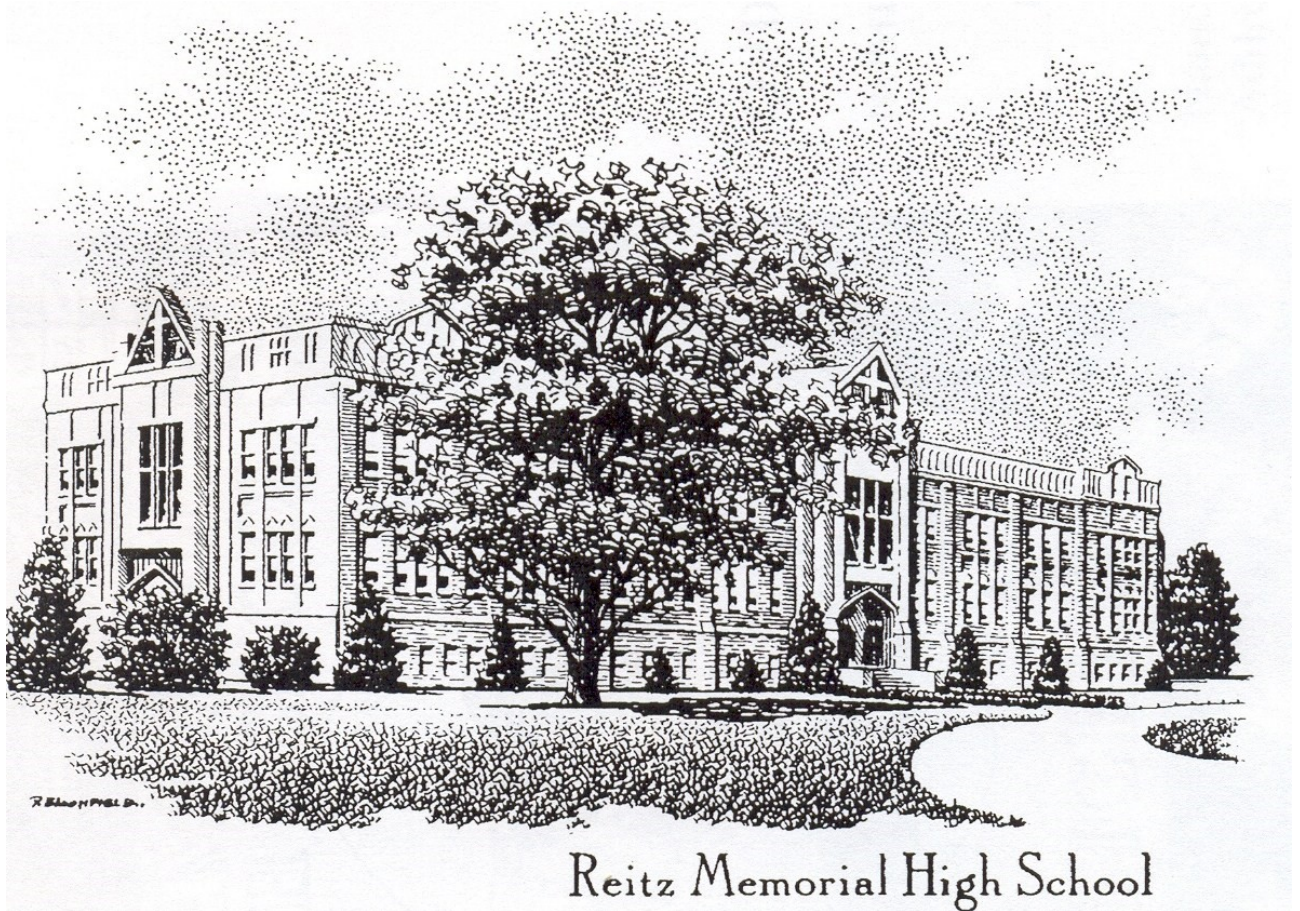


Reitz Memorial High School Course Description Booklet 2017-2018



Mission Statement

Reitz Memorial High School is a Christ-centered Catholic Community which educates all students to their highest potential by developing religious values, providing excellence in education, and fostering a commitment to service

Department Quick Glance:

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REQUIREMENTS FOR GRADUATION

In order to graduate from Reitz Memorial High School, a student must earn a minimum of 48* credits.

To be eligible for the **Core 40 with Technical Honors** or **Academic Honors Diploma**, graduates must earn a minimum of 55* credits. Those students seeking admission to a four-year public college or university in Indiana must meet the **Indiana CORE 40** requirements. The requirements for each of these areas are listed below:

Core 40		Core 40 with Technical Honors		Core 40 with Academic Honors	
8	English	8	English	8	English
6	Mathematics in grades 9-12	6	Mathematics in grades 9-12	8	Mathematics
6	Science	6	Science	6	Science
6	Social Studies	6	Social Studies	6	Social Studies
2	Physical Education	2	Physical Education	2	Physical Education
1	Health	1	Health	1	Health
*8	Theology	*8	Theology	*8	Theology

Core 40		Core 40 with Technical Honors		Core 40 with Academic Honors	
5	Directed Electives	6	Career/Tech Program	2	Fine Arts
6	Electives			6-8	World Language

*Students are required to earn a minimum of eight credits in Theology in addition to the state requirements. Therefore, they will be required to earn 48 credits for Core 40 and 55 credits for the Technical Honors or Academic Honors Diploma.

In **CORE 40**, mathematics requires that a student complete work through at least Algebra 2 with a minimum of six (6) credits taken in grades 9-12. This course must include algebra 1, geometry, and algebra 2.

- Science requires six (6) credits that include two (2) credits in Biology, two (2) credits in Chemistry or Integrated Chemistry/Physics, and another two (2) credits from any other science class.
- Social Studies requires two (2) credits in U.S. History, one (1) credit in American Government, one (1) credit in Economics, and two (2) credits of World History/Civilization.
- All students are required to take a math or quantitative reasoning course each year of high school. Please consult with the counselors for a list of the quantitative reasoning courses.
- Directed electives must include courses from the following areas: World Languages, Fine Arts or Career/Technical. Students are strongly encouraged to select electives in a deliberate manner to take full advantage of career exploration and post-secondary educational opportunities.

The **Technical Honors Diploma** requires the student to follow the **Core 40** program. It also requires that no grade lower than a C (2.0) be earned in a course, and that the overall grade point average is no lower than a B (4.0). For more information on the Technical Honors Diploma, consult the following link. <http://www.doe.in.gov/achievement/curriculum/indianas-diplomas-requirements> The **CORE 40 with Academic Honors Diploma** requires that no grade lower than a C (2.0) be earned in a course, and that the overall grade point average is no lower than a B (3.0).

- Students must earn eight (8) credits in mathematics during high school years unless Algebra 1 was taken in grade eight. Those students will be required to complete only six (6) additional credits. Mathematics credits must include two (2) credits beyond Algebra 2.
- Science requires two (2) credits in Biology, two (2) credits in Chemistry or Integrated Chemistry/Physics, and two (2) additional credits from any other Science class.

- Social Studies requires two (2) credits in U.S. History, one (1) credit in American Government, one (1) credit in Economics, and two (2) credits of World History/Civilization.
- World Language requires six (6) credits in one language or eight (8) credits with four (4) credits each in two languages. Those students qualifying for the second level of a world language as a ninth grader need only four (4) additional credits in that same language, or two (2) in that same language and four (4) in another.
- Students must complete one (1) of the following:
 - A. Four (4) credits in two (2) or more AP courses and take the corresponding AP exams
 - B. Dual high school/college course(s) for six (6) college credits, two (2) credits in AP courses and corresponding exams and dual high school/college course(s) for three (3) college credits,
 - C. Earn a combined score of 1250 or higher on the SAT Evidence-Based Reading and Writing and mathematics and a minimum score of 560 on math and 590 on the EBRW. (Proposed scores not yet approved by IDOE) or an ACT composite score of 26 or higher.

GRADING SCALE: The four-point grading system has the following equivalents:

<u>Grading Scale</u>	<u>Honor Roll</u>	
<i>(95-100%) A</i>	<i>High Honors</i>	<i>3.6-4.0</i>
<i>(92-94%)A-</i>	<i>Honors</i>	<i>3.1-3.5</i>
<i>(90-91%) B+</i>	<i>Honorable Mention</i>	<i>2.6-3.0</i>
<i>(87-89%) B</i>		
<i>(85-86%) B-</i>		
<i>(82-84%) C+</i>		
<i>(80-81%) C</i>		
<i>(77-79%)C-</i>		
<i>(75-76%)D+</i>		
<i>(72-74%)D</i>		
<i>(70-71%)D-</i>		
<i>(<69%)F</i>		

In computing Honor Roll or a student's average, the grade in Lifetime Sports is not included.

HONOR MONOGRAMS

Honor Monograms or certificates will be awarded to students who earn **High Honors or Honors** for three of the four grading periods during the current school year. Those students who earn High Honors or Honors for the first three grading periods will receive their award at an Honors

Assembly. Students who earn a monogram or certificate at the end of the fourth quarter will receive their award through the mail sometime after final report cards for the year are issued.

HONORS COURSES

Honors courses are designated by the term “Honors” after the courses titles. These courses usually have a prerequisite and at times a grade requirement. Honors courses are considered more challenging courses, move at a faster pace, and cover more material than regular level courses.

Advanced Placement (AP) courses approved by The College Board are designated as such. These courses are considered rigorous courses and are comparable to a college-level course. Students enrolled in these courses will take the AP exam at the end of the school and have opportunity to earn college credit.

NCAA ELIGIBILITY

It is imperative that a student be aware of the courses that count toward NCAA eligibility as well as minimum scores for the SAT and/or ACT. Division I requires a minimum of a 2.3 GPA in core courses to be a full qualifier, while Division II requires a minimum 2.0 GPA (4.0 scale), 820 SAT (EBRW and Math only) score or an ACT sum score of 68.

The complete CORE GPA/Test Score Index and Memorial’s NCAA Approved Course List can be found at

Division I Requirements	Division II Requirements
16 Core Courses:	16 Core Courses:
4 years of English	3 years of English
3 years of math (Algebra 1 or higher)	2 years of math (Algebra 1 or higher)
2 years of natural/physical science	2 years of natural/physical science
1 year of additional English, math, or science 2 years of social science	3 years of additional English, math, or science
4 years of additional courses from above or foreign language, philosophy or comparative religion	2 years of social science
*10 of the core courses must be completed prior to the 7th semester.	4 years of additional courses from above or foreign language, philosophy or comparative religion
*7 out of 10 must be from English, math, or natural/physical science	

www.eligibilitycenter.org and in the counseling office. Potential student-athletes are encouraged to see their counselor early to start an NCAA Eligibility Worksheet.

SENIOR STATUS POLICY

It is the policy of Reitz Memorial High School that in order for a student to be considered a member of the senior class, the student must have earned a minimum of twenty-nine (29) credits by the end of the junior year. If, at the end of the seventh semester, a student has acquired a minimum of thirty-six (36) credits, senior status will be accorded.

CLASS AUDIT POLICY

Students may be permitted to audit a class under the following conditions:

1. The student is repeating a course for the purpose of improving skills and grade in order to qualify for an additional course.
2. The course will carry **no credit** but it will be shown on the student transcript with an assigned grade.
3. The grade point difference between the first **grade received** and the second **grade will** be used in computation of the student's GPA.
4. The original grade **will not** be removed from the student transcript.
5. All audits must have prior approval of the Assistant Principal for Curriculum and Instruction.

STUDENT CLASS LOAD REQUIREMENTS

All students are required to carry eight (8) classes each semester. As a student advances in grade level at Memorial, less of his/her class load will be requirements and more of it will be electives. Memorial offers a wide range of electives in all areas of the curriculum to enable students to have some choice in fulfilling the various requirements necessary for admission to the college of their choice, to pursue areas of interest, and to select courses for enrichment. In selecting elective courses, students are advised to keep in mind not only the requirements of Memorial, but also the requirements of the college they would like to attend as well as their own interests and abilities.

SCHEDULE CHANGE POLICY Reitz Memorial High School strongly advises students to carefully choose courses during the scheduling process that begins in February. Students are given several weeks to look through the course description book and ask questions of parents, teachers, and counselors before making their final selections for the upcoming year. The master schedule is then created based upon student course requests and students are scheduled into classes. Due to the complex nature of the scheduling process, changes will be granted only for the following reasons:

1. Error(s) made by the school during the scheduling process. This could include putting a student in the wrong course, failure to put student back in a course that was failed, or allowing a student to advance to the next level course having failed a prerequisite course.
2. Medical reasons with documentation.
3. Change in program placement for students with learning difficulties such as adjustments in or assignments to special education or resource classes.
4. A level change within a given course (regular to Honors, Honors to AP). Requests to drop down a level must be accompanied by a written explanation and signed by the parent.
5. Course is needed to fulfill Academic Honors Diploma or Core 40 requirements.
6. Student has failed a course with a teacher and he/she gets the same teacher for that course.
7. Replace a study block with a credit-bearing course.
8. Course is needed to meet admission requirements at a college or university.

9. Student requests to keep a teacher for the 2nd semester if class balance is kept in check.

10. Summer school course work necessitates a change.

Changes to a student's registration list may be made until the last day of the school year.

Schedule change requests for the above reasons will be considered starting two weeks prior to the start of the school year through the 5th day of the 1st semester.

Mid-Year schedule change requests will be considered starting the Monday after Thanksgiving through the 5th day of the 2nd semester.

Teacher change requests will not be granted. (Exceptions #6 and #9 as stated above)

Elective course changes will not be granted. (Exceptions #'s 5, 7, 8, and 10 as stated above)

PREREQUISITES

A student may select certain subjects only if he/she has demonstrated the ability to master the work of the prerequisite subject satisfactorily. Some subjects require a certain grade in the prerequisite subject. If this grade is not achieved, a waiver must be obtained to select the next course. Prerequisites for courses are found with the course descriptions.

SCHOOL DAY CONFIGURATION

Reitz Memorial High School follows a Block-8 schedule. All classes meet for eighty-five (85) minutes on an alternating day basis. All students will be enrolled in minimum of eight (8) classes along with a homeroom. Homeroom allows time for students to choose individual help from a teacher, use the media center or computer lab facilities, work with a peer tutor, participate in selected clubs or organizations, seek assistance from a counselor, or perhaps choose quiet study time.

COURSE OF STUDY

A student may select courses from all of the electives listed. All courses carry one (1) credit per semester with the exception of Lifetime Sports, Science Tutorial, Math Tutorial and ECA Review. These courses carry .5 (1/2) credit per semester. The Tutorial does not carry any credit.

BRIDGE PROGRAM-A COOPERATIVE PROJECT OF REITZ MEMORIAL HIGH SCHOOL AND THE UNIVERSITY OF EVANSVILLE

Each semester students are given the opportunity to enroll in the Bridge Program. Students enroll through the University of Evansville with the courses being taught at the high school by high school teachers in cooperation with the university's professors. Course offerings will vary from semester to semester. Bridge courses may be from areas including the natural sciences, social sciences, mathematics, humanities, fine arts, and foreign languages. Students are required to pay a special tuition rate, which is significantly less than the tuition for on-campus courses. Each student receives University of Evansville credit for courses taken, and the student's grades for the courses are recorded on a UE transcript. The University will officially enroll at the beginning of each semester those students who wish to participate.

In addition to the Bridge Program with the University of Evansville, students also have the opportunity to take dual credit courses through USI and Ivy Tech State College.

****Please note: Not all colleges or universities accept dual credits for transfer. Students may want to check with the college or university where they intend to apply.**

At the time of publication, the following courses are offered through the Bridge Program:

University of Evansville	University of Southern Indiana	Ivy Tech State College
Spanish 3, 4 and AP Spanish	Advanced Composition	Pre-calculus (College Algebra)
Physics and AP Physics		
Biology II Honors		
AP Biology		
AP Calculus		
Chemistry II Honors		
AP Chemistry		
Art History		
US History Honors		

Program of Studies

2017-2018 Required Courses:

<u>Grade 9</u>	<u>Grade 10</u>	<u>Grade 11</u>	<u>Grade 12</u>
English 9	English 10	English 11 or AP English	English 12 or AP English
Theology	Theology	Theology	Theology
*Physical Education 1	*Physical Education 2	US History	*American Government
Mathematics	Mathematics	Mathematics	*Economics
Science	Science	Science	*Mathematics or
World History	*Health		Quantitative Reasoning

THEOLOGY

THE BIBLE: THE LIVING WORD OF GOD (1ST semester)

JESUS CHRIST: GOD'S LOVE VISIBLE (2ND semester)

Two Semesters, Grade 9

Prerequisite: None

Students will gain an appreciation for Sacred Scripture through an understanding of the development and composition of the Bible. Implementing strategies of understanding such as genre recognition and author intent, each section and book of the Bible will be explored. Through this critical study of the Bible, students will come to understand that God revealed to us through His Word and that the fullest of God's revelation has been made known to us through Jesus Christ.

Detailed exploration of the mission and ministry of Jesus Christ as it is revealed to us in the New Testament will encourage a thoughtful understanding of the Mystery of Jesus Christ. From this critical examination, students will learn how Jesus Christ calls us to discipleship.

THE PASCHAL MYSTERY (1ST semester)

SACRAMENTS (2ND semester)

Two Semesters, Grade 10

Prerequisites: The Revelation of Jesus Christ in Scripture and Discovering Jesus

Christ: His Mission and Ministry

(1st semester) The purpose of this course is to help students understand all that God has done for us through his Son, Jesus. This course of study will provide a deeper look at the Paschal Mystery; the saving actions of the Lord and examine how we must live as disciples in light of what has been revealed. A significant amount of time will be spent exploring various prayer forms that are meant to enhance and further develop a deeper relationship with God.

(2nd semester) This sophomore theology course examines the concepts of faith, the nature of the Church, and the Sacraments, and Vocational Decisions. In this course, students explore the idea of what it means to believe in God within the context of the Church. They look into the philosophical arguments concerning God's existence and nature, and learn to balance personal prayer and community worship. They also reflect on the Church as the community in which faith is most forcefully experienced and expressed. In learning the essentials of its sacramental system and the service it provides, they consider especially the Sacraments of Matrimony and Holy Orders. Attention is also given to the single lifestyle, and the vowed religious life of Brothers and Sisters. The course concludes with an examination of ecumenism and Catholic identity.

INTRODUCTION TO CHURCH HISTORY (1ST semester)

CATHOLIC MORALITY (2ND semester)

Two Semesters, Grade 11

Prerequisite: Sacraments and Jesus Christ Our Source of Salvation

(1st semester) This introduction to Church history begins with the founding of the Church by Christ up to the Protestant Reformation in the 16th century. The course is divided into major periods of Church history: the apostolic Church, the Church in the Roman Empire, the Middle Ages, and the dawn of the Renaissance. Of particular focus are the key figures in the history of the Church, including the writings of St. Paul, St. Athanasius, St. Augustine, and St. Thomas Aquinas. The course aims to give students an understanding of how Christ's small band of Apostles developed through history into the Church as we know it today.

(2nd semester) Junior theology concentrates on Christian morality and ethics, forming a Christian conscience, issues of social justice and peace, reverence for human life, and compassion for those who suffer. Students explore various methods for making healthy moral decisions while being challenged to base their moral judgments on the perfect model of moral living, Jesus Christ. They also investigate the Christian's obligation to care for those who are in need, to protect those who are weak, and to work for the elimination of violence. The course concludes with discussions on how to handle conflicts with creativity and to work toward peaceful relationships.

CATHOLIC SOCIAL JUSTICE

One Semester, Grades 12

Students in this course will explore the Social Doctrine of the Catholic Church. There will be an emphasis on the principles of Catholic Social teaching such as the Dignity of the Human Person and Respect for Human Life. The aim of the course is to understand how we can witness, in our world, to the gospel values set forth by Jesus.

HISTORY OF THE ROMAN CATHOLIC CHURCH

One Semester, Grade 12

This course will offer a faith-filled portrait of the Roman Catholic Church's History since the Protestant Reformation that highlights important people, trends, and teachings. This course will provide students with a solid study of the writings and teachings of some of our most important theological leaders including but not limited to, St. Theresa of Avila, St. Francis de Sales, Venerable Pope Pius XII, and Pope John Paul II. Students will also be responsible for tracing the Church's history in recent years including a unit on Religious Liberty and Catholicism in the United States. This class will also contain a special section focused on the history of the Diocese of Evansville and Reitz Memorial High School, as they heavily pertain to the formation of the students' faith.

RELIGIONS OF THE WORLD

One Semester, Grade 12

Prerequisites: None

This course is designed to help students understand the manner in which the Catholic Church relates to non-Catholic Christians as well as to other religions of the world. Recognizing that Jesus Christ established the Catholic Church, and entrusted the truth of God's revelation to her, this course allows students to recognize these spiritual truths in non-Catholic/Christian religions as encouraged by the Vatican document *Nostra Aetate*.

BUSINESS/TECHNOLOGY

Introduction to Business One Semester, Grades 9-10

Prerequisite: None

Introduction to Business introduces students to the world of business, including the concepts, functions and skills required for meeting the challenges of operating a business in the twenty-first century on a local, national and/or international scale. The course covers business management, entrepreneurship, marketing fundamentals, and business ethics and law. The course further develops business vocabulary and provides an overview of business and the role that business plays in economic, social and political environments.

Preparing for College and Careers One Semester, Grades 9-10

Prerequisite: None

Preparing for College & Careers addresses the knowledge, skills, & behavior all students need to be prepared for success in college, career and life. The focus of the course is the impact of today's choices on tomorrow's possibilities. Topics to be addressed include twenty-first century life and career skills; higher order thinking, communication, leadership, and management processes; exploration of personal aptitudes, interests, values and goals; examining multiple life roles and responsibilities as individuals and family members; planning and building employability skills; transferring school skills to life and work; and managing personal resources.

Computer Applications & Responsibility 1 One Semester, Grades 9-12

Prerequisite: None

Computer Applications & Responsibility 1 introduces students to the basic skills needed to use a Windows-based professional suite which includes word processing, spreadsheet, database, graphics, and presentation applications. Instruction in basic computer hardware and operating systems that support software applications is provided. Additional concepts and applications dealing with software integration, internet use, and information about future technology trends are included. Computer Applications & Responsibility 1 is a prerequisite for all other computer classes. (\$15 computer lab fee in lieu of textbook)

Computer Applications & Responsibility 2 One Semester, Grades 9-12

Prerequisite: Computer Applications & Responsibility 1

Computer Applications & Responsibility 2 integrates computer technology, decision making, and problem solving skills. Instruction in advanced word processing, spreadsheet, and database applications will be provided along with the use of emerging technology, such as voice recognition and video editing. Other areas of instruction may include desktop publishing, layout and design techniques, web design, and software integration. (\$15 computer lab fee in lieu of textbook)

Entrepreneurship & New Ventures
One Semester, Grades 11-12

Prerequisite: None

This course introduces students to the basics of planning and launching their own successful business. Whether they want to start their own money-making business or create a non-profit to help others, this course helps students develop the core skills they need to be successful. Topics covered include business/marketing principles related to ownership and management of a business, traits and characteristics of successful entrepreneurs, and strategies of business management and marketing. The development of a business plan related to the students' area of entrepreneurial interest is a course objective.

Introduction to Accounting (Sole Proprietorship)

One Semester, Grades 10-12

Prerequisite: None

Accounting skills are valuable to people in both their professional and personal lives. This course presents the basic theory of accounting principles with the opportunity for students to apply these principles in real world scenarios. It will involve understanding, analyzing, and recording business transactions; and preparing, analyzing, and interpreting financial reports as a basis for decision making. Emphasis in this course will be based on how these principles pertain to proprietorships.

Introduction to Accounting (Corporation)

One Semester, Grades 10-12

Prerequisite: Accounting (Sole Proprietorship)

This course will expand upon the principles and procedures learned in Accounting (Sole Proprietorship). It will involve understanding, analyzing and recording business transactions; and preparing, analyzing and interpreting financial reports as they pertain to corporations.

Principles of Marketing

One Semester, Grades 11-12

Prerequisite: None

Principles of Marketing provides a basic introduction to the scope and importance of marketing in the global economy. Emphasis is placed on oral and written communications, mathematical applications, problem solving, and critical thinking skills as they relate to advertising/promotion/selling, distribution, financing, marketing-information management, pricing and product/service management.

**Computer Science 1 Semester 1- Honors (Formerly
Programming 1)
One Semester, Grades 11-12**

**Prerequisites: Computer Applications & Responsibility 1 (formally Informational
Communications and Technology 1) and Geometry.**

Computer Science is designed primarily to introduce students to writing instructions that a computer can understand. Students will explore computer concepts, use logic procedures and implement programming procedures using Visual Basic and other object oriented languages. Instructional strategies may include individual and team hands-on development and scenario based activities. Emphasis is on problem solving and analysis using logical thinking processes. (\$15 computer lab fee in lieu of textbook)

**Computer Science 2 Semester 2- Honors (Formerly
Programming 2)
One Semester, Grades 11-12**

Prerequisites: Computer Science (Semester 1) or Computer Programming 1

This course builds on skills learned in Computer Science 1 and explores building skills in C++ and Java. The study of C++ provides a basic understanding of the fundamentals of procedural program development using structured and modular concepts including how data in a variable is manipulated and how actual and formal parameters relate. Emphasis will be on the role of data types, variables, structures, addressable memory locations, arrays and pointers. The development of Java programming skills will provide a basic understanding of the fundamental concepts with a focus on clear explanations and practice emphasis on logical program design.

**Computer Science A- Advanced Placement
Two Semesters, Grades 11-12**

**Prerequisites: Geometry and Computer Science (Semester 1) or Computer Programming
1**

This two semester course will provide a comprehensive introduction to computer programming using the Java Language. It focuses on the basic principles needed to design and build applications. Topics include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions and the ethical and social implications of computing. At the end of the course, students can take the AP Computer Science A Exam.

**Personal Financial Responsibility
One Semester, Grades 11-12**

Prerequisite: None

Personal Financial Responsibility focuses on personal financial planning concepts and principles that provide a basis for avoiding financial pitfalls. This course helps students build skills in financial responsibility and decision making; analyze personal needs, wants, & goals; identify sources of income, saving, and investing; understand banking, budgeting, record-keeping, insurance and credit card debt. Instructional strategies will include the Dave Ramsey-*Foundations in Personal Finance* program and guest speakers.

Web Design-Honors
One Semester, Grades 10-12

Prerequisite: Information Communications and Technology 1 or Computer Applications and Responsibility 1

This course provides instruction in the principles of web design using a professional Web developer's suite Adobe Design Premium CS5.5. Students will use Dreamweaver to create and manage websites, build animations with Flash, and create and edit sophisticated images for the web with Fireworks and Photoshop. Principles of web design using HTML/XHTML will also be introduced.

Business Law and Ethics
One Semester, Grades 11-12

Prerequisite: None

Business Law and Ethics is a business course that provides an overview of the legal system. Topics covered include: Basics of Law, Criminal Law, Civil Law, Employment Law and Property Law. Both criminal and civil trial procedures are presented. Instructional strategies will include mock trials, and guest speakers.

Computer Tech Support
One Semester, Grades 11-12

Prerequisite: Computer Applications & Responsibility 1 or Information Communications and Technology 1 or and Instructor Approval

Being a lab assistant is a great way for students to experience the real world of computer repair while receiving computer credit. As a lab assistant, students are responsible for installing software, maintaining equipment, troubleshooting hardware, and setting up desk-top equipment under the direction of an instructor. Students must demonstrate an ability to work responsibly. Students will also participate in individual and group instructions in a learning center environment. A limited number of students will be chosen for this course; therefore, students must submit an application to the instructor for approval prior to registration. (\$15 computer lab fee in lieu of textbook)

Radio and Television I
One Semester, Grades 10-12

Prerequisites: Information Communications Technology 1 or Computer Applications and Responsibility 1

Radio and Television 1 focuses on communication, media, and production. Emphasis is placed on career opportunities, production, programming, promotion, sales, performance, and equipment operation. Students will also study the history of communication systems as well as communication ethics and law. Students will develop oral and written communication skills, acquire software and equipment operation abilities, and integrate teamwork skills.

Radio and Television 2
One Semester, Grades 10-12
Prerequisite: Radio and Television I

Radio and Television 2 prepares students to train on professional equipment creating a variety of video projects. During this second class, students integrate and build on first-year curriculum while mastering advanced concepts in production, lighting, and audio.

Engineering

INTRODUCTION TO ENGINEERING DESIGN

One Semester, Grades 11-12
Prerequisite: Geometry with a B- or above

Introduction to Engineering Design is a fundamental pre-engineering course where students become familiar with the engineering design process. Students work both individually and in teams to design solutions to a variety of problems using industry standard sketches and current 3D design and modeling software to represent and communicate solutions. Students apply their knowledge through hands-on projects and document their work. Students advance from completing structured activities to solving open-ended projects and problems that require them to develop planning, documentation, communication, and other professional skills. Ethical issues related to professional practice and product development are also presented. Classroom activities are organized to allow students to work in teams and use modern technological processes, computers, CAD software, and production systems in developing and presenting solutions to engineering problems.

PRINCIPLES OF ENGINEERING

One Semester, Grades 11-12
Prerequisite: Introduction to Engineering Design

Principles of Engineering is a course that focuses on the process of applying engineering, technological, scientific and mathematical principles in the design, production, and operation of products, structures, and systems. This is a hands-on course designed to provide students interested in engineering careers to explore experiences related to specialized fields such as civil, mechanical, electrical, and materials engineering. Students will engage in research, development, planning, design, production, and project management to simulate a career in engineering. The topics of ethics and the impacts of engineering decisions are also addressed. Classroom activities are organized to allow students to work in teams and use modern technological processes, computers, CAD software, and production systems in developing and presenting solutions to engineering problems.

ENGLISH

English 9 Two Semesters, Grade 9 Prerequisites: None

English 9 is a survey course for the beginning high school student. Through an integrated study of literature, composition, vocabulary, and grammar, freshmen will further develop their language skills as they read a variety of literary selections & write for various audiences and purposes. Writing assignments will stress proper grammar, usage, mechanics, and sentence structure. Students will read and discuss a novel and complete a research paper.

English 9 Honors Two Semesters, Grade 9 Prerequisites: Noted in description

English 9 Honors, which moves at a faster pace than English 9, basically covers the same material; however, students will read additional literary works and write additional papers based on the literature discussed in class. **Please Note: Placement in this course is based on a combination of the High School Placement Test, academic records from grades six to eight, and middle school level teacher recommendations.**

English 10 Two Semesters, Grade 10 Prerequisites: English 9

English 10 focuses on literature, composition, and speech and integrates these three areas whenever possible. Building on the skills learned in English 9, students read and study many literary genres and may use these readings as a springboard for critical thinking in their writing assignments.

English 10 Honors Two Semesters, Grade 10 Prerequisites: English 9 Honors with a grade of B or above, English 9 with departmental recommendation

English 10 Honors covers the same material as English 10 but in more detail and at a faster pace. This course focuses on literature, composition, and speech, integrating these three areas whenever possible. Building on the skills learned in freshman year, the students read and study many literary genres and they may use these reading selections as springboards for critical thinking in their writing assignments both formal and informal.

English 10 Pre-AP
Two Semesters, Grade 10

Prerequisites: English 9 Honors with a grade of B+ or above

English 10 Pre-AP will better prepare those students who plan to take AP English Jr/Sr year by giving them insight into the rigors of the exam. The course will have higher expectations, focus more on student independence, and will move at a faster pace. The students will critically analyze literature and practice timed-writings. Students may now choose from three options for Sophomore English: English 10, English 10 Honors, and English 10 Pre-AP.

English 11
Two Semesters, Grade 11
Prerequisites: English 10

This class consists of American literature and etymology. The class continues the focus on writing assignments which stress proper grammar, usage, mechanics, and sentence structure. English 11 is a study of literary history of America, spanning from the Exploration Period to the Post-Modern Period. This course emphasizes the authors, their works, and various themes, and the styles and techniques of their historical periods. Etymology will be incorporated into the course and students will learn Latin and Greek roots, connotative/denotative meaning of words in a variety of context, vocabulary, and critical thinking.

English 11- Honors
Two Semesters, Grade 11
Prerequisites: B or better in English 10 Honors

This class consists of American literature and etymology and moves at a faster pace than English 11. The class focuses on writing assignments which stress proper grammar, usage, mechanics, and sentence structure. English 11 Honors is a study of the literary history of America, spanning from the Exploration Period to the Postmodern Period. This course emphasizes the authors and their works, various themes, writings styles, and techniques of different historical periods.

English Language and Composition-Advanced Placement
Two Semesters, Grade 11
Prerequisites: A- or better in English 10 Honors

This course is aligned to the standards set by the College Board for AP Language and Composition. English 11 AP focuses on the analysis of rhetorical devices used in language, argumentative writing and fallacy identification, as well as the ability to synthesize multiple sources into a single essay. In this class, students read and analyze a variety of fiction and nonfiction texts for their persuasive and argumentative appeal. While many works are American, the course does not exclusively focus on American Literature

English 12
Two Semesters, Grade 12
Prerequisite: English 11

This class consists of one semester of English literature and one semester of composition. The English literature semester of this course is the study of English authors and their literary works as well as a review of grammar and basic writing skills. The class examines material from the Old English Period (449 AD) to the Romantics.

The composition semester of this course provides instruction and practice in writing both formal essays and creative pieces. Work includes studying literary analysis, writing research papers and formal letters, and reading and discussing other genres. During the semester, students will also read two modern British novels.

English 12-Honors
Two Semesters, Grade 12
Prerequisites: B or better in English 11 Honors

This class consists of one semester of English literature and one semester of composition. The English literature semester of this course is the study of English authors and their literary works as well as a review of basic writing skills. The class examines material from the Old English Period (449 AD) to the Romantics. Students will be required to give oral presentations to develop their public speaking skills. The Advanced Composition semester of this course provides instruction and practice in writing both formal essays and creative pieces. Work includes studying literary analysis, writing research papers and formal letters, and reading/discussing other genres. **The advance composition portion of this course is offered for dual credit through the University of Southern Indiana. Students must meet the following criteria set by USI in order to participate in the class for dual credit: 1. High school rank percentile of 51% or higher, or high school GPA of 3.8 or higher on a 4.0 scale. 2. New SAT/PSAT Reading score of 25 or higher; or ACT Reading score of 19 or higher. 3. New SAT/PSAT Writing & Language score of 26 or higher; or ACT English or English Language Arts of 19 or higher.*

English Literature and Composition-Advanced Placement
Two Semesters, Grade 12
Prerequisite A- or better in English 11 Honors

English Literature and Composition, Advanced Placement is designed to be a college level course which will provide students with the intellectual challenges and workload consistent with a typical undergraduate literature course. The course will include intensive study of literary works from various genres and periods concentrating on “recognized literary merit” from the recommended AP literature reading list. Students are expected to read deliberately and thoroughly apply critical thinking skills, taking time to understand a work’s complexity, to absorb its richness of meaning, and to analyze how that meaning is embodied in literary form. Summer reading is an important addition to the student’s repertoire with the expectation of drawing upon past reading experience for points of comparison/contrast. Intensive writing assignments are a key component in the course because the AP examination is weighted toward

writing about literature. Writing assignments will focus on the critical analysis of literature and will include expository, analytical, and argumentative essays, taking the Advancement Placement exam at the end of the course is not a requirement. ***Students cannot concurrently take this course and Adv. Composition.**

Themes in Literature-Honors

One Semester, Grades 11-12

Prerequisite: None

This is a one semester elective that involves reading a variety of materials on a particular theme. Students will read independently, and research and present findings through oral reports, creative projects, and formal papers. Students taking this class should be highly motivated and have a strong desire to learn. *Please Note: Credit for this course does not count as one of the eight English credits required for graduation.*

Etymology-Honors

One Semester, Grades 10-12

Prerequisites: None

This one semester elective is designed to provide instruction in Greek and Latin roots, vocabulary expansion, study into the denotative and connotative meanings of words in a variety of contexts, and critical thinking. The course will also focus on providing both strategies and practice for all English sections of the SAT/ACT in critical reading, grammar, usage, vocabulary in context, and writing. *Please Note: Credit for this course does not count as one of the eight English credits required for graduation.*

Advanced Speech and Communications

One Semester, Grades 11-12

Prerequisites: English grade C or above

This course covers the study and application of skills in listening, oral interpretation, media communications, research methods and oral debate. Students deliver different types of oral and multi-media presentations, including speeches to inform, to motivate, to entertain, and to persuade through a variety of delivery styles and for a variety of different types of audiences. Students will also learn to analyze formal presentations for effectiveness. This course is listed as an advanced course because of the quick manner in which material will be covered, and the amount of technical writing that will be involved. *Please Note: Credit for this course does not count as one of the eight English credits required for graduation. Advanced Speech and Communications will be taught every other year alternating with Advanced Theater Arts Honors. *This course will be taught during the 2018-2019 school year.*

STUDENT PUBLICATIONS

Two Semesters, Grades 10-12

Prerequisite: Application Required

The primary objective of this course is to produce the Review, the school's yearbook. This course consists of planning, photographing, selling advertisements, laying out pages, writing copy and editing. All students will study the methods of yearbook production and photography skills so that they can perform any of the various assignments necessary to complete the Review. At the same time, students will concentrate in areas of their choice and assume responsibility for those layouts. Students will be expected to devote time after school to take photos at school events. This course can count as an English credit (but not as one required for graduation) or a Fine Arts credit per semester and does count toward a student's GPA.

English Lab ECA Review

One Semester, Grades 12

Prerequisite: None

This course is required for any senior who has not passed the English 10 End of Course Assessment and is not currently enrolled in an English 10 course. (Transfer students may be exempt) Students will review and practice English and Language Arts skills determined by the Indiana Academic standards, which focus on reading, writing, speaking and listening. The objective is for the student to pass the English 10 End of Course Assessment during the Early Winter Testing Window. *This course carries 1/2 general elective credit and will not count as an English credit. This is a graded course and figured into the student's GPA.*

FINE ARTS DEPARTMENT

Introduction to Two Dimensional Art

One Semester, Grades 9-12

Prerequisite: None

Introduction to two-dimensional art is designed with an emphasis in drawing and printmaking. Our goal is to instill the beginning art student with an understanding and appreciation of the visual arts, both past and present. This course will offer basic technical and philosophical elements and principles which are to be developed during the future as an art student. Students learn various techniques through teacher technical demonstrations and presentations. Student use and develop the elements of design: line, color, shape, form, texture, value and space. Students will experience various media such as: pencil, pastel, linoleum block prints and pen and ink. Art History covering Prehistoric, Egyptian, & Greek are taught at this level. Art criticism is also taught at this level, which allows the student to critically examine current works, current trends and explore the role of the art critic in society. Art criticism is also used as a method of identifying strengths and limitations in student art by reflecting on the nature of art and assessing their ideas and definitions of art and the art community. Emphasis is placed on class projects with an examination each quarter. Materials: \$40 art fee.

Advanced Two Dimensional Art

One Semester, Grades 9-12

Prerequisite: Introduction to Two Dimensional Art

Advanced two-dimensional art is designed with an emphasis on painting and printmaking. This course consists of an understanding of color with concentration in watercolor, tempera, acrylic, oil paints, and etching. Students will also have free assignments to assist in the developing of their own artistic styles. Art History consisting of Gothic, Renaissance, Baroque Painting periods are taught at this level. Art criticism is also used as a method of identifying strengths and limitations in student art work so students can improve their creations as needed. Students will be introduced to the aesthetics of art by reflections on the nature of art and assessing their ideas and definitions of art and art community. Emphasis is placed on the class projects with an examination at each quarter. Students are required to purchase a stretched canvas as specified by the instructor late in the first quarter. Material: \$40 art fee.

Introduction to Three Dimensional Art

One Semester, Grades 9-12

Prerequisite: Introduction to Two Dimensional Art

Introduction to three-dimensional art is designed with an emphasis in ceramics, sculpture, and jewelry. This course will offer basic technical skills in three-dimensional art and understanding of form, texture, and color. Students will have free assignments to assist in the developing of their own artistic styles. Art History consisting of Roman, Romanesque, and Renaissance Sculpture are taught at this level. Materials: \$40 art fee; students are responsible for the cost of precious metals and material for sculpture.

Art History-Honors/Bridge Class

Two Semesters, Grades 10-12

Prerequisite: None

This course will introduce the student to the history of art from the prehistoric to the contemporary art of Western civilization. The course will emphasize the importance of architecture, drawing, painting and sculpture, and its influences on humankind. An understanding and awareness of outstanding works of art will be introduced through slide presentations, movies, and museum visits. This course will also provide information about why man creates visual images and how his/her experience are expressed in these images. Art Appreciations will help the student become visually literate, finding meaning in the efforts of past and present artists. **This course is available for college credit through the University of Evansville Bridge Program.**

Digital Design

One Semester, Grades 11-12

Prerequisite: Introduction to Two Dimensional Art

This in-depth course utilizes student creativity in a commercial art atmosphere. Students will create logos, layouts, and illustrations. In addition, they will need to develop a complete understanding of lettering and composition. Technique will involve computer work along with work by hand. Students will also work with area businesses in commercial design projects. Materials: Art fee of \$40.

Jewelry

One Semester, Grades 11-12

Prerequisite: Introduction to Three Dimensional Art with a B or above and teacher permission This course is an in-depth study into the jewelry making process. Students will study the process of soldering, lost wax, stone setting, and metal manipulation. Students will study current trends as well as the evolution of jewelry and metal uses throughout history. Students will learn to critique their own work examining the relationships between context, form, function, and meaning. Students will be introduced to the aesthetics of art by reflecting on the nature of art and assessing their ideas and definitions of art and the art community. Materials: Art fee of \$40; students will be responsible for cost of precious metals.

Ceramics

One Semester, Grades 10-12

Prerequisite: Introduction to Three Dimensional Art

This class is designed for advanced art students that wish to develop more technical skills in different aspects of ceramics including: clay construction, potter's wheel and glaze applications. Students will have the opportunity to work in low fire oxidation, Raku and reduction firings. Art History consisting of an in-depth analysis of historical and contemporary ceramics from a variety of cultural groups identifying relationships between context, form, and function will be introduced in this course. The students will be taught to critically examine their work in

relationship to historical and contemporary ceramic works. Students will be introduced to the aesthetics of art by reflecting on the nature of art and assessing their ideas and definitions of art and the art community. Materials: Art fee \$40.

Drawing

One Semester, Grades 10-12

Prerequisite: Intro Two Dimensional Art or with teacher recommendation or approval

This class is designed for advanced art students that wish to develop more technical skills in drawing. Students will be exposed to techniques in pastels, colored pencils, charcoals, conte' crayon and colored markers. Students will be taught to critically examine their work in relationship to their peers and to compare their work to historical and contemporary drawings. Students will be introduced to the aesthetics of art by reflecting on the nature of art and assessing their ideas and definitions of art and the art community. Materials: Art fee of \$40.

Painting

One Semester, Grades 10-12

Prerequisite: Advanced Two Dimensional Art

This course is a continuation of Introduction to Two Dimensional Art with a greater emphasis on painting. Painting allows the students to explore their creativity through such mediums as oil, acrylic, watercolor or tempera paints. Students will learn to build frames, stretch and gesso their own canvases and create work using various techniques in painting. The students will be taught to critically examine their work through group discussions, assessing their ideas and critiques. Materials: Art fee of \$50.

Photography 1

One Semester, Grades 11-12

Pre-requisite: None

This course is an introduction to the field of photographic art. Student will be responsible for creating works of art by use of a 35 mm camera. Students will be responsible for the subject matter of full development of their work. Students will be taught to critically examine their work as they progress through the semester. Students will learn to develop film and paper in the darkroom, mount their photographic images and critically assess their creations. Students learn to become proficient through repetitive experimentation with their cameras and in darkroom analysis. Materials: Art fee \$40. 35mm camera, photo paper, film & matting materials are to be purchased by the student. Please Note: Due to limited enrollment in this course, first consideration will be given to students entering their senior year.

Photography II-Honors

One Semester, Grades 11-12

Prerequisites: Photography 1 with a B or better or permission of instructor.

This class is for those students who excelled in Photography 1 and wish to learn advanced techniques and photo manipulation. There will be a greater emphasis on self-expression and experimentation, digital imagery, toning, liquid light and hand coloring. Materials: Art fee of

\$40; 35mm camera, photographic paper, film and matting materials are to be purchased by the student.

**Digital Photography-Honors
One Semester-Grade 12**

Prerequisites: Photography II

The Digital Photography course is designed to show students how to use a digital camera to capture images and use the computer to edit, manipulate, and produce top quality digital photographic images for both the Internet and printing. Students will develop an understanding of the technical and aesthetic foundations in color photography through digital technology. Students will take their own traditional or digital photographs and then utilize various digital photographic techniques with Adobe Photoshop and other color digital presentations, students will examine the technical aspects of their work including composition, lighting, and shadow. Students will be required to create a portfolio of digital images at the end of the semester. Materials: Art fee is \$40 and digital camera with removable N118 Memory Card is required.

Printmaking

One Semester, Grades 10-12

Prerequisites: Introduction to Two Dimensional Art.

This course is an in-depth study of the printing process. Students will study the processes of intaglio, dry point, linoleum block, and lithography. Students will also study current trends as well as the evolution of printing as an art form. The students will be taught to critically examine their work in relationship to historical and contemporary prints. Students will be introduced to the aesthetics of art by reflecting on the nature of art and assessing their ideas and definitions of art and the art community. Materials: Art fee of \$40.

Advanced Ceramics-Honors

One Semester, Grades 10-12

Prerequisite: Ceramics

This course is designed for students that excelled in ceramics and desire more technical skills. Advanced Ceramics allows much more artistic freedom and creativity. Students will have the opportunity to work in low fire oxidation, Raku and reduction firings and work with porcelain, stoneware, earthenware, and demonstrate unique glazing techniques. Students will be introduced to the aesthetics of art by reflecting on the nature of art and assessing their ideas and definitions of art and the art community. Materials: Art fee of \$40.

Advanced Painting-Honors

One Semester, Grades 10-12

Prerequisite: Painting

This course is a continuation of Painting and gives students opportunity to explore various techniques learned in Advanced Two Dimensional Art and Painting. Students enrolled in Advanced Painting will be exposed to various techniques in watercolor, acrylic, and oil paints. Students will learn to build frames, stretch and gesso their own canvases and create work using

various techniques in painting. The students will be taught to critically examine their work through group discussions, assessing their ideas and critiques. Materials: Art fee of \$40 and wood for stretched canvas.

**Advanced Drawing-Honors
One Semester, Grades 10-12**

Prerequisite: Drawing

This class is intended for advanced drawing students that wish to acquire more technical skills and artistic expression. Students will be exposed to techniques learned in drawing including: pastels, colored pencils, charcoal, conte' crayon and colored markers. Students will critically examine their work in relationship to their peers and compare their work to historical and contemporary drawings. Students will be introduced to the aesthetics of art by reflecting on the nature of art and assessing their ideas and definitions of art and the art community. Materials: Art fee of \$40.

**Advanced Jewelry Making and Metals-Honors
One Semester, Grades 11-12**

Prerequisite: Jewelry

This course is for advanced jewelry and metal working students who want to acquire more knowledge and technical skills in metal casting and jewelry design. Students will create metal work with an emphasis on skill and creativity. Materials: Art fee of \$40; students will be responsible for cost of precious metals.

**Studio Art-Honors
One Semester, Grades 11-12**

Prerequisite: Minimum of four previous semesters of visual art

This course is especially important for students wishing to major in visual art, architecture, fashion design, or graphic design and who will be applying for admission or scholarships within an institution of higher learning. The instructor of this course will teach students preparation skills for a fine arts portfolio for acceptance and/or scholarships in higher education. This course will include slide photography, remounting and copying slides, resume work, design preparation, scholarship information and portfolio enhancement of past and present visual artwork. This course will offer students a comprehensive, competitive edge when applying for scholarships or admittance into academia. Materials: Art fee \$40; students are responsible for slide film and a small slide/digital portfolio.

VOCAL MUSIC

**Beginning Chorus
Two Semesters, Grades 9-12**

Prerequisite: None

Beginning Chorus is designed to offer beginning students the opportunity to enjoy singing together while learning techniques of good vocal production and an awareness of the basic principles of musicianship and performance. There are two major performances during the school year: Christmas Concert and Spring Concert. Selected students may be asked to participate in vocal contests and/or community performances. Reasonable rehearsal time after school and/or evenings is necessary the week preceding performances. A \$30 choir fee will be assessed once per academic year. This includes the rental of a performance outfit, music, and other choir needs.

Intermediate/Advanced Chorus

Two Semesters, Grades 9-12

Prerequisite: Teacher Permission Required

Advanced Chorus is an advanced class designed to meet the needs of the more experienced and/or dedicated student. The class includes sight singing, accountability tests, and performances such as solo/ensemble contest, organizational contest, music festivals, programs for civic groups, as well as three major performances. Reasonable rehearsal time after school and/or evenings is necessary preceding major performances. A \$30 choir fee will be assessed once per academic year. This includes the rental of a performance outfit, music, and other choir needs. Auditions will be held before classes are assigned in the spring.

INSTRUMENTAL MUSIC

Intermediate/Advanced Concert Band

Two Semesters, Grades 9-12

Prerequisites: Permission of high school director

Concert Band provides students with a balanced comprehensive study of music through performance. Ensemble and solo activities are designed to develop elements of musicianship including tone production, technical skills, intonation, music reading skills, listening skills, analyzing music, studying historical styles of literature and integration of other applicable disciplines. Students study a varied repertoire of developmentally appropriate concert band literature and develop the ability to understand and convey the composer's intent in performances. Public performance may serve as a culmination of daily rehearsals and music goals. Students required to participate in performance opportunities outside the school day that support and extend learning in the classroom.

Students participating in Concert Band also have the opportunity to participate in additional outside performance ensembles including Marching Band, Pep Band, and Jazz Band.

Percussion Ensemble

One Semester, Grades 10-12

Prerequisite: None

Percussion ensemble is for the student interested in learning the fundamentals of percussion performance in an ensemble setting as well as the fundamentals of music. This course is reserved for students that have little or no previous experience in musical performance. Skills

taught in the course include music reading, basic technique on keyboard and non-pitched percussion, study developmentally appropriate percussion ensemble literature, and evaluation of ensemble performance. Performance of major scales and standard percussion rudiments will be a part of the end of semester assessment. The class will also have one required out of school performance.

Beginning/Intermediate/Advanced Orchestra
Two Semesters, Grades 9-12

Prerequisite: Recommendation of director

Orchestra provides students with a balanced and comprehensive study of music through performance. Ensemble and solo activities are designed to develop elements of musicianship including tone production, technical skills, intonation, music reading skills, listening skills, analyzing music, studying historical styles of literature and integration of other applicable disciplines. Students study a varied repertoire of developmentally appropriate string orchestra literature and develop the ability to understand and convey the composer's intent in performance. Public performances may serve as a culmination of daily rehearsal and musical goals. Students are required to participate in performance opportunities outside the school day that support and extend learning in the classroom.

Applied Music: Beginning Guitar
One Semester, Grades 10-12

Prerequisite: None

Applied Music-Beginning Acoustic Guitar is for the student who is interested in learning the fundamentals of guitar playing as well as the fundamentals of music. This course is reserved for students who have little or no previous experience in playing guitar. Skills taught in this course include reading tablature, reading musical notation, reading chord symbols, playing various accompanying styles, playing single melodic lines, and improvising and composing using basic harmonic patterns. Students are expected to provide their own acoustic guitar. A limited number of guitars will be available to rent for a fee of \$25 on a first come, first served basis. All students will perform at a recital for part of their final exam grade.

Applied Music: Piano and Electric Keyboard
One Semester, Grades 11-12

Prerequisite: None

Applied Music-Beginning Piano is for the student who is interested in learning keyboarding skills and music fundamentals. This course is intended for students who have had little or no experience in playing piano. Skills taught in this class include reading musical notation, keyboard technique, fundamentals of harmony, rhythm and form, musical styles from various culture and periods. Students must plan to make arrangements to practice between classes, whether at school or elsewhere. All students will perform at a recital for part of their final exam grade.

GENERAL MUSIC

Music Theory, Advanced Placement

Two Semesters, Grades 10-12

Prerequisite: Teacher Recommendation

Music Theory, Advanced Placement is a course based on the content established by the College Board and reflects the coverage of content and level of skills typical of most first-year college courses. This course will integrate aspects of melody, harmony, texture, rhythm, form, musical analysis, musical composition, history and style. The student's ability to read and write musical notation is fundamental to the course and it is also assumed the student has acquired at least basic performance skills in voice or on an instrument. Students must have permission of the instructor to register for this course.

DRAMATIC ARTS

Theatre Arts 1

One Semester, Grades 9-12

Prerequisite: None

Theatre Arts 1 is an introduction to the unique medium of theatre arts. Theatre Arts I introduces the novice student to the work of theatre, its history, purpose, technology, design crafts, language, business and art. Students will be exposed to a variety of teaching methods which include but are not limited to classroom instruction, practicum, stage construction, observation, and demonstration. Students will be expected to learn various stage crafts and then accurately perform the craft. Students will have the opportunity to practice design and construction of sets and costumes and handle lighting equipment, stage management, and publicity matters. This class involves set construction work; therefore, students will learn to use power tools and will work with sharp and potentially injurious objects. Students are required to display a great deal of personal responsibility for safety at all times.

Theatre Arts 2: Theatre Production

One Semester, Grades 10-12

Prerequisite: Theatre Arts 1 with grade of C+ or above

Theatre Arts 2 is a class for the student who is serious about developing and refining performance skills. This class will utilize a theatre workshop environment to explore the world of theatre performance. Students will be introduced to voice and articulation training as well as stage movement. Theatre Arts 2 students will receive training to properly analyze a play and will be expected to demonstrate an understanding and appreciation of a playwright's meaning. The student will interpret a play and express this interpretation in terms of the actor's experience and imagination. The student will be expected to demonstrate an understanding of rehearsal techniques and performance skills, which will be introduced in class. The Theatre Arts 2 student should have the ability to read a variety of performance literature independently to develop scenes for performance. The student and his or her classmates will collectively design and produce a one act theatrical show.

**Advanced Theatre Arts-Honors
One Semester, Grades 10-12**

Prerequisites: Theatre Arts 1 and 2 with grades of B or above and approval of the Theatre Department Director

Advanced Theatre Arts is an advanced theatre production and design course for the student who expresses a high level of interest and commitment to the theatrical arts. The student will be involved in a variety of production activities designed to advance his or her knowledge, creativity, and success in the realm of theatre. The student will expand his or her performance technique, centering a great deal on Constantin Stanislavski's method of acting, effective memory, and emotional recall. The Advanced Theatre Arts student will analyze a variety of theatrical scripts, focusing on script construction, and interpretation. The student will express his or her own thoughts through the medium of scriptwriting, producing, monologues and scenes of his or her own. The Advanced Theatre Arts student will learn the history of theatre and theatrical expression, learning a variety of theatrical methods and styles of production from different historical periods and areas of the world. The student and his or her classmates will collectively design and produce a period theatrical performance. Advanced Theater Arts will be taught every other year alternating with Advanced Speech and Communications. *This course will be taught during the 2017-2018 school year.

MATHEMATICS

Mathematics Department Graphing Calculator Policy

Graphing calculators are required for Algebra 2, all levels, Finite Mathematics, Probability and Statistics, Foundations of Pre-calculus, Pre-calculus, Trigonometry, Calculus Advanced Placement, and Introductory Calculus. Students in other mathematics classes are not required to have a graphing calculator and often will not be allowed to use one. A scientific calculator is usually allowed for use in classes not requiring a graphing calculator.

Students in classes which require a graphing calculator will be expected to have a TI-84 or TI-84 Plus calculator when school begins in August. (TI is the Texas Instruments brand.) Teachers will explain keystrokes and provide programs only for these calculator models. In addition, there may be times when other calculators, such as the TI-89, will not be allowed for use on tests or quizzes.

If purchasing a graphing calculator is a financial hardship on your family, contact the principal for assistance.

MathXL for School will be used for online assignments in the following courses: Algebra 1 (all levels), Algebra 2 (all levels), Geometry (all Levels), Foundations of Pre-Calculus, and Pre-Calculus.

(MathXL or its equivalent will not be used in Algebra 1 ECA Review, AP Calculus, Introductory Calculus, Finite Mathematics, Probability and Statistics, Trigonometry, and SAT/ACT Mathematics Test Preparation.)

Students are required to keep a notebook of the work done for MathXL assignment items prior to submitting them.

Such notebooks are subject to collection and grading, at the teacher's discretion.

Assignments from the textbook may be assigned, collected, and evaluated, at the teacher's discretion.

Students in Algebra 1 (all levels), Algebra 2 (all levels), and Geometry will have access to the etext through **Pearson Realize**. Teachers will set up that access for their students. The Realize platform may be used for assignments, quizzes, and tests, at the teacher's discretion.

First Year Algebra

Students entering ninth grade who wish to bypass the first year of Algebra must have a B (3.0) average or above in Algebra 1 to be placed in Geometry-Honors

Algebra 1 & Algebra 1 Lab Two Semesters, Grade 9

Prerequisites: This course is recommended for students who earned lower than a B in Pre-Algebra, or who earned scores below the benchmark on the Mathematics portion of the ISTEP or High School Placement exams.

Students taking Algebra 1 with Math Lab will have Algebra class **every day** instead of the usual every other day schedule. The additional time in Algebra class will give students a greater opportunity to master the concepts of Algebra 1 and to better prepare for the Math portion of ISTEP+, Grade 10. Because this class meets five days per week, the students will have more opportunity to work on assignments during class, while the teacher is available to assist them with any difficulties they encounter. There will also be more time allotted for review.

This class begins with a review of variables and expressions, properties, operations with real numbers, and solving linear equations. The course then develops concepts related to graphing functions and relations, analyzing linear equations, solving linear inequalities, solving systems of equations and inequalities, monomials, and polynomials, factoring polynomials, quadratic & exponential functions and rational expressions and equations. Applications of these topics and connections with other areas of mathematics will be emphasized throughout the course.

Students who pass this course will earn two credits per semester – one credit for Algebra 1 and one credit for **Algebra 1 Lab**. The Algebra 1 credit counts towards the mathematics requirements for graduation; however, the **Algebra 1 Lab** credit does not count as a mathematics credit towards graduation.

Algebra 1
Two Semesters, Grade 9

Prerequisites: This course is recommended for students who earned a B in Pre-Algebra, test scores at or just above the benchmark on the mathematics portion of the ISTEP and High School Placement Exam.

This class begins with a review of topics from Pre-Algebra including variables and expressions, properties, operations with real numbers, and solving linear equations. The course then develops concepts related to graphing functions and relations, analyzing linear equations, solving linear inequalities, solving systems of equations and inequalities, monomials, and polynomials, factoring polynomials, quadratic & exponential functions, quadratic functions and equations, radical equations, and rational expressions and equations. Applications of these topics and connections with other areas of mathematics will be emphasized throughout the course. This class meets on the normal every **other** day schedule.

Algebra 1 - Honors
Two Semesters, Grade 9

Prerequisites: Algebra 1 in 8th grade or Pre-Algebra with a B or higher and test scores at or above the benchmark on the mathematics portion of the ISTEP and High School Placement exams.

This class begins with a very quick review of topics from Pre-Algebra including variables and expressions, properties, operations with real numbers, and solving linear equations. The course then develops concepts related to graphing functions and relations, analyzing linear equations, solving linear inequalities, solving systems of equations and inequalities, monomials, and polynomials, factoring polynomials, quadratic & exponential functions, quadratic functions and equations, radical equations, and rational expressions and equations. Applications of these topics and connections with other areas of mathematics will be emphasized throughout the course. This class meets on the normal every **other** day schedule.

Geometry
Two Semesters, Grades 10-12

Prerequisites: Algebra 1 with a C or above; Algebra 1 - Honors with a C- or above

Geometry is based on principles of logical reasoning. Students develop their deductive reasoning skills throughout the course by providing informal justifications and informal arguments as well as by writing formal two-column and paragraph proofs. Topics included are properties of points, lines, planes, angles, reasoning and proof, perpendicular and parallel lines, congruent triangles, relationships in triangles, proportion and similarity, right triangles and trigonometry, quadrilaterals, transformations, circles, areas of polygons and circles, surface area of solids, and volume. Applications of these topics and their connections with other branches of mathematics will also be explored.

Geometry - Honors

Two Semesters, Grades 9-10

Prerequisites: Algebra 1 - Honors with an A or A-; Algebra 1 with an A; or Department Recommendation for incoming freshmen

This course covers all of the material found in **Geometry**, but at a faster pace and in more depth, and will devote additional time to applications, connections, and problem solving. This course is designed for students with superior mathematical ability who want the challenge of a more intense course. Topics included are points, lines, planes, angles, reasoning and proof, perpendicular and parallel lines, congruent triangles, relationships in triangles, proportion and similarity, right triangles and trigonometry, quadrilaterals, transformations, circles, areas of polygons and circles, surface area of solids and volume. Applications of these topics and their connections with other branches of mathematics will also be explored.

Algebra 2

Two Semesters, Grades 11-12

Prerequisites: Geometry and a grade of C or above in Algebra 1 (any level)

Algebra 2 is a basic level second-year algebra course which includes nearly all the topics of Algebra 2 – Honors, but usually covers them in less depth. As students continue the study of algebra, they relate and apply algebraic concepts to other areas of mathematics through realistic and relevant applications. Topics of this course include solving equations and inequalities, linear relations and functions, systems of equations and inequalities, linear relations and inequalities, polynomial functions, conic sections, rational expressions and equations, exponential and logarithmic relations, sequences and series, and probability and statistics. *A graphing calculator is required for this class. See Graphing Calculator Policy on page 29.*

Algebra 2 - Honors

Two Semesters, Grades 10-12

Prerequisites: Geometry - Honors or Geometry with a C or above

This course covers all of the material included in the **Algebra 2** course, but in more depth and will devote additional time to applications, connections, and problem solving. This course is designed for students who want the challenge of a more intense course in preparation for college mathematics. Topics of this course include solving equations and inequalities, linear relations and functions, systems of equations and inequalities, linear relations and functions, polynomials, quadratic functions and inequalities, polynomial functions, conic sections, rational expressions and equations, exponential and logarithmic relations, sequences and series, and probability and statistics. *A graphing calculator is required for this class. See Graphing Calculator Policy on page 29.*

Foundations of Pre-calculus

Two Semesters, Grade 12

Prerequisites: Algebra 2 - Honors with a C & above or Algebra 2 with a B- & above

Foundations of Pre-calculus is a mathematics course which provides a foundation of pre-calculus concepts, techniques, and applications to prepare students for more advanced work. Topics included in this course are linear relations and functions, systems of equations and inequalities, the nature of graphs, polynomial and rational functions, conics, logarithmic and exponential functions, trigonometric functions and their graphs, and trigonometric identities and equations. *A graphing calculator is required for this class. See Graphing Calculator Policy on page 29.*

Pre-calculus - Honors

Two Semesters, Grades 11-12

Prerequisites: Algebra 2 - Honors with a B- or above

Pre-calculus is an advanced fourth-year mathematics course with emphasis on theory, method, and application. This course combined with Trigonometry provides a solid foundation for a first-year course in calculus. The topics included are linear relations and functions, systems of equations and inequalities, polynomial and rational functions, the nature of graphs, vectors and parametric equations, conics, exponential and logarithmic functions, sequences and series, combinatorics and probability, and statistics and data analysis. Students are required to take both Pre-calculus and Trigonometry before enrolling in **Calculus–Advanced Placement** or **Introductory Calculus**. Pre-calculus and Trigonometry can be taken concurrently. **Students may earn college credit through Ivy Tech Community College for this course. A graphing calculator is required for this class. See Graphing Calculator Policy on page 29.**

Trigonometry - Honors

One Semester, Grades 11-12

Prerequisites: Algebra 2 - Honors with a B- or above; or Pre-calculus with a C or above

This course provides for the development of the trigonometric relationships from an understanding of the circular functions and their properties and graphs. Topics included in this course are the unit circle, trigonometric functions, solving triangles, trigonometric graphs, trigonometric identities and equations, polar coordinates, and complex numbers. Students are required to take both Pre-calculus and Trigonometry before enrolling in **Calculus–Advanced Placement** or **Introductory Calculus**. Pre-calculus and Trigonometry can be taken concurrently. *A graphing calculator is required for this class. See Graphing Calculator Policy on page 29.*

Calculus Advanced Placement/Bridge Class

Two Semesters, Grade 12

Prerequisites: Pre-calculus and Trigonometry with a B- or above

This is a college-level calculus course designed to prepare students to pass the Advanced Placement exam for AB Calculus. Emphasis is placed on the mathematical theory upon which the concepts of calculus are based. Applications of these concepts will also be emphasized. Topics will include rate of change, limits, derivatives, curve sketching, related rates, extrema, indeterminate forms, antiderivatives, definite integrals, approximation of definite integrals, areas, lengths of curves, volume and surface area of solids, and methods of integration. These topics will be applied to algebraic, trigonometric, inverse trigonometric, exponential, and logarithmic functions. Concepts will be presented analytically, numerically, graphically, and verbally whenever these are appropriate. ***A graphing calculator is required for this class. See Graphing Calculator Policy on page 29. This course is available for college credit through the University of Evansville Bridge Program.***

**Introductory Calculus
One Semester, Grade 12**

Prerequisites: Pre-calculus and Trigonometry with a C or above

Introductory Calculus is a one-semester course designed to give students experience with calculus without the rigors of a college-level calculus course. The course emphasizes application of concepts and problem solving rather than the mathematical theory of calculus. This course provides students with an excellent head start into their college calculus program. Topics include functions, graphs, limits, derivatives, curve sketching, related rates, extrema, antiderivatives, definite integrals, areas, exponential functions, the natural logarithmic function, and, if time allows, techniques of integration. ***A graphing calculator is required for this class. See Graphing Calculator Policy on page 29.***

**Probability and Statistics
One semester, Grade 12**

Prerequisite: Pre-calculus with a C or above; or Algebra 2 with a B- or above

Probability and Statistics is designed for students with a wide variety of interests and future vocational and educational ambitions. Topics included are descriptive statistics, probability, inferential statistics, and methodology. Applications and examples from various fields will be liberally used throughout the course.

Activities will be assigned to engage students in the decision-making process of statistics including data collection, analysis, and application, and in the random behavior of probability. ***Technology, such as computers and graphing calculators, will be used frequently. See Graphing Calculator Policy on page 29.***

**Finite Mathematics
One semester, Grade 12**

Prerequisite: C or better in Algebra 2

Finite Mathematics can be taken in conjunction with Probability and Statistics. Together they form an alternative to the traditional Pre-Calculus and Calculus courses. This intended course sequence is designed for students who will undertake higher-level mathematics in college that

may not include calculus. Students may choose to take only one of these two courses. Topics included are counting techniques, matrices, recursion, graph theory, social choice, linear programming, and game theory. *Technology, such as computers and graphing calculators, will be used frequently. See Graphing Calculator Policy on page 29.*

Algebra 1 ECA Review
One Semester, Grades 10-12
Prerequisite: None

This course is required for any sophomore, junior, or senior who has not passed the Algebra 1 End of Course Assessment and is not currently enrolled in an Algebra 1 course. (Transfer students may be exempt.) Students will review and practice Algebra 1 skills determined by the Indiana Academic Standards with the objective of students passing the Algebra 1 End of Course Assessment during the Early Winter testing window. **This course carries ½ general elective credit and will not count as a mathematics credit. It is a graded course and will be figured into the student's GPA.**

Math Tutorial - Geometry / Algebra 2
One or Two Semesters
Prerequisite: Department Recommendation

This course provides students with individualized instruction designed to support success in completing Core 40 mathematics coursework. Students will receive individualized and group instruction from a mathematics teacher and peer tutors. This course is to be taken concurrently with Geometry or Algebra 2. **Note: This course counts a .5 credit per semester but is not graded and is not figured into the student's GPA. A grade of Pass/Fail will be given on the student's report card.**

SAT/ACT Mathematics Test Preparation
One Semester, Grades 10-12
Prerequisites: Geometry

This course will review mathematical content covered on the SAT and ACT tests, familiarize students with test formats, equip students with test taking strategies, and provide students with test taking practice. **This course will count as a general elective and will not carry mathematics credit.**

Cadet Mathematics Teaching
One Semester, Grades 11-12
Prerequisite: Overall GPA of B or above

This course provides students an organized exploratory teaching experience by assisting with the Geometry /Algebra 2 Tutorial class. Class responsibilities will include individual and group tutoring, educational research, creating and implementing instructional activities. **Before registering for this class, a letter of application must be submitted to the chair of the mathematics department.**

NON- DEPARTMENTAL

CADET TEACHING

One Semester, Grade 12

Prerequisite: Overall GPA of B- (2.66) or above

Cadet teaching is open to seniors who have a serious interest in becoming teachers. The cadet works one block every other day under the supervision of a teacher, observes classes at grade levels K-12, and completes projects approved by the supervising teacher and the high school supervisor. Due to limited space, students will need to demonstrate their interest in teaching as a career. Before registering for this class, a letter of application must be submitted to the Assistant Principal of Curriculum and Instruction.

SCHOOL WEBSITE

One Semester, Grades 11-12

Prerequisite: Application Required

The purpose of this course is to create, update, and maintain the school website. Students should have good keyboarding skills, experience in creating web pages, and a good command of the English language. Students should be prepared to spend some time outside of class to work on the school website. A limited number of students will be chosen for this course; therefore, students must submit an application to the website supervisor for approval prior to registration. This course carries one (1) credit per semester and does count toward GPA.

STUDY BLOCK

One Semester, Grades 9-12

Prerequisite: None

Study Block is a no credit offering. Students who enroll in a Study Block will be required to study independently or in small groups. Peer and staff tutoring will be available upon request. This block is designed for students who are struggling academically and need assistance with time management. The scope of the Study Block will range from assistance with a specific assignment to guiding students through the process of becoming self-directed learners. ***Note: Students enrolled in Special Resource are ineligible for the Study block.***

SERVICE LEARNING – COMMUNITY SERVICE

One Semester, Grades 11-12

Prerequisite: All service requirements must be up to date, enrolled in Catholic Social Justice, Application required

In keeping with Memorial's mission statement that expresses our goal of fostering a commitment to service among our students, the service learning class will provide opportunities for participation to deepen their understanding of their own call to serve others and put that call into action. This course will allow students to develop relationships with various charitable organizations, to assist in planning school service projects, and carry out certain acts of service. The three components of the Memorial High School Service Project – education, participation, and reflection – will be present throughout the course. The following educational themes will

accompany the service element: the corporal works of mercy, the Gospel call to love and serve our neighbor, and the dignity of the human person.

PHYSICAL EDUCATION / DRIVER EDUCATION / HEALTH

PHYSICAL EDUCATION I

One Semester, Grades 9

Prerequisite: None

This co-educational course is designed to introduce the student to basic skills and rules of different sports such as soccer, volleyball, softball, and basketball. Individual activities provide an opportunity for challenge and self-improvement. This course can be adapted or modified to meet the individual needs of students with disabilities. Materials: gym suit to be purchased at bookstore, white socks, and gym shoes (sweat suit optional). Possible field trips include sand volleyball, tennis and bowling. There is not a fee for sand volleyball and tennis; however, there is a \$30 fee for bowling. **PLEASE NOTE:** It is highly recommended that students take this course as ninth graders. It may be delayed to tenth grade if necessary; however, approval of the Assistant Principal for Curriculum and Instruction is required. **Note: This course carries one (1) credit per semester and does count toward GPA.**

PHYSICAL EDUCATION II

One Semester, Grades 10

Prerequisite: Physical Education I

This co-educational course is designed to develop the same skills as Secondary Physical Education I, but to a higher degree of proficiency. Team activities for the second year include tag football, volleyball, basketball, volley tennis, pickleball, softball, and speedball. Individual activities include badminton, tennis, and paddleball. This course can be adapted or modified to meet the individual needs of students with disabilities. Materials: gym suit to be purchased at bookstore, white socks, and gym shoes (sweat suit optional). Possible field trips include sand volleyball, tennis and bowling. There is not a fee for sand volleyball or tennis; however, there is a \$30 fee for bowling. There may also be a \$30 fee for a possible six-week self-defense class for the female PE classes. **PLEASE NOTE: It is highly recommended that students take this course as tenth graders. It may be delayed until eleventh grade if necessary; however, approval of the Assistant Principal for Curriculum and Instruction is required. Note: This course carries one (1) credit per semester and does count toward GPA.**

HEALTH EDUCATION

One Semester, Grades 10

Prerequisite: None

This course provides a detailed study of health in order to explain the WHY, HOW, and WHAT of maintaining good health. The course includes the major content areas in a planned, sequential, comprehensive health education curriculum as expressed in the Indiana Health Education Proficiency Guide: (1) Growth and Development; (2) Mental and Emotional Health;

(3) Community and Environmental Health; (4) Nutrition; (5) Family Life Education; (6) Consumer Health; (7) Personal Health; (8) Alcohol, Tobacco, and Other Drugs Education; (9) Intentional and Unintentional Injury; and (10) Health Promotion and Disease Prevention. The course emphasizes moderation as a key to maintaining sound health practices. Some of the wide range of careers available in the health field will also be explored.

ELECTIVE PHYSICAL EDUCATION/DRIVER EDUCATION/HEALTH

CURRENT HEALTH ISSUES

One Semester, Grades 11-12

Prerequisite: Health Education with a C+ or higher grade

This course provides the opportunity to focus on emerging trends in health. Topics include but are not limited to: (1) medical technology (2) local, state, national health policy (3) healthcare issues (4) health careers (5) chronic and communicable diseases (6) first aid and CPR (7) mental disorders (depression, bipolar, etc...) (8) alcoholism (9) marijuana and methamphetamine (10) consumer health. The course is driven by student selection of topics and emphasizes individual learning techniques.

DRIVER EDUCATION

One Semester, Grades 10-12

Prerequisites: The student must possess a certified driver education permit from the Indiana Motor Vehicle Bureau and must be at least 15 years of age when entering the course. Students residing in Kentucky must be at least 16 years of age.

This course is a combination of driver education and alcohol education.

DRIVER EDUCATION: This portion of the course will include a minimum of thirty (30) hours of classroom instruction and six (6) hours of behind-the-wheel instruction. These (6) hours of behind the wheel drives must be completed by the end of the semester. If the student does not complete the (6) hours during this time, the remaining drives will be completed at the driving instructor's discretion. The purpose of this area of the course is to impart basic knowledge and skills needed in the proper operation of an automobile. It intends to give the student an understanding of the practical operation, function, and maintenance of the vehicle.

ALCOHOL EDUCATION: Approximately two weeks will be used to study the effects of alcohol on the human body, especially the results of drinking and driving. *The cost of this course is \$175 plus a special fee for the behind the wheel drive test. *Note: Reitz Memorial High School's driver's education department is not obligated to complete any drives or give drive tests to any student who transfers from Reitz Memorial High School.*

WEIGHT TRAINING 1

One Semester, Grades 10-12

Prerequisites: Physical Education 1 and 2

This course is offered to male students only. This course is designed to introduce students to strength training in order to promote the concept of athletic development and physical preparation. This class will present the basics of weight training, teach proper lifting techniques/progressions/regressions, and provide each student an opportunity to become more

physically prepared to compete athletically. Proper technique and safety will be emphasized.
Note: This course carries one (1) credit per semester and does count toward GPA.

WEIGHT TRAINING 2

One Semester, Grades 11-12

Prerequisite: Weight Training I

This activity portion of this class will be similar to Elective PE/Weight Training I. In addition to weightlifting, emphasis will also be placed on agility and speed development, core strength, and flexibility. Academically, this course will also focus on the importance of good nutrition and exercise in promoting wellness. ***Note: This course carries one (1) credit per semester and does count toward GPA.***

LIFETIME SPORTS AND FITNESS

One Semester, Grades 11-12

Prerequisites: Physical Education 1 and 2

This co-educational course provides an opportunity for more skill development of the activities introduced in Physical Education 1 and 2. The areas covered include tag football, basketball, weight training, bowling, softball, tennis, volleyball, ping-pong, pickle-ball, and golf. Emphasis will also be placed on exercise and good overall physical fitness, through daily stretching routines and cardiovascular workouts. ***Fee: \$30 for bowling. Additional fees may be charged for field trips or out-of-school activities. This course carries 1/2 credit per semester and does not count toward GPA or the Academic Honor Diploma's required credits.***

MODERN FITNESS

One Semester, Grades 11-12

Prerequisites: Physical Education I and II with a B or higher grade

This course is offered to female students only. Students will participate in physical fitness activities to enhance fitness. This course includes physical participation as well as setting personal fitness goals. Fitness activities include: aerobics, jogging, walking, Pilates, yoga, in-line skating, Krav Maga, toning, swimming, and weight training. Student must be motivated and willing to work. ***Fees: TBA (off campus training for yoga, Krav Maga, in-line skating, wall-climbing) Note: This course carries one (1) credit per semester and does count toward GPA.***

SCIENCE

BIOLOGY 1

Two Semesters, Grades 9-10

Prerequisite: None

This course is designed to guide the student to discover basic biological concepts and gain laboratory skills. The student develops the ability to define a problem, set up an experiment, observe carefully, reason critically, and arrive at valid conclusions. Familiarity with many of the basic biological themes is gained through individual and group experimentation. These themes include the history of biological concepts and discoveries, the genetic continuity of life, the biological basis of behavior, and the interrelationships of organisms and their environments. This course is required to meet CORE 40 and Academic Honors Diploma requirements.

EARTH AND SPACE SCIENCE 1

Two Semesters, Grades 9-10

Prerequisite: None

The students in this course will cover topics in astronomy, geology, oceanography and meteorology where they will gain knowledge of how the earth operates as a collection of systems and processes. The course involves improving mapping skills, gathering and testing data and utilizing concepts of energy, matter and conservation.

CHEMISTRY 1 Honors

Two Semesters, Grades 10-12

Prerequisites: Algebra and Science averages of B- or above

This course is designed to prepare students for advanced chemistry and/or college courses and has a strong mathematics base. Quantum mechanics, gas laws, acid/base chemistry, and equilibrium replete with their respective equations will be covered. A non-graphing scientific calculator is required for this course. This course or Integrated Chemistry-Physics is required to meet CORE 40 curriculum and Academic Honors Diploma requirements.

INTEGRATED CHEMISTRY-PHYSICS

Two Semesters, Grades 10-12

Prerequisite: Biology with a grade of D+ or above or a combination of Biology and Earth Space Science.

This is a lab-based course in which students explore fundamental chemistry and physics principles. Students enrolled in this course examine, through the process of scientific inquiry, the structure and properties of matter, chemical reactions, forces, motion, and the interactions between energy and matter. Working in a laboratory environment, students investigate the basics of chemistry and physics in solving real-world problems that may have personal or social consequences beyond the classroom. A scientific calculator is required for this course. This course or Chemistry 1 Honors is required to meet CORE 40 curriculum and Academic Honors Diploma requirements.

CHEMISTRY II Honors/Bridge Class

Two Semesters, Grades 11-12

Prerequisites: Chemistry-Honors with a grade of B- or above Concurrent or Previous enrollment in Algebra 2 – Honors with a grade of B- or above

This second year chemistry course is taught at a college level from a college text. It consists of instructional based activities correlated with labs. Some independent and group research and presentation are required. In addition to general chemistry, which corresponds to freshman college chemistry, some organic chemistry and biochemistry will be covered. This course requires a strong background in mathematics. *This course is available for college credit through the University of Evansville Bridge Program.*

CHEMISTRY, ADVANCED PLACEMENT/Bridge Class

Two Semesters, Grades 11-12

Prerequisites: Chemistry – Honors with a grade of A- or above. Algebra 2 – Honors with a grade of A- or above.

This second year chemistry course is taught at a college level and from a college text. It is designed to be the equivalent of a college introductory chemistry course often taken by chemistry majors their first year of college. Some independent and group research will be required. This course covers the structure and states of matter, nuclear chemistry, types of reactions, kinetics, equilibrium, thermodynamics and descriptive chemistry, as well as other related topics. A lab notebook will be required. Students will also be required to take the AP exam in the spring. *This course is available for college credit through the University of Evansville Bridge Program.*

BIOLOGY II – Honors/Bridge Class

Two Semesters, Grades 11-12

Prerequisites: Biology grade of B- or above for both semesters; Chemistry – Honors, or Integrated Chemistry/Physics with an A- or A; Geometry – Honors, or Geometry with a B- or above This is a second year biology course taught at a college level and requiring a college text. It covers scientific method, plant anatomy and physiology, cell biology, biotechnology, genetics, and human anatomy and physiology. Dissection is a course requirement. Some independent and group research and presentation are required. *This course is available for college credit through the University of Evansville Bridge program.*

BIOLOGY, ADVANCED PLACEMENT/Bridge Class

Two Semesters, Grades 11-12

Prerequisites: Biology with a B+ or better and Chemistry Honors with a B+ or better.

Advanced Placement Biology is a course that follows the College Board's Advanced Placement course outline. Students enrolled in the course prepare for the College Board's Biology Advanced Placement Examination. The two central goals of the AP program in Biology are to help students develop a conceptual framework for modern biology and gain an appreciation of science as a process. Topics include molecules and cells, heredity and evolution, and organisms and populations. Dissection is not a component of this course. *This course is available for college credit through the University of Evansville Bridge Program.*

ENVIRONMENTAL SCIENCE

One or Two Semesters, Grades 11-12

Prerequisites: Integrated Chemistry/Physics or Chemistry - Honors

This course is an environmental science course which is interdisciplinary by nature, incorporating material from biology, earth and space science, chemistry, and other sciences. This is an issues-driven course which will involve analysis of local, national, and global environmental questions. The course is offered in two, separate semesters. Semester 1 may include, but will not be limited to the study of: environmental decision making, environmental ethics, life cycle analysis, environmental risks, ecological footprints, and environmental awareness. Semester 2 may include, but will not be limited to the study of: the dynamics of population growth, sustainability, land use, biodiversity, and energy. Field trip opportunities may result in an additional fee. Contact Principal for financial assistance.

PHYSICS Honors/Bridge Class

Two Semesters, Grade 12

Prerequisites: Algebra 2 – Honors with a grade of C or above, Algebra 2 with permission of the instructor.

This algebra-based course is taught at a college level from a college textbook. It is intended to introduce students to the basic concepts of physics: kinematics, Newton's laws of motion, work and energy, wave motion, light, sound, and electricity. Understanding theory is the main goal of this course. Problem solving, laboratory experiments, and demonstrations reinforce this. Some independent research is encouraged. Students are required to have a scientific calculator. *This course is available for college credit through the University of Evansville Bridge Program.*

PHYSICS, ADVANCED PLACEMENT/Bridge Class

Two Semesters, Grade 12

Prerequisites: Pre-calculus and Trigonometry with a grade of B+ or above. If student has not had Trigonometry, he/she will need the permission of the instructor.

Advanced Placement Physics is a course that follows The College Board's Advanced Placement course outline. This algebra based course is taught at a college level using a college textbook. Students must be able to synthesize solutions from the theory; thus critical thinking skills and a strong algebra background are essential. The emphasis of this course will be placed on developing a proficiency in solving problems. Topics include kinematics; Newton's laws of motion; circular motion; work, energy, power & linear momentum; rotational motion; simple harmonic motion, waves, & sound; electrostatics and simple electrical circuits. Because some problems will be discussed and solved using calculus principles, enrollment in calculus would be very useful but not required. *This course is available for college credit through the University of Evansville Bridge Program.*

ADVANCED SCIENCE (FORENSICS)

Two Semesters, Grade 12

Prerequisites: Integrated Chemistry/Physics or Chemistry - Honors

In Forensic Science students will apply the principles and techniques of science to analyze criminal scene evidence. Emphasis will be placed on laboratory techniques, scientific inquiry and communication skills, as well as aspects of the criminal justice system and the admissibility of evidence. Students must incorporate the use of technology, critical thinking and teamwork. Due to the nature of some of the subject matter, the course requires a high level of maturity and diligent class participation.

ADVANCED SCIENCE/MEDICAL PRACTICUM – Honors

One Semester, Grade 12

Prerequisites: Biology, Chemistry-Honors, and an additional Biology or Chemistry course and be enrolled in an Honors or greater science course their senior year. One of these courses must have been on the AP level. Overall science GPA of B+ or above.

***Please note this course is open to a limited number of students.**

In the Advanced Science/Medical Practicum, students have the opportunity to experience and expand their knowledge of the medical field. This is a field study program in which the students will leave campus and report to their assigned medical field during the Medical Practicum block. Students must apply, write an essay, and meet all of the criteria required for this course. Applicants must have a genuine interest in a career in the medical field. Applicants should also be aware that they will be visiting different areas of medical facilities which call for appropriate, professional behavior exhibited by the students. For this reason, applicants must have demonstrated a high degree of maturity. Students accepted into this program will be required to meet the standards of St. Mary's Hospital and Medical Center volunteer program. Applications for this program will be available towards the end of March after 3rd quarter grades have been processed.

HUMAN ANATOMY AND PHYSIOLOGY – Honors

One Semester, Grades 11-12

Prerequisites: Biology grade of B- or above for both semesters and ICP with a B- or better for both semesters or Chemistry - Honors

This course is offered as an introduction to the investigation of biological and chemical principles and concepts as they apply to the human body. Coursework will cover the structure, organization, and function of cells, tissues, organs, and organ systems. This challenging course is designed to prepare students for Human Anatomy and Physiology courses at the college level.

ZOOLOGY

One Semester, Grades 11-12

Prerequisites: Integrated Chemistry/Physics or Chemistry- Honors

This course is designed to enhance student understanding of the classification, anatomy and physiology of vertebrates in a comparative manner. Topics include vertebrate evolution, vertebrate development, and various body systems and their organs. Student dissection of various examples of vertebrates is required. *Additional fee for dissection activities. This fee varies from year to year.*

BOTANY

One Semester, Grades 11-12

Prerequisites: Integrated Chemistry/Physics or Chemistry- Honors

This course explores the ecology and distribution of vascular plants from selected study areas. Introduction to botany, including classification, identification, morphology, anatomy, physiology, and diversity and herbarium techniques will be covered. This course includes lab and field experiences.

SOCIAL STUDIES

WORLD HISTORY/CIVILIZATION

Two Semesters, Grades 9-10

Prerequisite: None

This course outlines the key events and developments of the past that influenced subsequent eras. A major focus of the course will be placed on how events of the past have shaped our world today. The emphasis will be on the people, places, events, and key factors shaping Asian, African, and pre-Columbian American culture as well. Students will practice skills for critical thinking, inquiry and research, and decision making that is necessary for full participation in a democratic society. This course is required during the freshman or sophomore year.

WORLD HISTORY/CIVILIZATION HONORS

Two Semesters, Grades 9-10

Prerequisite: None

World History/Civilization Honors is an accelerated, thematic World History course that covers the following topics: Ancient Civilizations, Classical Civilizations, Major Civilizations 600-1300, Global Interactive 1300-1750, Revolutions and Nationalism 1500-1900, Era of Global Conflicts 1900-Present. By dividing World History into six “chunks” of time, this class thematically covers various civilizations and details of World History that would be impossible in a survey course. Several interactive, thematic resources will also be used.

WORLD HISTORY, ADVANCED PLACEMENT

Two Semesters, Grades 10-12

Prerequisites: Minimum GPA of a B+ and World History/Civilization

This challenging course takes a comprehensive look at World History, not merely political events, but overall themes like interactions between cultures and the impact of technology on people and their environment. More than studying history, this course offers students the opportunity to “do history” by analyzing events using the tools and evidence used by historians. Success in the modern economy requires an understanding of global connections, and so this course provides excellent preparation for any student planning to pursue a college degree in business or liberal arts. This course will prepare students for the end of the year Advanced Placement exam.

UNITED STATES HISTORY

Two Semesters, Grade 11

Prerequisite: None

This course is a study of the growth and development of the United States in four major areas: 1) studying Europeans entering into a strange new environment and responding to it; 2) examining the foundation and development of a new nation during which most of the people lived and worked on farms; 3) telling of a growing nation and its struggles for a place among nations of the world; and 4) bringing the nation into the present day as a predominantly urban, consumer-oriented society with emphasis on its role as a world.

UNITED STATES HISTORY HONORS/Bridge Class

Two Semesters, Grade 11

Prerequisite: Overall GPA of B+ or above

This course covers all of the material included in the regular U. S. History course, but in greater depth; more emphasis is placed on note taking, research, and outside reading. Additionally, critical thinking skills and problem solving exercises are regularly employed. Further, the social and economic history of our country is integrated into the traditional study of the political and diplomatic growth of the American nation. Special emphasis will also be placed on how the events of the past millennium have shaped our modern world with speculation as to what our future may be. *This course is available for college credit through the University of Evansville Bridge Program.*

AMERICAN GOVERNMENT

One Semester, Grade 12

Prerequisite: None

This course gives students a thorough knowledge and understanding of the American governmental system from the federal government down through local governing bodies. It provides a comprehensive treatment of the totality of our democracy, including its origins, development, principles, organization, and actual workings. Current issues and problems will be woven into the course so as to give practical application to the theories covered as well as to ensure their relevancy.

**UNITED STATES GOVERNMENT AND POLITICS, ADVANCED PLACEMENT
One Semester, Grade 12**

Prerequisite: Minimum GPA of a B+

AP United States Government and Politics introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning, assess causes and consequences of political events, and interpret data to develop evidence-based arguments. This course fulfills the Government requirement for graduation. It will also be taught during 2nd semester in preparation for the AP exam. *This course only counts as ONE AP semester for the Academic Honors Diploma. Four semesters of AP are required for the AHD.*

**COMPARATIVE GOVERNMENT AND POLITICS, ADVANCED PLACEMENT
One Semester, Grade 12**

Prerequisite: Minimum GPA of a B+

AP Comparative Government and Politics is a course based on the content established and copyrighted by the College Board. The course is not intended to be used as a dual credit course. AP Comparative Government and Politics introduces students to the rich diversity of political life outside the United States. The course uses a comparative approach to examine the political structures; policies; and the political, economic, and social challenges among six selected countries: Great Britain, Mexico, Russia, Iran, China, and Nigeria. Additionally, students examine how different governments solve similar problems by comparing the effectiveness of approaches to many global issues. Topics include: Introduction to Comparative Politics; Sovereignty, Authority, and Power; Political institutions; Citizens, Society, and the State; Political and Economic Change; Public Policy. *This course does not fulfill the US Government requirement for any diploma. It does fulfill one semester of AP needed for the Academic Honors Diploma.*

CURRENT EVENTS

One Semester, Grades 11-12

Prerequisite: None

This course covers newsworthy contemporary issues that are of world, national, or local importance and have contemporary historical significance. Particular attention is given to events of political, geographic, social, and economic significance in respect to the shaping of the world around us. In addition to the required textbook, sources such as television, radio, newspapers, and magazines are used as reference material. An emphasis will be placed on the student's knowledge of world geography.

ECONOMICS

One Semester, Grade 12

Prerequisite: None

This course is a study of how our economic system functions. Topics such as the United States economic system, supply and demand, business organization, the stock market, and the Federal Reserve System are explored to help students with economic theory. A practical sense of economics is imparted by investigating housing, investments, credit, insurance, budgeting, and consumerism. Students submit written reports on consumerism, economic histories, and stock market investing.

TOPICS IN HISTORY: THE 1960S

One Semester, Grades 10-12

Prerequisite: None

This course will take an in-depth look at the period of U.S. History from the election of John F. Kennedy in 1960 through the resignation of Richard Nixon as a result of Watergate. Topics covered in the course will include, but not be limited to, media influence on the U.S., the Vietnam War, the counterculture movement, civil rights, the Great Society, and the Cold War. Course materials will include first-hand accounts of events, novels and other literature of the period, videos of events, and guest speakers whenever possible. Students will be expected to complete a semester written project as a major portion of their grade. After completing this course, students should have an understanding of the period of history, which has had the most immediate impact on the U.S. today. *This course does not replace any part of the U.S. History requirement for graduation.*

TOPICS IN HISTORY: WORLD WAR II

One Semester, Grades 10-12

Prerequisite: None

This class will analyze the global causes and consequences of WWII. This course will not only be studied as a series of battles, but more importantly as a global phenomenon that deeply affected all citizens and cultures. Students will be challenged with a cross-curricular variety of study. The course will include topics such as Art, Technology, Music and Propaganda associated with the time period with a special emphasis on Evansville's impact on WWII as well as a thorough investigation of the Holocaust. The class will contain a variety of opportunities for students to study the time period on a local, national and international level. This course does not replace any part of the U.S. History requirement for graduation.

INDIANA STUDIES

One Semester, Grades 10-12

Prerequisite: None

Indiana Studies is an integrated program comparing and contrasting state and national development in the areas of politics, economics, history, and culture. The course uses Indiana history as a basis for understanding current policies, practices, and state legislative procedures. Students acquire motivation to participate in the political process as concerned citizens. This course also includes the study of state and national constitutions from an historical perspective and as a current foundation of government. The examination of individual leaders and their roles in a democratic society will be included. Selections from

Indiana arts and literature may also be analyzed for insights into historical events and cultural expressions.

**PSYCHOLOGY – Honors
One Semester, Grades 11-12**

Prerequisite: Overall GPA of B+ or above

Since 1900, psychologists have discovered a vast number of facts and developed a variety of theories about behavior, human development, and mental processes. Students will be introduced to the terms and concepts psychologists use, come to an understanding of the significance of psychological findings in their own lives, and learn how to apply this information to specific situations. Should enrollment exceed space limitations, first consideration will be given to students entering their senior year.

**SOCIOLOGY
One Semester, Grades 10-12**

Prerequisite: None

This course includes the study of human behavior in groups, the structure of society, and societal evolution. Emphasis is given to the social structure of the United States. Investigation into the causes and effects of social change is made. Emphasis is also given to the definition and explanation of important sociological terms and concepts such as functionalism, subculture, poverty, social psychology, inequality, and social statistics.

WORLD LANGUAGE AND CULTURES

Students wishing to take World Language 2 at the ninth grade level must have two years of World Language in seventh and eighth grades with a C- average or above. Satisfactory performance on a World Language Department Exam may be required. Grades 7-8 World Language will count as credits and towards a student's GPA if the student begins in the 2nd year of World Language.

**German 1
Two Semesters, Grades 9-12**

Prerequisite: English grade of C or above

The focus of German 1 is to promote language acquisition and proficiency for basic functional communication in a variety of situations. Students should be able to understand and use German appropriately in a range of contexts and for a variety of purposes. This course emphasizes the four basic language skills; listening, speaking, reading, and writing. Additionally, the activities, instructional practices and assessments applied in German 1 are developed to meet Indiana's Academic standards for world languages.

German 2

Two Semesters, Grades 9-12

Prerequisite: German 1 with an average of C- or above

German 2 builds upon the basic German language skills learned in German 1. The students in German 2 will continue improving their grammar skills, conversational skills and improve their reading and writing. This course also emphasizes the four basic language skills: listening, speaking, reading and writing. The activities, instructional practices, and assessments applied in German 2 are developed to meet Indiana's Academic Standards for world languages.

German 3 Honors

Two Semesters, Grades 10-12

Prerequisite: German 2 with a grade of C or above

German 3 builds upon the intermediate German language skills learned in German 2. The students in German 3 will continue to develop their grammar skills, conversational skills and improve their reading and writing. This course also emphasizes the four basic language skills: listening, speaking, reading and writing. The activities, instructional practices and assessments applied in German 3 are developed to meet Indiana's Academic Standards for world languages.

German Advanced Placement

Two Semesters, Grades 11-12

Prerequisite: German 3 with a grade of C or above

The AP German and Culture course is designed to promote proficiency in German and enable the student to explore culture in contemporary and historical contexts. The course focuses on communication. The student will demonstrate skills and abilities in the interpersonal, interpretive and presentational modes of communication. In interpersonal communication, the student will engage in conversations, express ideas, and exchange opinions using both spoken and written German. In interpretive communications, the student will understand and interpret written and spoken German on a variety of topics. In presentational communication, the student will present information and ideas using spoken and written German to an audience. The course also encourages cultural awareness. The student will develop an understanding and appreciation of various aspects of the cultures of the German-speaking world including: cultural products such as television and film, books, newspapers, music, laws and institutions. Cultural practices such as customs, traditions and patterns of interactions are also part of the course. Students will also gain an understanding of cultural perspectives such as values, attitudes, and beliefs. The student will study a variety of topics in interesting, meaningful and engaging context; global challenges, science and technology, personal and public identities, families and communities, beauty and aesthetics. Instructional content will reflect interests shared by the student and teacher (the arts, current events, literature, sports, and so forth.) In addition to textbooks, materials might include websites, podcasts, films, newspapers, magazines, and literature. This course will help the

student develop language skills that can be applied beyond the German course in further German study and everyday life.

Spanish 1

Two Semesters, Grades 9-12

Prerequisite: English grade of C or above

Spanish 1 is a proficiency and standards-based course designed to encourage the students to use the language creatively from the outset. The integrative, communicative approach used allows the four language skills and culture to reinforce one another in an ever-widening spiral. At this level, listening and speaking are highlighted to give students a sense of accomplishment from the outset. A range of practice exercises progressing from mechanical to meaningful to communicative affords the students the opportunity to accomplish real tasks with the language. Spanish 1 uses various techniques and group activities in an effort to reach all students with their different levels of ability and interests. In this course, the students will be introduced to the pronunciation and intonation patterns, the basic grammatical structures and vocabulary. Cultural learning which is inseparable from the language, will present the Hispanic way of life, attitudes, and customs, which are integral parts of learning the Spanish language. Students successfully completing this course with an average of C- or above will be eligible to continue to Spanish 2

Spanish 2

Two Semesters, Grades 9-12

Prerequisite: Spanish 1 with an average of C- or above

Spanish 2 is a proficiency and standards based course which begins with a systematic review and reinforcement of material learned in Spanish 1. This course continues to use the integrative, communicative approach used in the first level Spanish course allowing the four language skills and culture to continue reinforcing one another. While the emphasis in Spanish 1 is on phonology, basic grammar and listening and speaking skills, Spanish 2 concentrates more on syntax, the expansion of vocabulary and grammar, and the receptive skills of reading and writing. The reading skill, perhaps the most durable of the language skills, is developed systematically, providing students with many opportunities to demonstrate their reading comprehension skills. The writing skill is developed along the same lines as the speaking skill. Students are required to move through a sequence of exercises, from mechanical to communicative. On this level, culture is not just dealt with in terms of facts, but includes cultural analysis and appropriate behavior in terms of language use. Spanish 2 will continue to introduce various cultural aspects so that the students may come to better understand and appreciate the Spanish language, which is the core of Hispanic culture.

Spanish 3-Honors/Bridge Class

Two Semesters, Grades 10-12

Prerequisite: Spanish 2 with an average C or above

Spanish 3 is a proficiency and standards based course which begins with a review focusing on basic, high frequency vocabulary and grammatical structures. The integrative, communicative

approach used in the level one and two Spanish courses is continued in Spanish 3, allowing students the opportunity for additional growth toward proficiency in the four language skills. Spanish 3 continues to concentrate on the syntax, the mastery and expansion of vocabulary and grammar, and the receptive skills of reading and writing and culture. Authenticity of expression is an essential part of the Spanish 3, helping the students to develop a sense of social/contextual appropriateness. It is hoped that the students become more accepting and nonjudgmental of other cultures, that they become less ethnocentric about their culture, and that they come to understand the Hispanic civilization in its own context and in the reality of its present influence on our society. **This course is available for college credit through the University of Evansville Bridge Program.**

**Spanish-Advanced Placement/Bridge Class
Two Semesters, Grades 11-12**

Prerequisite: Spanish 3 with an average of B- or above

The AP Spanish Language and Culture course is a level four or level five course taught almost exclusively in Spanish. Daily instruction is in Spanish and this course challenges students to improve their proficiency in listening, reading, speaking, and writing. The AP Spanish Language and Culture class is divided into six thematic units which are guided by essential questions and based on designated contexts/subthemes. Each unit integrates cultural elements and activities which are connected with these themes/subthemes. Each unit will also include grammatical review which will help the students to strengthen their grammatical foundation in preparation for the subject SAT exam, the AP exam, and the university placement exams. The learning objectives for the AP Spanish Language and Culture class are centered on global competence which is a 21st century imperative. “Global competence is the capacity and disposition to understand and act on issues of global significance.” The language topics used and the skills learned will help students to understand the world, will help them understand the language topics, and will help them to develop and apply their language skills in a global context. Specific student objectives are:

1. Students investigate the world beyond their immediate environment.
2. Students recognize their own and other perspectives.
3. Students communicate their ideas effectively with diverse audiences.
4. Students translate their ideas and findings into appropriate actions and improve conditions.

Class activities are designed to provide the students with ongoing opportunities needed to accomplish the AP/Global Learning Matrix objectives. Activities will focus on the five-part structure of activities of the AP exam (listening, speaking, reading, writing, and culture) in each of the three modes of communication (interpersonal, interpretive, and presentational). **This course is available for college credit through the University of Evansville Bridge Program.**

**Spanish IV – Honors/Bridge Class
Two Semesters, Grades 11-12**

Prerequisite: Spanish 3 with a grade of C (80%)

Spanish IV is a proficiency and standards based course which begins with a review focusing on vocabulary and grammatical structures. The integrative, communicative approach used in

Spanish 1-3 is continued in Spanish IV allowing the students the opportunity for additional growth toward proficiency in the four language skills. Spanish IV continues to concentrate on the syntax, the mastery and expansion of vocabulary as well as grammar, and the skills of reading and writing. Culture will again be an integral part of this 4th level course as students learn more about the Spanish speaking world – its geography, history, customs, art, and music. Hopefully, students will gain a better understanding of the Hispanic countries and their civilization, their importance in global affairs, and their influence on today’s society. Special emphasis will be given to the World Readiness Standards for Learning Languages: Communication, Cultures, Connections, Comparisons, and Communities. **This course is available for college credit through the University of Evansville Bridge Program.**

Going Global

One Semester Each, Grades 10-12

2017-2018 Courses: Arabic Studies and Chinese Studies

Prerequisite: English grade of C or above

The World Language Department offers its Going Global program to students wishing to learn about other languages and cultures. This program will offer two one semester language study courses. A different Going Global course will be offered each semester. Students may take one or more of these courses. Each course will cover several thematic units which will expose students to a variety of words, expressions and structures. Students will build basic skills in speaking, listening, reading, and writing. In addition to acquiring language skills, the students will also have the opportunity to study and explore the food, art, music, geography, history, and literature of different countries and cultures. These exploratory courses will help the students develop a broader global perspective which will lead them to a better understanding and hopefully, acceptance of different languages and cultures while developing an appreciation of their own culture. *The *Going Global Program* will not meet the requirement for an academic honors diploma. The purpose of this program is to provide students with the opportunity to become better educated and understanding global citizens. These courses are not intended to replace the formal language learning sequence provided in German and Spanish which does meet the academic honors diploma requirement.

Global Studies

One Semester, Grades 11-12

Prerequisite: An interest in politics, geography, international relations, and the future; a curiosity about globalization, world economics, military strategy, religion, migration, and the preservation/destruction of natural environments.

The purpose of the Global Studies course is to give students an understanding and appreciation of major geographic and cultural areas of the world and the issues and challenges which both unite and divide them. The course will take a comparative approach to selected regions, cultures and global issues aimed at helping students develop college and career ready skills through research, writing, and analysis.

The focus on specific geographic regions will vary semester by semester depending upon the current global, political, and economic environment. Students will develop an understanding of

global interdependence as it relates to culture, history, resource management, conflict and human rights. Moreover, students will read, write, discuss, analyze and take positions on multiple topics in order to frame and defend arguments. They will use a variety of print and non-print sources to analyze and suggest solutions to real-world problems dealing with the environment and society. As a result, they will develop critical thinking skills and perspectives to better understand the world around them.

CAREER AND TECHNICAL EDUCATION

These three hour courses for grades 11-12 meet every day all year and are offered through the EVSC public school system on a shared-time basis for Indiana residents. Kentucky residents must pay

EVSC tuition. An EVSC bus is available as required transportation to the EVSC Career and Technical Center on Lynch Road. An application, obtained from the Memorial Counseling Office should be completed by early January for the following year.

Agricultural Education (Agricultural Mechanization, Animal Science/Food Science, Horticultural Science/Floral Design, Landscape Management, Plant and Soil Science/Natural Resource Management/Wildlife/Forestry)
Architectural Design (CAD) Automotive Collision Repair Technology Automotive Services
Technology Building Trades Technology
Computer Network Technology
(CISCO) Culinary Arts
Diesel Service Technology
Electricity/Residential and Industrial Technology
Graphic Communications/Printing/Digital Media Technology
Health Sciences education
Heating, Ventilation, Air Conditioning, and Refrigeration Technology
Industrial Repair, Maintenance, and Plastics Technology
Precision Machine technology
Public Safety/Law Enforcement/EMT/Fire Science/Homeland Security
Radio/Telecommunications Technical Design (CAD) Welding
Technology

Reitz Memorial High School, a Roman Catholic High School, does not discriminate on the basis of race, sex, color, or national origin. Students of other religious faiths are welcome to attend Memorial on a space available basis.