. College admissions advisors can answer questions about recommended courses of study in order to best prepare students for admission to their degree program of choice.



2023-2024

Scheduling Notes

Students will make course requests with the counselor during individual spring conferences. Parents are able to attend virtually, via telephone conference, or in person with a pre scheduled appointment.

Mrs. Wulf, Director of Counseling, BWulf@mkchs.com

- Course requests determine the master schedule; therefore, course offerings are subject to change.
- The counselor will contact you to make another choice if a course is closed.
- Students will be scheduled into advanced courses according to placement test results, achievement tests, report card grades, and/or teacher recommendations.
- Tentative course lists will be sent out in May for review. Schedule Change Requests & Course Placement Override Requests may be submitted for consideration on our Google Forms located on the Student Community Section of the school website. These requests are *not guaranteed*.
- Once official schedules are distributed in August, course schedule changes are dependent upon course availability and are *not guaranteed*.
- Courses will remain in place after the first day of class until the semester changes except under unexpected circumstances which will be handled on a case by case basis in collaboration with the student, the parents, the teacher and the administration.

THEOLOGY

THEOLOGY I

(1 credit) Grade Placement 9

Semester 1: Revelation of Jesus in Scripture (Scriptural Theology) Textbook: *The Revelation and the Old Testament*.- The purpose of this course is to give students a general knowledge and appreciation of Sacred Scripture. Through their study of the Bible they will come to encounter the living Word of God. In this course they will learn about the Holy Bible, authored by God through Inspiration, and its value to people throughout the world.

Semester 2: Who is Jesus Christ: (Scriptural Theology) Textbook: *Jesus Christ and the New Testament* - The purpose of this course is to introduce students to the mystery of Jesus Christ, the living Word of God, the Second Person of the Blessed Trinity. In this course students will understand that Jesus Christ is the ultimate Revelation to us from God. In learning about who he is, the students will also learn who he calls them to be.

THEOLOGY II

(1 credit) Grade Placement 10

Semester 1: The Mission of Jesus (Paschal Mystery): Textbook: *The Paschal Mystery and the Gospels* is the first-semester, tenth-grade course in the Live Jesus in Our Hearts series. Its purpose is to lead students toward a deeper understanding of the Paschal Mystery, Jesus Christ's work of salvation accomplished through His Passion, death, Resurrection, and Ascension.

Semester 2: Sacraments as Privileged Encounters with Jesus (Sacramental Theology): Textbook: *Sacraments and God's Grace*. The purpose of this course is to help students understand that they can encounter the living Jesus today in a full and real way in and through the sacraments, and especially through the Eucharist. Students will examine each of the sacraments in detail so as to learn how they may encounter Christ throughout life. In order to assist families, Confirmation preparation will be part of the framework for this year.

THEOLOGY III

(1 credit) Grade Placement 11

Semester 1: Jesus' Mission Continues in the Church (Ecclesiology) Textbook: *The Church Foundations and Mission*- Students will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by him through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today. This Body has both divine and human elements.

Semester 2: Life in Jesus (Moral Theology) Textbook: *Morality and God's Love* - The purpose of this course is to help students understand that it is only through Christ that they can fully live out God's plans for their lives. Students are to learn the moral concepts and precepts that govern the lives of Christ's disciples.

THEOLOGY IV

(½ credit) Grade Placement 12

Semester 1: Catholic Social Teaching (Social Justice): Textbook: Ave Maria Press *Foundations of Catholic Social Teaching Living as a Disciple of Christ*

The purpose of this course is to introduce students to the Church's social teaching as understood through scripture, church documents and the numerous examples of holy men and women throughout history. In this course, students are to learn how Christ's concern for others, especially the poor and needy, is present today in the Church's social teaching and mission. A research project is a major component of this course.

Semester 2: Spring Senior Electives Seniors are given a choice between studying a continuation of Sacred Scripture or Ecumenical and Inter-religious Issues

Sacred Scripture Study Textbook Ave Maria Press *Sacred Scripture A Catholic Study of God's Word*

(½ credit)

This semester course will provide an in-depth exploration of selected books from the New Testament. Possible books for study: The book of Revelations and Paul's Letters. This class will emphasize student-led discussions and apply the biblical message to our daily lives.

Ecumenical and Inter-religious Issues Textbook: *Religions A Voyage of Discovery*

(½ credit)

This course helps the students understand the manner in which the Catholic Church relates to non-Catholic Christians as well as to other religions of the world. This course recognizes the ways in which important spiritual truths can also be found in non-Catholic Christian churches and ecclesial communities as well as in non-Christian religions. The students examine commonalities and differences in the religions.

ENGLISH

****Summer reading required for all English courses****

ENGLISH 1

(1 credit) Grade Placement 9

Prerequisite: None

This course is designed to review basic grammar concepts and to reinforce and extend the student's ability to follow the conventions of standard English usage. It reinforces the skills necessary for strong paragraph composition and development and offers an extensive introduction to writing the multi-paragraph essay with emphasis on reading for research and formal literary analysis. The class introduces students to the study of all forms of literature and to the specialized vocabulary and techniques used to create and analyze literary works. Students are

introduced to the concept of literary genres and provided practice in appreciation and interpretation.

ENGLISH 1 PRE-AP

(1 credit) Grade Placement 9

Prerequisite: High School Placement Test

This course is intended for the student who has demonstrated a mastery of the elements of grammar and usage, an exceptionally high level of reading comprehension, a facility for clear and organized written expression, and the maturity to deal with the high demands of the course and the more challenging nature of its reading and writing assignments. There is an emphasis on reading for research and using sources responsibly to synthesize new ideas. The English 1 Pre-AP student, like the English 1 student, reads widely in several genres and is introduced to the characteristics unique to each genre. Emphasis is placed on works at the core of Western literature and on formal analytical essays written to interpret works of fiction. The student in English 1 Pre-AP will read some of the same works as those in English 1 but will encounter greater expectations of speed and depth of analysis and skill in written expression.

ENGLISH 2

(1 credit) Grade Placement 10

Prerequisite: English 1

English 2 is designed to develop further the critical thinking and writing skills learned in English 1. Students will produce writing in the four major modes of discourse: narration, description, persuasion, and exposition, with emphasis on expository writing. English 2 provides continued practice in the skills necessary to formulate, develop, and support a thesis in a longer paper. The literary component of English 2 is world literature, featuring a variety of works from diverse historical periods and cultures, and the course is organized around the major genres of short fiction, poetry, drama, nonfiction, and the novel. English 2 extends the understanding and application of each genre's characteristics and techniques that begin in English 1 and builds the student's ability to define and apply literary terms and theories. English 2 continues the vocabulary and grammar study begun in English 1.

ENGLISH 2 PRE-AP

(1 credit) Grade Placement 10

Prerequisite: English 1 Pre-AP (minimum 80 average for each semester) or English 1 with Department Approval

English 2 Pre-AP builds upon the foundation of reading and composition skills introduced in English 1 Pre-AP, reflecting appropriately heightened expectations for a sophomore level Pre-AP course. A principal objective is to expose students to a wide variety of National literature and to specific works in many genres which have been influential in the Western literary tradition. The course introduces skills and concepts which will be refined and expanded in AP English. The

English 2 Pre-AP student is led through the processes necessary for performing textual analysis. Instruction focuses heavily on analyzing relationships of elements within texts with the relationship between form and expression. Writing assignments vary in type, ranging from response journals to formal analytical essays to more creative or meditative writings. English 2 Pre-AP puts its heaviest emphasis in composition of the formal analytical essay. Instruction stresses the articulation of an argument and the cohesive organization of ideas used to support the argument. If the semester average is below and 70, a student will be moved to a college prep level class.

AMERICAN LITERATURE

(1 credit) Grade Placement 11

Prerequisite: English 2

American literature provides an overview of major works, themes, genres, and writers in American literature in an historical context. The course introduces students to the relationship between literary movements and historical periods and to the extent to which a writer is influenced by his times and the philosophies, literary movements, and specific writers which have preceded him. The course also explores the uniquely American qualities of the student's literary heritage. The student is asked to apply higher level literary analysis and to illustrate mastery of a wide variety of literary terms. American literature students produce a variety of writing representing the four major forms of discourse, though the focus falls most heavily on expository writing and specifically on formal literary analysis. The course continues the sequential study of vocabulary begun at the freshman level.

AP ENGLISH LANGUAGE AND COMPOSITION

(1 credit) Grade Placement 11

Prerequisite: English 2 Pre-AP (minimum 80 average for each semester) or English 2 with Department Approval

This Junior level course continues the emphasis on close reading, interpretive, and analytical skills introduced in the Pre-AP courses. Students read works from a variety of historical periods in a variety of genres, with heaviest emphasis put on the study of nonfiction and the specialized techniques of expository and persuasive writing, with special attention paid to rhetorical strategies and style analysis. Major periods, writers, and themes of American Literature are introduced, even though the analysis and application of writing techniques is the primary focus. The course is designed to prepare students for the AP English Language and Composition Exam in May. Students produce a researched argument paper. If the semester average is below a 70, a student will be moved to a college prep level class. Students are encouraged to take the AP exam in May.

BRITISH LITERATURE

(1 credit) Grade Placement 12

Prerequisite: American Literature

British Literature is an historical survey course which introduces students to major works, writers, themes, and literary movements within the context of British Literature, with special stress on major works and the impact of the British literary tradition on Western culture. Students read representative works in all genres and all periods from medieval to contemporary. Students continue to acquire and apply literary terms and concepts and to write in a variety of modes and formats, with emphasis on formal expository essays. The course continues the sequential program of vocabulary study begun freshman year.

AP ENGLISH LITERATURE AND COMPOSITION

(1 credit) Grade Placement 12

Prerequisite: AP Language and Composition (minimum 80 average for each semester) or American Literature and Department Approval

This senior level course continues the development of close reading skills begun earlier in the program. Extensive readings in the genres of fiction, poetry, and drama provide training in performing literary analysis of imaginative works. Readings are taken from a variety of historical periods and may come from any literary tradition, though greater emphasis is placed upon British works. Some background is provided in British literary history, movements, and writers, but primary emphasis is the interpretive and writing skills designed to prepare students to take the AP Exam in English Literature and Composition. Students also produce a literary research paper. If the semester average is below a 70, a student will be moved to a college prep level class. Students are encouraged to take the AP Exam in May.

MATHEMATICS

Summer work required for some courses

ALGEBRA 1

(1 credit) Grade Placement 9

Prerequisite: None

This is the traditional Algebra 1 course which develops basic skills in fundamental algebraic operations and problem solving.

ALGEBRA 1 PRE-AP

(1 credit) Grade Placement 9

Prerequisite: Math Department Placement Test

The Pre-AP Algebra 1 course is designed to deepen students' understanding of linear relationships by emphasizing patterns of change, multiple representations of functions and

equations, modeling real world scenarios with functions, and methods for finding and representing solutions of equations and inequalities. Pre-AP Algebra 1 Areas of Focus: Connections among multiple representations: Students represent mathematical concepts in a variety of forms and move fluently among the forms. Greater authenticity of applications and modeling: Students create and use mathematical models to understand and explain authentic scenarios. Engagement in mathematical argumentation: Students use evidence to craft mathematical conjectures and prove or disprove them.

GEOMETRY

(1 credit) Grade Placement 9 - 10

Prerequisite: Algebra 1

This course introduces the student to inductive and deductive reasoning by way of simple proofs. Topics covered include parallel lines, congruent triangles, parallelograms, similar polygons, the circle, areas and volumes, and coordinate geometry. Emphasis is placed on right triangle relationships, including basic trigonometry.

GEOMETRY PRE-AP

(1 credit) Grade Placement 9 – 10

Prerequisite: Algebra 1 and Math Department Placement Test or Algebra 1 PreAP (90 average each semester)

This course begins with points, lines, planes, and other basic concepts and proceeds rapidly to formal proofs. Students cover the usual topics of geometry in much more depth and are expected to prove most theorems. Three-dimensional figures are used extensively and students are expected to complete numerous deductive proofs. Students are routinely assigned problems that require them to combine multiple concepts to find a solution. If the semester average is below a 70, the student will be moved to a college prep level class.

MATHEMATICAL MODELS WITH APPLICATIONS

(1 credit) Grade Placement 10 – 11

Prerequisite: Algebra 1 and Geometry; Must be taken BEFORE Algebra 2

Math model students will review and strengthen their algebra and geometry skills. Students will use algebraic, graphical, geometric reasoning, and technology to solve problems for various real-life situations involving money, data, chance, patterns, science and statistics.

ALGEBRA 2

(1 credit) Grade Placement 10 – 11

Prerequisite: Algebra 1 and Geometry

The students will develop skills involving algebraic operations and problem solving with an emphasis on transformation of functions. Topics include a further study of equations, inequalities, functions and relations, systems of equations, rational, irrational and complex numbers, operations on polynomials and an introduction to logarithms. Additional topics covered

include irrational functions, sequences and series, counting principles, and probability.

ALGEBRA 2 PRE-AP

(1 credit) Grade Placement 10 – 11

Prerequisite: Algebra 1 and Geometry Pre AP (average of 80 each semester in both courses); Algebra 1 and Geometry (average of 95 each semester in both courses); or Department Approval.

The student is expected to master skills involving algebraic operations and problem solving. Emphasis is given to modeling real-world situations and transformation of functions. Topics include a further study of equations, inequalities, functions and relations, system of equations, the complex number system, operations on polynomials and an introduction to logarithms. Additional topics covered include irrational functions, sequences and series, counting principles, and probability. If the semester average is below a 70, the student will be moved to a college prep level class.

PRE-CALCULUS

(1 credit) Grade Placement 11 – 12

Prerequisite: Geometry and Algebra 2 (average of 80 each semester in both courses) or Department Approval; *50th percentile minimum PSAT math score strongly recommended*

This course will cover the real number system, trigonometric functions and their graphs, vectors, polynomials, rational functions, exponential and logarithmic functions, conic sections and an introduction to statistics.

AP PRECALCULUS

(1 credit) Grade Placement 11 – 12

Prerequisite: Geometry Pre-AP and Algebra 2 Pre-AP (average of 80 each semester in both courses); Geometry and Algebra 2 (average of 95 each semester in both courses); or Department Approval

This college level course allows students to earn college math credit during high school. It is designed for the student who has been successful in both Algebra and Geometry. Students will model real world data, explore multiple representations of functions and master symbolic manipulation. Successful completion of this course will prepare the student for success in AP Calculus AB/BC or a college calculus course. If the semester average is below a 70, the student will be moved to a college prep level class.

STATISTICS

(1 credit) Grade Placement 12

Prerequisite: Algebra 2 & Pre-Calculus

The purpose of statistics is to introduce the college bound student to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: 1. Exploring Data: Describing patterns and departures from patterns 2. Sampling and Experimentation: Planning and conducting a study 3. Anticipating Patterns: Exploring random phenomena using probability and simulation 4. Statistical Inference: Estimating population parameters and testing hypotheses.

AP STATISTICS

(1 credit) Grade Placement 11 or 12

Prerequisite: 11th - Concurrent enrollment in Pre-Calculus Pre-AP; 12th - Concurrent enrollment in or completion of Pre-Calculus.

The purpose of the AP course in statistics 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: 1. Exploring Data: Describing patterns and departures from patterns 2. Sampling and Experimentation: Planning and conducting a study 3. Anticipating Patterns: Exploring random phenomena using probability and simulation 4. Statistical Inference: Estimating population parameters and testing hypotheses.

CALCULUS

(1 credit) Grade Placement 12

Prerequisite: Pre-Calculus; or Pre-Calculus Pre-AP

This course is designed to introduce the college-bound student to differential and integral calculus. Successful completion of this course will give the student a head start in a college calculus course. The student will be introduced to limits, continuity, the derivative, and related topics. The graphical interpretation of the derivative is emphasized and the definite integral is associated with the sum of the areas of the regions enclosed above the x-axis and the negative of the areas below the x-axis. This course incorporates review and repetition which promotes retention of the material.

AP CALCULUS AB

(1 credit) Grade Placement 12

Prerequisite: Pre-Calculus Pre-AP (average of 85 each semester); or Pre-Calculus (average of 95 each semester) with department approval; *75th percentile PSAT/SAT math score recommended*

This is a university level course which covers the AB Calculus syllabus of the AP Program. The course is equivalent to one semester of college calculus. The syllabus covers topics in differential and integral calculus including limits, continuity, derivatives, definite and indefinite integrals and their applications. Students will be taught and tested to prepare them to take the Advanced Placement AB Calculus exam in May. Students are strongly encouraged to take the AP exam.

AP CALCULUS BC

(1 credit) Grade Placement 12

Prerequisite: Pre-Calculus Pre-AP (average of 90 each semester) with department approval; or completion of Pre-Calculus (average of 95 each semester) with department approval; *higher PSAT/SAT math score recommended*

This is a university level course which covers the AB Calculus syllabus of the AP Program. The course is equivalent to two semesters of college calculus. The syllabus covers all topics from AB Calculus (differential and integral calculus including limits, continuity, derivatives, definite and indefinite integrals and their applications). In addition, BC Calculus includes logistic growth, parametric, vector, and polar functions and sequences and series, including Taylor Polynomials and Taylor Series. Students will be taught and tested to prepare them to take the Advanced Placement BC Calculus exam in May. Students are strongly encouraged to take the AP exam.

SCIENCE

****Summer work required for some courses****

BIOLOGY I

(1 credit) Grade Placement 9

Prerequisite: None

This Biology course is a first-year course in biology at the high school level. The course emphasizes a multi-representational approach to biological science, with scientific concepts and laboratory assignments being expressed graphically, analytically, and verbally. Biology focuses on the study of life by examining the five fundamental concepts of cellular biology, genetics, ecology, evolution and physiology. It highlights the relationship between structure and function of living organisms. Science as a process and the scientific method are stressed. Students investigate and detail the interactions among the vast number of organisms that inhabit planet Earth. The curriculum presents the basic form and function of these organisms, from cells to organ systems, from simple bacteria to complex humans. The impact of humans and technology on the natural environment and health are also studied.

BIOLOGY PRE-AP

(1 credit) Grade Placement 9

Prerequisite: High School Placement Test

This is an intensive course for above-average, highly motivated students, emphasizing a molecular approach to the study of biological themes which include: evolution, diversity of type and unity of pattern; genetic continuity; complementarity of organism and environment; behavior, complementarity of structure and function; regulation and homeostasis; and science as

an approach to inquiry.

AP BIOLOGY

(1 credit) Grade Placement 11-12

Prerequisite: Biology Pre-AP (80 average each semester) AND Chemistry (85 average each semester)/Pre-AP Chemistry (80 average each semester); and Department Approval

AP Biology is a course designed to be the equivalent of a college freshman level general biology course. Also, the course is designed around the four Big Ideas of Biology as set forth by the College Board and is designed to help prepare a student to take the AP Biology Exam at the end of the year. This is an accelerated course and emphasizes molecular biology and biochemical life processes a great deal. It is also a course that involves dissection to help prepare students for college level dissections as part of the laboratory section. Inquiry style labs are utilized and are lab practices and concepts that will be tested on the AP Exam.

CHEMISTRY

(1 credit) Grade Placement 10

Prerequisite: Biology 1; or Biology Pre-AP

This is a general survey course in the study of matter. Topics covered in this course include energy changes, the behavior of gasses, the mole concept, chemical equations and calculations, atomic and subatomic particles, the modern atomic theory, the periodic table, chemical bonding and acids and bases. Laboratory Investigations are a major part of this course.

CHEMISTRY PRE-AP

(1 credit) Grade Placement 10

Prerequisite: Biology Pre-AP (80 average each semester) AND Algebra 1 (90 average each semester) or Geometry (90 average each semester); and Department Approval

This course moves at a faster pace with more mathematical work than Chemistry I and requires outside, independent work. Students enrolled in this class should have demonstrated excellent Algebra skills, but no prior knowledge of Chemistry is required. The course introduces and emphasizes basic chemical theory, dimensional analysis, atomic structure, types of reactions, balancing equations, stoichiometry, and kinetic molecular theory and the states of matter. Laboratories are designed to improve observation skills and critical thinking in order to draw conclusions from those observations. This course could be considered AP Chemistry I, as the AP Chemistry course picks up where this course ends.

AP CHEMISTRY

(1 credit) Grade Placement 11-12

Prerequisite: Chemistry Pre-AP (80 average each semester); and Department Approval

This course is designed to be the equivalent of the general chemistry course usually taken during one's freshman year in college. Students taking this class should have mastered fundamental

concepts and demonstrated strong skills in Pre-AP Chemistry. The focus is an in-depth understanding of chemistry fundamentals, critical thinking and problem solving skills. Topics will include a review of the states of matter, gas laws, thermochemistry, stoichiometric relationships, chemical kinetics, chemical equilibrium and a survey of the chemical characteristics of the metal compounds along with the non-metal compounds with a significant portion of the class being devoted to laboratory activities including formal lab reports. A brief introduction to Organic Chemistry and Biochemistry is included in this course. The course follows the Big Ideas of Chemistry as outlined by the College Board and is designed to assist the student in taking and completing the AP Chemistry Exam at the end of the year. Outside independent work is expected.

PHYSICS

(1 credit) Grade Placement 11-12

Prerequisite: Biology and Chemistry

This course is a general survey course in the study of mechanics. The course focuses on mechanics, but also includes studies of the principles of light and sound. This course has an emphasis on problem solving and the practical aspects of physics as applied to everyday phenomena. Laboratory investigations are a major part of this course. The course follows the Big Ideas of Physics as outlined by the College Board and is designed to assist the student in taking and completing the AP Physics Exam at the end of the year. Outside independent work is expected.

AP PHYSICS I

(1 credit) Grade Placement 11

Prerequisite: Biology Pre-AP (80 average each semester) AND Chemistry Pre-AP (80 average each semester); and Department Approval

One dimensional, two dimensional and rotational motion will be studied as well as Newtonian Laws of motion and gravitation. Wave theory and periodic motion will be studied along with an introduction to electricity. There is a comprehensive laboratory component to the course. This course is designed to be a prerequisite for those students wanting to be enrolled in calculus based physics (AP Physics C) as seniors.

AP PHYSICS C

(1 credit) Grade Placement 12

Prerequisite: Pre-AP Physics (90 average each semester) AND concurrent enrollment in AP Calculus AB or AP Calculus BC; and Department Approval

This course is designed to be the equivalent of a college level calculus based physics course emphasizing mechanics. This course will follow the Learning Objectives as outlined by the College Board and is designed to assist students in taking the AP Physics C Mechanics exam at

the end of the year. We will cover the topics of kinematics, dynamics, work & energy, linear momentum, rotation, simple harmonic motion, and gravitation in depth. We will also begin a brief study of the Electricity and Magnetism portion of AP Physics C starting with electrostatics and continuing with circuits, magnetic fields, and electromagnetism. The course is an accelerated physics study emphasizing the mathematical solutions to the concepts being taught.

EARTH AND SPACE SCIENCE (GMOA)

(1 credit) Grade Placement 11-12

Prerequisite: None

This course focuses on the study of the Earth. The course is divided into four disciplines: Geology, Meteorology, Oceanography and Astronomy. Students explore cycles and processes in the Geosphere, Lithosphere, Hydrosphere, Atmosphere, Cryosphere and Biosphere. The Earth's place in the solar system, galaxy and universe, as well as space exploration are studied and investigated. This is a laboratory course involving interactive experiences and real world applications.

AQUATIC SCIENCE

(1 credit) Grade Placement 11 (with department approval) and 12

Prerequisite: None

Aquatic Science. In Aquatic Science, students study the interactions of biotic and abiotic components in aquatic environments, including natural and human impacts on aquatic systems. Investigations and field work in this course may emphasize freshwater or marine aspects of aquatic science depending primarily upon the natural resources available for study near the school. Students who successfully complete Aquatic Science acquire knowledge about how the properties of water and fluid dynamics affect aquatic ecosystems and acquire knowledge about a variety of aquatic systems. Students who successfully complete Aquatic Science conduct investigations and observations of aquatic environments, work collaboratively with peers, and develop critical-thinking and problem-solving skills.

AP ENVIRONMENTAL SYSTEMS

(1 credit) Grade Placement 12

Prerequisite: Department Approval

The AP Environmental Science course is designed to engage students with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

ANATOMY AND PHYSIOLOGY

(1 credit) Grade Placement 11-12

Prerequisite: Biology and Chemistry

Human anatomy and physiology is a laboratory science course that emphasizes an in-depth study of the human body, beginning with the atomic level and ending with the complete human organism. Each of the eleven body systems will be surveyed and investigated from anatomical, physiological and historical perspectives. Each body system's role in the human body will be taught in the context of the content standards for anatomical orientation, protection, support and movement, integration and regulation, transportation, absorption and excretion, and reproduction, growth and development. A portion of the class will be dedicated to dissection allowing the students to develop hands-on laboratory skills and experiences.

SOCIAL STUDIES

Summer work required for some courses

WORLD CIVILIZATIONS I

(1 credit) Grade Placement 9

Prerequisite: None

The first semester course examines the history of the Ancient World (3000 BC - 500 AD) from its earliest accounts to the fall of Rome (roughly 5th century AD). We will cover the ancient civilizations and societies that shaped much of the modern world including Ancient Mesopotamia, Ancient Egypt, Ancient Persia, Ancient Israel and Judaism, Ancient Greece and Athenian democracy as well as philosophy; Ancient Rome; the rise of Christianity, Ancient India, Africa, China, and the Americas. The second semester course examines the history of the Medieval World (500 AD - 1600 AD) from the fall of Rome (roughly 5th century AD) to the Renaissance Period of European History. We will cover developments in China, Persia, the Byzantine Empire and the Holy Roman Empire in detail. This will be further enhanced with other developments in Asia, Africa, Europe and the Americas.

PRE-AP WORLD HISTORY & GEOGRAPHY

(1 credit) Grade Placement 9

Prerequisite: High School Placement Test

The course is structured around three broad themes; political and economic, intellectual and cultural, and social and economic. Covering a chronology from prehistory to the twentieth century, the themes are interrelated rather than discrete. To achieve balance, it integrates the history of the elite with the experiences of ordinary people and examines continuity as well as change. Pre-AP students are expected to do a considerable amount of reading in several supplementary sources and show evidence of class preparation by volunteering information, by cogent questioning, and by participating in scheduled debates. There is extensive writing of

document based questions, essays and research. Strong reading comprehension and writing skills are required.

WORLD CIVILIZATIONS II

(1 credit) Grade Placement 10

Prerequisite: World Civilizations I

This course provides the student with an overview of the major cultural and institutional forces that have shaped society from the year 1200 through the twentieth century. Each unit examines a period of history and traces the major advancements in thought, government, culture, and technology, not only in the Western world, but in Asia, Africa and Latin Americas as well.

Extracts from primary sources, use of visual aids, and exercises to provide links from the past to the present are used to reinforce and enrich. Students will practice critical thinking skills through charts, graphs, projects, and essays.

AP WORLD HISTORY

(1 credit) Grade Placement 10

Prerequisite: PreAP World History and Geography (80 average each semester); or Department Approval

In AP World History Modern students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places; humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. Modern is designed to be the equivalent of an introductory college or university survey of modern world history. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

U.S. HISTORY

(1 credit) Grade Placement 11

Prerequisite: World Civilizations II; or AP World History

The first semester course examines the period (1800 AD - 1900 AD) of the Early Nation up to the Era of Imperialism and the Gilded Age through the Era of Imperialism. The second semester course examines the period (1900 AD - 2000 AD) from the Progressive Era to the Modern Day. We will cover developments including the Progressive Era, WWI, the Roaring Twenties, the Great Depression, WWII, Cold War Era, Korean War, Vietnam War, Age of Conservatism and the Modern Era.

AP U.S. HISTORY

(1 credit) Grade Placement 11

Prerequisite: AP World History (80 average each semester); or Department Approval

This course is a chronological and interpretive study of United States history from its European backgrounds to the present. Students study the methods and meanings of history in general and the major political, economic, diplomatic, social, cultural, constitutional, and intellectual trends and themes in United States History in particular. Analysis and interpretation of historical documents are stressed. Instructions are also given in writing essays, drawing conclusions from documents, and answering multiple-choice questions—all skills that must be exhibited on the AP examination given each May.

ECONOMICS

(½ credit) Grade Placement 12

Prerequisite: None

This course provides students with the opportunity to study economics; to learn about the United States free enterprise system, and the global economy; and to explore their role as citizens, producers, and consumers while studying fundamental economic principles. Additionally, there are numerous opportunities for the introduction, development, and reinforcement of important academic and leadership skills such as table and graph interpretation, research and data analysis, problem solving and critical thinking, and small group participation and leadership.

AP ECONOMICS

(½ credit) Grade Placement 12

Prerequisite: AP U.S. History (80 average each semester); or Department Approval

The purpose of an AP course in Macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. Such a course places emphasis on the study of National income and price determination, and also develops students' familiarity with economic performance measures, economic growth, and international economics.

U.S. GOVERNMENT

(½ credit) Grade Placement 12

Prerequisite: American History

This class is a survey of the major political science concepts, issues, and perspectives of American government, including a systematic study of the Declaration of Independence, the Constitution, and the Bill of Rights. Students will learn about the structure and functions of local, state, and national governments. In addition, issues such as politics, civil rights, civil liberties, and the U.S. role in the global domain all help students to perform their roles as citizens

intelligently and sensitively.

AP U.S. GOVERNMENT

(½ credit) Grade Placement 12

Prerequisite: AP U.S. History (80 average each semester); or Department Approval

AP US Government and Politics is an introductory college-level course in U.S. government and politics. Students cultivate their understanding of U.S. government and politics through analysis of data and text based sources as they explore topics like constitutionalism, liberty, order, civic participation in a representative democracy, competing policy-making interests and methods of political analysis.

PHYSICAL EDUCATION

**some courses may require fees*

BOYS' OR GIRLS' PHYSICAL EDUCATION

(½ credit) Grade Placement 9-12

Prerequisite: None

Students will provide the opportunity to discover and understand the body and how it functions by developing their knowledge, skills, and attitude about physical fitness.

BOYS' OR GIRLS' ATHLETIC PERIODS

(½ credit) Grade Placement 9-12

Prerequisite: Coach Recommendation

Physical Education classes for a specific team sport. Their classes are determined by the Athletic Director and Principal based on the availability of staff. Athletic fee required.

YOGA PE

(½ credit) Grade Placement 9-12

The student will be introduced to different yoga asana types. These include vinyasa, restorative, yin, ashtanga, partner, and meditation. This course will focus on connecting breath with movement, intention setting, physical postures with safe and correct alignment, and mindful meditation. The history and culture of yoga will be an integral part of the class. This is an active course and requires active participation. Materials needed include a yoga mat and some type of comfortable workout clothing.

ATHLETIC TRAINING

(½ credit) Grade Placement 9-12

Prerequisite: Department Approval

Student trainers will be given hands-on opportunities to gain knowledge of taping, treatment of injuries, rehabilitation, and other useful information about the sports medicine field. Students are required to work football, and an optional spring sport. The students will have strict program

requirements. The student will have travel obligations as needed. Students will also receive information on pursuing Athletic Training as a career (colleges and scholarship availability).

TECHNOLOGY

INTRO TO COMPUTER SCIENCE

(1 credit) Grade Placement 9-12

Prerequisite: None

Intro to Computer Science presents to students a study of sound, animation, graphical, and video software. The course includes an introduction to the JAVA programming language incorporating a first half equivalent to a first semester college course in Computer Science developing concepts up to the development of flow control and conditionals (looping). Students will work with a variety of software programs used for sound/video production, multimedia presentations, web/desktop publishing, and photo/image editing. This course incorporates lectures, tutorials, and hand-on activities, which build skills and techniques for a variety of software programs and computer languages to create and edit content. Students will complete individual multimedia and programming projects utilizing interactive methodologies to turn their creative visions into reality. The core of this class is creativity! Let your mind, gifts, and talents come alive! Programs used: Adobe Photoshop, Audacity, Movie Maker, Vegas Pro, MS Word, MS Excel, MS Publisher, Dreamweaver, JAVA compiler and several cloud programs online.

AP COMPUTER SCIENCE A

(1credit) Grade Placement 10-12

Prerequisite: Intro to CS

AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language.

INTRO TO ROBOTICS

(1/2 credit) Grade Placement 10-12

Prerequisite: Intro to CSI

In this semester-long course, students will transfer academic skills to component designs in a project-based environment through implementation of the design process. Students will build fully functioning robots, use motors and sensors to control them, and program them. As they work with the latest in educational robotics, students will apply basic principles of algebra and

geometry while learning about energy, force, speed, power, simple machines, complex mechanisms, coordinate systems, measuring, and more.

FOREIGN LANGUAGE

FRENCH 1

(1 credit) Grade Placement 9 – 12

Prerequisite: None

This visual-audio-lingual course is designed to teach French to students with no previous knowledge of the language. The four language skills of listening, speaking, reading and writing are emphasized and the students are introduced to French culture and traditions.

FRENCH 2

(1 credit) Grade Placement 10-12

Prerequisite: French 1

This visual-audio-lingual course continues to develop the four language skills. More and more instruction is given in the target language.

FRENCH 3

(1 credit) Grade Placement 11-12

Prerequisite: French 2 (80 average both semesters); or Department Approval

This course will continue the development of competency and fluency in French through the simulation of real-life situations and through other oral and written activities/presentations/performances. Students will learn to master a variety of functions including listing, asking questions, formulating responses, giving and following directions, narrating, giving and defending opinions, hypothesizing, etc.

FRENCH 4 PRE-AP

(1 credit) Grade Placement 12

Prerequisite: French 3 (85 average both semesters); or Department Approval

This course is designed to solidify students' proficiency in all four language skills; listening, speaking, reading and writing. Only French is spoken in this course.

SPANISH 1

(1 credit) Grade Placement 9 – 12

Prerequisite: None

This visual-audio-lingual course is designed to teach Spanish to students with no previous knowledge of the language or with weaknesses in the four language skills: listening, speaking,

reading and writing. Throughout the course, these skills are taught and the students are introduced to Spanish culture and traditions.

SPANISH 2

(1 credit) Grade placement 9 – 12

Prerequisite: 9th Grade: Foreign Language Department Placement Test

All other Grades: Spanish 1

This visual-audio-lingual course continues to develop the four language skills. Grammar (verbs, tenses, sentence formation, sentence structure, etc.) is particularly emphasized. More and more instruction is given in the target language. Readings are more in-depth and Spanish culture and civilization are emphasized. Feature films in Spanish are viewed.

SPANISH 3

(1 credit) Grade Placement 10 – 12

Prerequisite: Spanish 2 (80 average each semester); or Department Approval

This course will continue the development of competency and fluency in Spanish through the simulation of real-life situations and through other oral and written activities/presentations/performances. Correct and effective use of grammar and vocabulary will be continually emphasized. Students will learn to master a variety of functions including listing, asking questions, formulating responses, giving and following directions, narrating, giving and defending opinions, hypothesizing, etc.

SPANISH 3 PRE-AP

(1 credit) Grade Placement 10 – 12

Prerequisite: Spanish 2 (90 average each semester); or Department Approval

Spanish 3 Pre-AP, like Spanish 3 Regular, continues the development of competency and fluency in Spanish, but at a more advanced level and pace thereby preparing students for the subsequent AP Spanish class which covers the equivalent of a third-year college course in advanced Spanish conversation and writing. This course will continue the development of competency and fluency in Spanish through the simulation of real-life situations and through other oral and written activities/presentations/performances. Students will learn to master a variety of functions including listing, asking questions, formulating responses, giving and following directions, narrating, giving and defending opinions, hypothesizing, etc. If the semester average is below a 70, a student will be moved to a college prep level class.

AP SPANISH

(1 Credit) Grade Placement 11-12

Prerequisite: Spanish 3 Pre-AP (85 average each semester); or Department Approval

AP Spanish is intended for students who wish to develop proficiency and integrate their language skills, using authentic materials and sources (The College Board). This course covers

the equivalent of a third-year college course in advanced Spanish conversation and writing. Only Spanish is spoken in this course.

SPANISH 5

(1 Credit) Grade Placement 12

Prerequisite: AP Spanish (85 average each semester); or Department Approval

This course is designed to sustain students' proficiency in Spanish through advanced, college-equivalent studies. Only Spanish is spoken in this course.

LATIN 4 PRE- AP

(1 Credit) Grade Placement 12

Prerequisite: Latin 3 (80 average each semester); or Department Approval

The student will read widely from unadapted works by Roman authors. Prose and poetry are both included.

FINE ARTS

**some courses may require fees*

ART 1

(½ Credit) Grade Placement 9-12

Prerequisite: None

Art I covers the various design related elements and principles of art required to produce a quality work of art and is based on a college level Design I and Drawing I curriculum. Students experience a drawing curriculum from simple value study, Still Life Drawing, Color Theory and Color Drawing, and introduction to Printmaking. Critique is stressed more than the natural ability to draw.

ART 2

(½ Credit) Grade Placement 9-12

Prerequisite: Art 1

Sequential to Art I, Art II builds on the foundation of what has been taught in Art I with an in depth study of drawing and color theory continued with the use of a Sketchbook log of drawing assignments, Painting using Watercolor Technique, an introduction to Ceramic Hand building techniques for Pottery, and an introduction to Mixed Media.

ART 3

(½ Credit) Grade Placement 10-12

Prerequisite: Art 2

Sequential to Art II, Art III explores further study into Opaque canvas painting, Mixed Media, Advanced Printmaking, and Media of Choice for those students that want to start working in a concentrated area of their strength. This is a good point in art for students to start thinking about

Advanced Placement (AP) Art 2-D Design or 2-D Drawing and building a portfolio that works in that direction for success in their AP Senior year of Studies.

ART 4

(½ Credit) Grade Placement 10-12

Prerequisite: Art 3

Art IV is a studio art class, and is reserved for students that are considering Art as a Major in college. Focus for this class is developing a portfolio consisting of 5 pieces of work and / or series of studies with the same concept or idea. Portfolios will consist of original works and a Digital Portfolio of originals for college submissions. Students are allowed to focus on their media of interest and creative strengths. Art IV is also a good point in art for students to start thinking about Advanced Placement (AP) Art 2-D Design or 2-D Drawing. Art IV is a great way to build a portfolio that works in that direction for success in their AP Senior year of Studies

APART

(1 Credit) Grade Placement 11-12

Prerequisite: Art 4 AND Instructor Approval

AP Art is a yearlong course where students will be able to build a body of art work for presentation to the AP College Board of Education. This body of work will consist of 16 pieces of artwork divided into 3 categories. 1) Inquiry and Investigation 2) Making through Practice, Experimentation, and Revision. 3) Communication and Reflection. Portfolios are submitted digitally and 5 pieces sent through the mail in early May. Results for testing will be emailed to students over the summer and original artworks in the portfolio will be mailed back as well.

WOOD & METAL WORKS I & II

(½ credit) Grade Placement 10-12

Prerequisite: Art 2 AND Instructor Approval

Wood and Metal Works is a semester class. Students will spend 9 weeks learning basic woodworking skills and the other nine weeks learning basic metal fabrication and welding. Students are instructed on the safety procedures and proper use of hand powered tools and equipment. Students are encouraged to take part II for further investigation into developing more extensive projects. A shop fee is required for this class to help fund supplies and materials as well as wear and tear on tools and equipment. **Limited to 6 Students*

SYMPHONIC BAND

(1/2 Credit PE & ½ Credit Fine Art) Grade Placement 9-12

Prerequisite: None

This course produces the Kelly Bulldog Band. Students study and perform a variety of musical styles in band repertoire. The band performs at football games, pep rallies, concert performances, festivals, and recruiting tours.

DRAMA

(½ credit) Grade Placement 9-12

Prerequisite: None

This course is a one semester class that splits acting instruction and technical instruction between the Fall and Spring:

Drama Fall students will receive an overview of acting and audition techniques, basic theatrical terminology, and brief theater history. Students are *required* to perform in class during the Fall semester.

Drama Spring students will deal in Technical study, such as set design, costume design, make-up design, crew work and stage management.

KELLY DANCE FORCE

(½ Credit PE & ½ Credit Fine Art) Grade Placement 9-12

Prerequisite: Try Out AND Instructor Approval

The student will be introduced to a brief history of dance styles, performers, choreographer, choreographic devices, terminology, rhythmic structure and contributing dance cultures. This is an active course and requires daily participation as well as performing at football games, pep rallies, competitive performances, special events, and recruiting tours.

PIANO (Keyboard)

(½ credit) Grade Placement 9-12

Prerequisite: None (it is beneficial for students to have a keyboard at home for practice)

Students of all levels may take piano class. As an introductory course, students will learn the basic beginning skills of keyboard playing as well as basic music theory to enhance the understanding of musical notation. Students will progress through a beginning piano course to learn basic notation, melody, rhythm, fingering, etc. Intermediate or advanced music students may continue the development of piano skills on an individualized basis. Advanced students may enter the TAPPS Piano Solo Competition in the spring.

THEATER PRODUCTION

(1 credit) Grade Placement 10-12

Prerequisite: Drama; or Instructor Approval

An advanced study of theater arts with an emphasis on performance, including TAPPS One Act Play and the Spring Academic Meet. Outside rehearsals are required. Students will also learn how to organize and maintain a theater space, how running a theater department works, and more in depth skills related to producing a play.

VARSITY CHOIR

(1 credit) Grade Placement 9-12

Prerequisite: Instructor Approval

This course produces the premier performing choral ensembles for MKCHS, including the mixed choir, treble chorus, tenor-bass chorus, mixed ensemble, and other combinations of voices needed for competition and performance. Students who have both the talent and the desire for vocal performance study both traditional and contemporary choral literature for performance at scheduled concerts and various outreach concerts to the community.

OTHER ELECTIVES

**some courses may require fees*

COMMUNICATION APPLICATIONS (SPEECH)

(½ credit) Grade Placement 9

Prerequisite: None

This one semester course, required of all students, will work on improving communication skills in interpersonal as well as public speaking situations. Students will develop communication competence that will help them maintain productive relationships and function effectively in social, academic, and citizenship roles. Students will be required to prepare approximately 5-6 presentations, listen critically, and analyze speeches.

CULINARY

(½ credit) Grade Placement 12

Prerequisite: None

This course serves as an introduction to the culinary world. Students receive instruction concerning table etiquette, manners, menu planning, and basic food preparation. With a healthy approach to dining as its objective, students compile recipes which afford them the opportunity to design personal meal plans for a healthy life. Participants recognize that food preparation requires patience and time, and that culinary success begins with a good recipe. Understanding that recipes can be simplified without sacrificing presentation, nutrition, and appeal, students prepare meals that are tasty and nourishing by incorporating the essential food groups.

HISTORY THROUGH FILM

(1 credit) Grade Placement 11-12

Prerequisite: None

Dramatic films with historical themes have been produced for over a century, but only in the last generation have historians seriously considered cinema's capacity to convey a useful or meaningful past. This year-long course will explore how movies' unique use of color and movement, music and sound effect, fictional or composite characters, and juxtaposition of images can create the impression that we are not just watching but experiencing historical events. Students will be challenged to recognize that, while historians seek truth about the past, there is no single historical truth. As with traditional (written) sources, filmmakers can and perhaps

should strive to convey emotional, psychological, and/or symbolic even if not always factual truth. (Source: Filmography) In this year long class we will start with the American Revolution and view films through each era of history striving to reach the 1980's. Films will be viewed, characters analyzed and several essays written on the position that the film is true or offers new insights to the time period studied through traditional means. Student opinion must be solid and defensible. There are assessments made through Quizzes , FRQ's and Essays covering the American Revolution, The Civil War, Progressive Era, The Twenties and Thirties, The War Years, The 1950-1960's, The 1970's- 1980's.

HOLOCAUST LITERATURE

(1 credit) Grade Placement 9-12

Prerequisite: None

Can the Holocaust happen again? This course informs students about the Holocaust through reading, writing, and authentic assessment activities. Holocaust literature has the capacity not only to open students' minds to compelling, important stories about real people, but also to educate students about one of the most important historical events of the twentieth century.

INTERNSHIP

(½ credit) Grade Placement 12 **does not count in GPA*

Prerequisite: Application Process With Counselors

The Senior Internship Experience is available to students during the last block each semester. The Internship Program is designed to provide students with real world work experience. These students will explore and gain relevant knowledge and skills required to enter a particular career.

MINISTRY ASSISTANT

(½ credit) Grade Placement 11-12 **does not count in GPA*

Prerequisite: None

This semester course can also be taken a full year. Students design and plan activities for campus ministry related to retreats, social justice, and prayer/worship. They also have the opportunity to develop a ministry initiative of their own choosing to reflect a current need in the Kelly community.

PERSONAL FINANCE

(½ credit) Grade Placement 9 – 12

Prerequisite: None

Learn how to plan and manage your personal finances. This course includes the basic principles of calculating your income, budgeting, using checking accounts, saving and investing, Workbook, Internet activities, online simulations, and payday simulations, which are used throughout the course.

PSYCHOLOGY

(½ credit) Grade Placement 9-12

Prerequisite: None

This course introduces the historical progression of psychology as a scientific field of study through the presentation of basic scientific principles. Emphasis is on developmental psychology including the infant and child, adolescent and adult. Basic principles of learning, sensation and perception are also explored.

RESEARCH

(½ credit) Grade Placement 9-12 **does not count in GPA*

Prerequisite: None

The goal of this course is to provide students with more time to effectively study, to expand research skills, to organize priorities within time restraints of the classroom, and to achieve short term goals in assignments.

SAT PREP

(½ credit) Grade Placement 10-12 **does not count in GPA*

Prerequisite: Algebra 2; or concurrent enrollment in Algebra 2 (Math Models with Department Approval)

The SAT Prep course is designed to help students prepare for the rigors of taking the PSAT and/or SAT tests offered by the College Board. Students will follow the course outline through a web-based program and through instructor implemented test practice activities. The primary goal is to identify and implement test-taking strategies using prerequisite knowledge to increase student performance.

TEACHER ASSISTANT

(½ credit) Grade Placement 11-12 **does not count in GPA*

Prerequisite: Application Process With Dean of Academics

This course is designed for the junior or senior student who is interested in teaching as a career or who may just want to know more about what is involved in teaching. The teacher assistants will be assigned to an individual teacher or staff member.

YEARBOOK

(1 credit) Grade Placement 9-12

Prerequisite: None

This course is both an academic and an artistic endeavor. Students will use their creativity to develop a theme, write copy, take photographs, design layouts, become proficient in the software used to produce the Medallion Yearbook and understand the importance of working within time limits and monetary budgets.