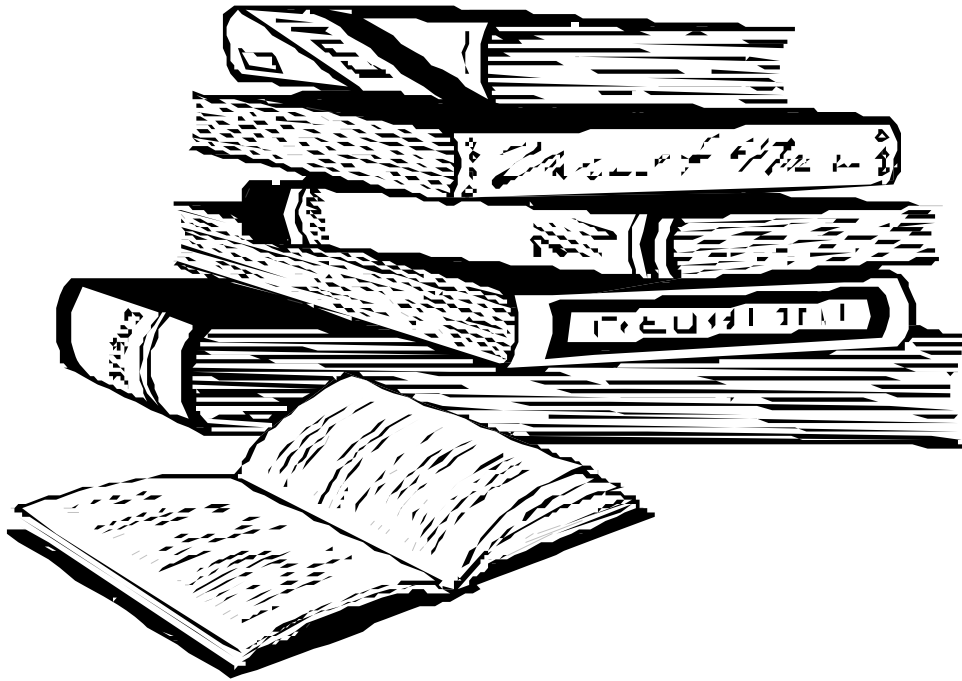


Andrean High School



Course Descriptions

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INTRODUCTION

AP and ACP COURSES

Andrean offers a number of courses that prepare the student to take the Advance Placement Examination which can result in earning college credit. These courses are also called AP courses. Detailed information about which courses and the process of enrolling in these courses is available from an Andrean guidance counselor. There may be fees required to take the AP examinations.

Andrean offers a number of courses that are actual college courses called Advanced College Placement courses. These courses are termed ACP. Andrean has an arrangement with Indiana University regarding these courses and how the credit can be earned. A student must enroll with Indiana University and pay the college tuition to earn college credit. These courses are also sometimes referred to as dual credit courses since credit is earned for both high school and college at the same time. Detailed information about which courses and the process of enrolling in ACP courses is available from an Andrean guidance counselor.

CREDITS

Andrean requires a minimum of 47 credits to graduate. Each course taken is worth one credit per semester. Each course is assigned a CCN or computer course number. Those courses with two CCNs mean that course is for a full year. In most cases both semesters must be completed for two credits.

GENERAL COMMENTS

This course description document is meant to offer a brief description of each course. A guidance counselor will be able to provide greater detail.

PREREQUISITES

Many courses require students to satisfy specific prerequisites; these can be either in content or grade earned. The intention of these prerequisites is to insure that students are adequately prepared for the academic expectations of a particular course. Students are urged to limit their course selections to those courses for which they meet the published prerequisites. Nonetheless, it may be that a student wishes to enroll in a course for which he/she does not meet prerequisites. The student can inquire about Andrean High School's Waiver Policy that is available for some courses. Details are available from the student's counselor. It should be noted that prerequisites for Honors-level courses and Advanced Placement courses are never waived.

CORE 40

All Andrean students must complete at least a Core 40 program of study.



Course and Credit Requirements	
English/ Language Arts	8 credits Including a balance literature, composition and speech.
Mathematics	6 credits 2 credits: Algebra I 2 credits: Geometry 2 credits: Algebra II <i>Or complete Integrated Math series I, II, and III for 6 credits.</i> All students are required to take a math or physics course during their junior or senior year.
Science	6 credits 2 credits: Biology I 2 credits: Chemistry I or Physics I or Integrated Chemistry-Physics 2 credits: any Core 40 science course
Social Studies	6 credits 2 credits: U.S. History 1 credit: U.S. Government 1 credit: Economics 2 credits: World History/Civilization or Geography/History of the World
Directed Electives	5 credits World Languages Fine Arts Career/Technical
Physical Education	2 credits
Health and Wellness	1 credit
Electives*	6 credits (Career Academic Sequence Recommended)
40 Total State Credits Required	

Schools may have additional local graduation requirements that apply to all students

* Specifies the number of electives required by the state. High school schedules provide time for many more electives during the high school years. All students are strongly encouraged to complete a Career Academic Sequences (selecting electives in a deliberate manner) to take full advantage of career exploration and preparation opportunities.

CORE40 Academic Honors *(minimum 47 credits)*

(Minimum 47 credits)

For the **Core 40 with Academic Honors** diploma, students must:

- Complete all requirements for Core 40.
- Earn 2 additional Core 40 math credits.
- Earn 6-8 Core 40 world language credits.
- Earn 2 Core 40 fine arts credits.
- Earn a grade of a “C” or better in courses that will count toward the diploma.
- Have a grade point average of a “B” or better.
- Complete one of the following:
 - Complete AP courses (4 credits) and corresponding AP exams
 - Complete IB (Higher Level) courses (4 credits) and corresponding IB exams
 - Earn a combined score of 1200 or higher on the SAT critical reading and mathematics
 - Score a 26 or higher composite on the ACT
 - Complete dual high school/college credit courses from the Core Transfer Library (6 transferable college credits)
 - Complete a combination of AP course (2 credits) and corresponding AP exams and dual high school/college credit course(s) from the Core Transfer Library (3 transferable college credits)

ARTS DEPARTMENT

DOMESTIC ARTS

TEXTILE & FASHION TECHNOLOGIES I

CCN: 1200

ALL GRADES

A Core 40 and AHD elective course

This course introduces basic sewing skills including hand and machine stitching as well as serging, selection of fabrics and patterns, and the construction of selected simple garments and crafts.

TEXTILE & FASHION TECHNOLOGIES II

CCN: 1205

ALL GRADES

PREREQUISITE: Textile & Fashion Technologies I.

A Core 40 and AHD elective course

This course continues to develop skills introduced in the level one class. In addition, students will learn how to quilt.

TEXTILE & FASHION TECHNOLOGIES III

CCN: 1210

SOPHOMORES, JUNIORS, SENIORS

PREREQUISITE: Textile & Fashion Technologies II.

A Core 40 and AHD elective course

This more detailed sewing course is for students interested in learning more advanced techniques in making garments and working with different fabrics. Students will work independently with supervision on sewing projects and crafts of their choice.

TEXTILE & FASHION TECHNOLOGIES IV

CCN: 1220

SOPHOMORES, JUNIORS, SENIORS

PREREQUISITE: Textile & Fashion Technologies III.

A Core 40 and AHD elective course

Further development and detailed investigation of Textile & Fashion Technologies III is the focus of this course. Students will work independently with supervision on sewing projects and crafts of their choice.

ADULT ROLES & RESPONSIBILITIES

CCN: 1225

JUNIORS

A Core 40 and AHD elective course

Students will study basic nutrition, learning the importance of a healthy diet and exercise. Emphasis will be placed on food preparation using some basic recipes, meal planning and basic skills needed for everyday living.

ADULT ROLES & RESPONSIBILITIES

CCN: 1230

SENIORS

A Core 40 and AHD elective course

Students will learn what is involved in living on their own after graduation from high school. Students will also learn to prepare basic meals and snacks.

PERFORMING ARTS

INTERMEDIATE CONCERT BAND 101

CCN: 1500/1505

ALL GRADES

PREREQUISITE: Able to play a musical instrument UNLESS an exception is made by the director. Attendance is required for all after school rehearsals and performances.

A Core 40 and AHD course

This class will meet Monday, Wednesday, and Friday mornings from 7:00-7:50, and on Tuesday afternoons from 3:00-4:00. Regular daily attendance is **mandatory** for credit. This course aims to improve individual and ensemble band ability through the performance of high school level repertoire. The band performs various styles of music (Marching, Concert, Classical, Musical Theater, Pep, and Rock) at various school functions throughout the year.

BEGINNING CHORUS

CCN: 1510/1515

ALL GRADES

A Core 40 and AHD course

Students will be exposed to a variety of styles from classical to contemporary, and will learn vocal technique and the fundamentals of music. The choir performs for various school functions and rehearses once a week after school for special events. Attendance at after school rehearsals is required.

ADVANCED CHORUS

CCN: 1520/1525

SOPHOMORSE, JUNIORS, SENIORS

PREREQUISITE: (Beginning Chorus - Unless an exception is made by the director.)

A Core 40 and AHD course

Students will be exposed to a higher level of music difficulty with greater emphasis placed on concert choir performance and competition. The choir performs for various school functions and rehearses once a week after school for special events. Attendance at after school rehearsals is required.

MUSIC HISTORY AND APPRECIATION**CCN: 1530***SOPHOMORES, JUNIORS, SENIORS, FRESHMEN ONLY WITH DEPARTMENT RECOMMENDATION*

A Core 40 and AHD course

This is a non-performing music class for students wishing to learn about music and the history of music. Topics include the musical elements of melody, rhythm, harmony, texture, style and form, as well as a survey of the musical instruments and history of music.

MUSIC THEORY AND COMPOSITION**CCN: 1540***SOPHOMORES, JUNIORS, SENIORS*

A Core 40 and AHD course

This is a non-performing music class for any student wishing to study the theory of music. Students learn the fundamentals of music theory and how they are used in music. Musical composition and principles of sound recording are stressed as well.

THEATRE ARTS**CCN: 1550***ALL GRADES**PREREQUISITE: A strong interest and a desire to participate in drama; a creative mind is an asset.*

A Core 40 and AHD course

Students study the craft of stage presence, development of characters, and stage performance. In class and assigned reading of plays and writing of short papers make practical the students' study of performance. Dramatic performance is required from all students.

TECH THEATRE**CCN: 1560***SOPHOMORE, JUNIOR, SENIOR**PREREQUISITE: Theatre Arts.*

A Core 40 and AHD course

Students study theater from a technical aspect, including the construction and design of costumes, lighting, and scenery. Students are required to participate in the building of the fall or spring production. Meets after school; does not occupy a period during school day. There are a minimum number of clock hours required to complete this course.

VISUAL ARTS**DRAWING I****CCN: 1400***ALL GRADES*

A Core 40 and AHD course

Students will learn to apply elements in work that effectively communicates their ideas.

They will create drawings utilizing processes of

sketching and rendering, contour, gesture, and perspective drawing. Vocabulary terms and the elements and principles of art are introduced. Media used include pencil, chalk, pastels, charcoal, pen, and ink.

DRAWING II**CCN: 1405***ALL GRADES**PREREQUISITE: "C" in Drawing I*

A Core 40 and AHD course

Students taking Drawing II will further explore the experiences and media of Drawing I. Focus will be on developing personal style.

DRAWING III**CCN: 1410***ALL GRADES**PREREQUISITE: "C" in Drawing II*

A Core 40 and AHD course

Students taking Drawing III will further explore the experiences and media of Drawing II. Focus will be on creating multi-media projects.

PAINTING I**CCN: 1435***SOPHOMORES, JUNIORS, SENIORS**PREREQUISITE: "C" in Drawing II*

A Core 40 and AHD course

Students taking Painting I engage in sequential learning experiences that encompass art history, criticism, aesthetics and production, and lead to the creation of portfolio quality works. Within this context, students will create realistic and abstract paintings, and learn the matting process. The media of tempera, watercolor, acrylic, and oils will be utilized and techniques of stippling, wash, under-toning, and impasto are introduced. Color theory is heavily stressed, as are vocabulary terms related to its discipline.

PAINTING II**CCN: 1440***SOPHOMORE, JUNIORS, SENIORS**PREREQUISITE: "B" in Painting I*

A Core 40 and AHD course

Students taking Painting II will further explore the experiences and media of Painting I. Focus will be on further refining skills learned in Painting I, primarily using oils as the medium. Some multimedia artwork will be required and self-expression will be stressed.

INTRODUCTION TO TWO-DIMENSIONAL ART

CCN: 1450

ALL GRADES

A core 40 and AHD course

Students taking Intro to 2-Dimensional Art engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production, and lead to the creation of portfolio quality works. This class focuses on glass as the medium, but also includes drawing of preliminary sketches for original designs to be executed in glass. The history of glass and technical vocabulary terms relating to the discipline and to 2-Dimensional design are covered in this class.

INTRODUCTION TO THREE-DIMENSIONAL ART

CCN: 1455

ALL GRADES

PREREQUISITE: "A" in Introduction to Two-Dimensional Art

A Core 40 and AHD course

Students taking Intro to 3-Dimensional Art build on the sequential learning experiences of 2-Dimensional Art. This class focuses on glass as the medium, but also includes drawing of preliminary sketches for designs to be executed in glass. This course includes the history of glass and technical vocabulary terms relating to the discipline and 3-Dimensional design.

ART HISTORY

CCN: 1445

ALL GRADES

A Core 40 and AHD course

Students taking Art History engage in learning experiences that encompass the study of art history, processes, criticism, and aesthetics. The course is presented in chronological sequence covering prehistoric times to the present era.

SCULPTURE I

CCN: 1415

ALL GRADES

PREREQUISITE: "C" in Drawing I

A Core 40 and AHD course

This class utilizes a variety of media to create subtractive and additive sculpture. Processes taught include carving, modeling, construction, and assembly. In addition, technical and discipline related vocabulary terms are introduced.

CERAMICS I

CCN: 1425

SOPHOMORE, JUNIORS, SENIORS

PREREQUISITE: "B" in Sculpture I

A Core 40 and AHD course

Students create quality works of art in clay utilizing the processes of hand building, molds, wheel throwing, slip and glaze techniques, and the firing processes. Additionally, students do research and make presentations about ceramic art. The history of ceramics and technical vocabulary terms relating to the discipline are covered in this class.

CERAMICS II

CCN: 1430

SOPHOMORE, JUNIORS, SENIORS

PREREQUISITE: "B" in Ceramics I

A Core 40 and AHD course

Students create quality works of art in clay utilizing the processes of hand building, molds, wheel throwing, slip and glaze techniques, and the firing processes. Additionally, students do research and make presentations about ceramic art. The history of ceramics and technical vocabulary terms relating to the discipline are covered in this class.

VISUAL COMMUNICATION

CCN: 1460

ALL GRADES

A Core 40 and AHD course

Students in visual communication engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production that lead to the creation of portfolio quality works.

Students create advertising designs and utilize graphic design typography, illustration, and computer technologies. Additionally, students: (1) reflect upon the outcome of these experiences, (2) explore historical connections, (3) write about the process, (4) make presentations about their progress at regular intervals, (5) work individually and in groups, (6) find direct correlations to other disciplines, and (7) explore career options related to visual communication.

BUSINESS DEPARTMENT

The Business Department curriculum includes courses that teach both content and skills. These courses build and refine skills essential for success in secondary school as well as in careers. The concentration is on developing listening skills, learning to analyze information, synthesize data and apply the results to real-life situations through a variety of activities and projects.

BUSINESS FOUNDATIONS

CCN: 1600

FRESHMEN AND SOPHOMORES

A Core 40 and AHD course

In this course the students learn the basic knowledge and skills necessary to operate successfully in their own personal and financial management as well as in the business world. Through simulations, projects, guest speakers, and films together with lectures and discussions, the students learn about banking, credit, and insurance. Making essential purchasing decisions and setting up personal and household budgets are also important topics included in this course.

ACCOUNTING I

CCN: 1620/1625

SOPHOMORES, JUNIORS, SENIORS

A Core 40 and AHD course

Accounting includes the elementary principles of accounting theory and the application of that theory. Accounting for a service business, partnership accounting for a merchandising business, corporate accounting with emphasis on special journals, and payroll accounting and taxes are all part of the curriculum for this course. Special projects including stock market simulations, career research, and accounting applications are used to enhance understanding.

ACCOUNTING II

CCN: 1630/1635

JUNIORS, SENIORS

RECOMMENDATION: a C or above in Accounting I

A Core 40 and AHD course

This course develops the knowledge and skills needed for an accounting position following high school graduation, as well as advanced preparation for the study of accounting in college. Departmentalized, automated, corporation, management, and cost accounting are included in the curriculum of this course. College level study of Financial and Managerial Accounting is completed throughout the course. Automated accounting software provides hands-on experience with computer business applications.

FINANCE

CCN: 1650

SOPHOMORES, JUNIORS, SENIORS

A Core 40 and AHD course

This course offers extensive study in real estate, stocks, bonds, and mutual funds. Students will gain experience with hands on projects focused on wealth management and investment simulation. A variety of guest speakers from various aspects of the financial services visit this class, helping to make it a good preparation for students who will enter the financial arena.

MARKETING

CCN: 1660

SOPHOMORES, JUNIORS, SENIORS

A Core 40 and AHD course

Marketing includes introduction to marketing today as well as its economic and business foundations. Students complete marketing projects, analyze realistic business situations, learn about career opportunities, and listen to guest speakers from marketing firms from Northwest Indiana and the Chicago land areas. Mandatory attendance at Open House is part of this course

BUSINESS LAW

CCN: 1640

SOPHOMORES, JUNIORS, SENIORS

A Core 40 and AHD course

The course introduces the students to the legal environment and to special laws for special groups and contracts (making binding agreements). Emphasis is placed on the development of professional writing, research, and procedures. Students will complete projects requiring both written and presentation components and gain an understanding of the legal aspects of operating a business.

COMPUTER APPLICATIONS ADVANCED**CCN: 1670***ALL GRADES*

A Core 40 and AHD course

In this course students develop an understanding of the concepts and applications of the personal computer. Students are involved in hands-on activities and practical applications, learning the rules, ideas and capabilities of word processing programs, spreadsheets and database management using Microsoft Works.

COMPUTER PROGRAMMING**CCN: 1680***JUNIORS, SENIORS**PREREQUISITE: KEYBOARDING SKILL AND ALGEBRA.*

A Core 40 and Academic Honors Elective

Computer Programming is a business course designed to primarily introduce students to computer programming using various languages. Throughout the course, additional information regarding programming-related careers and career/educational paths will be provided. Instructional strategies may

include “hands-on” equipment operation and scenario-based activities. In-baskets, mini baskets, and LAPS may be used to expose students to workplace scenarios that require the development/programming of simple applications. Emphasis on necessary logical thinking processes is required for problem analysis and solving.

ENTREPRENEURSHIP**CCN: 1690***JUNIORS, SENIORS**PREREQUISITE either Business Foundations or Marketing*

Entrepreneurship is a focused course allowing students to acquire the knowledge necessary to develop, create, and manage their own business in an effective manner. This course allows students to see not only the benefits and rewards of entrepreneurship, but the difficulties and challenges associated with the formation as well. Through this course students will have the opportunity to create a written business plan and get a full perspective on the advantages and challenges of the chosen business.

ENGLISH DEPARTMENT

The Andrean English department is divided into two levels, honors English and regular English for the sophomore, junior and senior levels.

HONORS ENGLISH 9, 10

CCN: 1720/1725 (9)

CCN: 1740/1745 (10)

(Admission is by recommendation of the department. An avid interest in reading as well as excellent grammar and writing skills is required.)

A Core 40 and AHD course

The Honors English program is open to those students who have demonstrated a marked proficiency in reading and writing and active participation in class discussions. This course provides both independent study and class activities to enable the students to study more literature in greater depth than the regular English syllabus allows. Though in senior year ALL students have the option of taking the Advanced Placement Examination in English, the Honors track provides some specific preparation activities for this examination. Summer reading is required at this level.

AP ENGLISH 11 LANG. & COMP.

CCN: 1760/1765

A Core 40 and AHD course

Students in this class will be prepared to earn college credits upon taking the AP exam. One semester will focus on language and the second semester will focus on composition.

AP ENGLISH 12 LIT. & COMP.

CCN: 1780/1785

A Core 40 and AHD course

Students in this class will be prepared to earn college credits upon taking the AP exam.

Students who wish to take I.U. ACP may do so. One semester will be literary interpretation; the other will be composition. Each course is worth three college credits.

ENGLISH 9

CCN: 1710/1715

FRESHMEN

A Core 40 and AHD course

Emphasis in this course is on the composition of the paragraph together with a study of basic literary concepts. Students review basic rules of grammar, usage, and mechanics, and study vocabulary. Oral communication is emphasized in effective listening and speaking techniques as they learn to express their ideas verbally.

ENGLISH 10

CCN: 1730/1735

SOPHOMORES

A Core 40 and AHD course

This course presents an intensive review and development of grammar and composition skills in conjunction with a study of the basic types of literature: poetry, novel, drama, and short story. Vocabulary study is continued. Oral communication is emphasized in effective listening and speaking techniques as they learn to express their ideas verbally.

ENGLISH 11

CCN: 1750/1755

JUNIOR

A Core 40 and AHD course

This course emphasizes the major themes of American Literature and reinforces them through composition. Techniques of research paper writing are taught. Vocabulary study continues. Oral communication is emphasized in effective listening and speaking techniques as they learn to express their ideas verbally.

ENGLISH 12

CCN: 1770/1775

SENIORS

A Core 40 and AHD course

This course continues the practice of writing the major forms of composition, together with the study of major themes and works of British and world literature. Students still have formal vocabulary study. Oral communication is emphasized in effective listening and speaking techniques as they learn to express their ideas verbally.

CREATIVE WRITING**CCN: 1790***JUNIORS, SENIORS*

A Core 40 and AHD course

Creative Writing provides students with ample opportunities to combine literary creativity with the discipline of written discourse. The concept of the manipulation of language to convey ideas, feelings, moods and visual images should be the basis of the course. Students become familiar with standard literary elements through the reading and study of published prose and poetry and are taught to use those elements in their own writing. Additionally, students learn strategies for evaluating and responding to their own writing and the writing of others in a peer sharing component. In this peer sharing component, students receive specific training in providing constructive, substantive feedback, while role playing as likely readers of each creative work. Representative models of literary excellence may also be studied.

THEMES IN LITERATURE: SHAKESPEARE**CCN: 1800***JUNIORS, SENIORS**PREREQUISITE: B in English for the previous semester.*

A Core 40 and AHD course

This course is a study of universal themes appropriate to the age level as well as interest level of high school juniors and seniors. Primarily concentrating on the works of William Shakespeare will do this. The course will begin with an intense examination of his tragedies and end with a study of his comedies. Writing assignments will allow students to focus on the struggles of the past and relate them to current social problems. In addition to frequent writing assignments, course work will include reading, critical thinking, speech, and dramatic elements. If possible, the class will attend a live theatrical performance.

JOURNALISM**CCN: 1810***ALL GRADES*

A Core 40 course

Journalism is a semester course designed for students interested in newspaper journalism and developing their skills as a writer. The course explores the contemporary media and the ethical responsibility issues inherent in the press today. Students will learn the fundamentals of news, feature, editorial and sports writing. Copy reading, news style and editing will be stressed. Students will create numerous original stories using varied structures and writing techniques. Students will also learn to create computer generated layouts and graphics.

SPEECH**CCN: 1820***SOPHOMORES, JUNIORS, SENIORS**RECOMMENDED: C in English or the equivalent English course for upperclassmen*

A Core 40 and AHD course

This course gives the students practice in thinking on their feet and expressing their thoughts clearly, while emphasizing the ability to deliver prepared speeches. Students have opportunities to make different types of oral presentations including: (1) viewpoint, (2) instructional, (3) demonstration, (4) informative, (5) persuasive, and (6) impromptu.

STUDENT PUBLICATIONS I**CCN: 1830/1835***SOPHOMORES, JUNIORS, SENIORS,*

PREREQUISITE: a student must have earned no less than a B in Journalism and have received the journalism teacher's consent Student Publications is a year course designed to be an in-depth application of the theory and skill mastered in the first year journalism course. Students generate, write, and edit stories necessary to produce the Acropolis, Andean's student newspaper. In addition to writing articles, students will design computer generated layouts as well as meet all predetermined production and editorial deadlines. Motivation, responsibility, independence and self-direction are essential characteristics for a student who enrolls this course.

STUDENT PUBLICATIONS II HONORS**CCN: 1840/1845***JUNIORS, SENIORS*

PREREQUISITE: a student must have earned no less than a B in Student Publications I and have received the journalism teacher's consent.

The course is a continuation and more advanced application of the journalistic skills mastered in the Student Publications I course. Strong leadership skills, independence, motivation, and a sense of individual responsibility are essential in this course.

STUDENT PUBLICATIONS III HONORS**CCN: 1850/1855**

PREREQUISITE: In order to enroll in the class, a student must have earned no less than a B in Student Publications II and have received the journalism teacher's consent.

Student Publications III is a two semester advanced level course designed to develop and enhance individual research, journalistic, design, computer and publication skills learned in Student Publications II. This course requires strong leadership skills and self-motivation; students are expected to take on more responsibility individually as well as at the staff level. Articles must consistently reflect ethical research, strong journalistic writing, and a balance of sources and issues.

HEALTH AND PHYSICAL EDUCATION DEPARTMENT

HEALTH & WELLNESS EDUCATION

CCN: 1900

FRESHMEN REQUIRED

This course is required to meet state graduation, Academic Honors Diploma, and Core 40 requirements.

High school health education provides an opportunity for students to develop skills for daily living which helps them prepare for the future. Students are provided with opportunities to explore the effect of health behaviors on an individual's quality of life. This course assists students in understanding that health is a lifetime commitment by analyzing individual risk factors and health decisions that promote health and prevent disease.

ADVANCED HEALTH EDUCATION

CCN: 1950

JUNIORS, SENIORS

PREREQUISITE: C average or better in Biology C in Health

A Core 40 course

Does not count for AHD

This course is designed for any student who is seriously considering pursuing a career in medicine, particularly one of the many fields of sports medicine. The students will have the opportunity to explore many sports medicine careers. The students study the anatomy, causes, prevention, treatment and rehabilitation of injuries for most of the major joints of the body.

PHYS. EDUC. I

CCN: 1910 (girls)

CCN: 1920 (boys)

FRESHMEN REQUIRED

PREREQUISITE: Physical examination.

This course is required to meet state graduation requirements, Academic Honors diploma, and Core 40 requirements.

Physical Education I places emphasis on health-related fitness and developing the skills and habits necessary for a lifetime of activity. This program includes skill development and the application of rules and strategies of a variety of different sports. The students will engage in activities that involve both aerobic and anaerobic exercise and understand the benefits of both types of exercise.

PHYS. EDUC. II

CCN: 1930 (girls)

CCN: 1940 (boys)

JUNIORS REQUIRED

PREREQUISITE: Physical examination. Physical Education I

This course is required to meet state graduation requirements, Academic Honors Diploma, and Core 40 requirements.

Physical Education II emphasizes a personal commitment to lifetime activity and fitness for enjoyment, challenge, self-expression, and social interaction. This course provides students with opportunities to achieve and maintain a health-enhancing level of physical fitness and increase their knowledge of fitness concepts through various types of activities and sports.

ELECTIVE PHYSICAL EDUCATION

CCN: 1960

ALL GRADES

PREREQUISITE: P.E. 100, physical examination. Juniors and seniors who want to repeat this course must obtain a recommendation from the department.

Can be repeated for credit

This course is for the student who would like to learn weightlifting techniques and how to design a weightlifting program. The course helps students build healthier bodies through safe, proper physical maintenance and diet. This class stresses the importance of maintaining a healthy fitness level now and throughout life.

CURRENT HEALTH ISSUES

CCN: 1970

SOPHOMORES, JUNIORS, SENIORS

A Core 40 and AHD course

This course analyzes popular myths surrounding drug use in the United States. It is an in-depth study of the types of drugs commonly used, the effects of these on the human body, and on a person's mental and social health. This course explores the long and short term consequences of drug use on our society.

MATHEMATICS DEPARTMENT

Courses of the Mathematics Department are designed to provide mathematical experiences for students with varying abilities.

HONORS ALGEBRA I

CCN: 2040/2045

FRESHMEN

PREREQUISITE: Students are admitted to this class on the basis of the quantitative and math scores on the Placement Test, eighth grade ISTEP scores, grade school transcripts, and by recommendation of the department.

A Core 40 and AHD course

Honors Algebra I provides a formal development of the algebraic skills and concepts necessary for students who will take other advanced college-preparatory courses. In particular, the instructional program in this course provides for the use of algebraic skills in a wide range of problem-solving situations. The concept of function is emphasized throughout the course. Topics include: (1) properties of real numbers, (2) solving linear equations, (3) basic operations with polynomials, (4) solving quadratic equations and systems, (5) properties of exponents, and (6) introductory topics from statistics and probability.

ALGEBRA I (100)

CCN: 2030/2035

FRESHMEN

PREREQUISITE: Freshmen are placed according to their Placement Test quantitative and math scores, eighth grade ISTEP scores, and grade school transcripts.

A Core 40 and AHD Course

This course includes (1) properties of real numbers, (2) solving linear and quadratic equations, (3) solving linear inequalities, (4) solving verbal problems, (5) operations with polynomials, (6) graphing relations and functions, and (7) operations with rational expressions.

MATH LAB

CCN: 2010

FRESHMEN

PREREQUISITE: Determined by the quantitative and math scores on the Placement Test, eighth grade ISTEP scores, and grade school transcripts.

A Core 40 and AHD Course

This combination covers the same material that the Algebra (100) class described above does. The addition of the Math Lab is to strengthen fundamental math skills.

HONORS GEOMETRY

CCN: 2070/2075

FRESHMEN, SOPHOMORES

PREREQUISITE: Freshmen are placed in this course after completion of the Algebra I exam that is given in May. Sophomores must have at least a B in Honors Algebra I or by recommendation of the department

A Core 40 and AHD course

Honors Geometry provides students with experiences that deepen the understanding of shapes and their properties. Deductive and inductive reasoning as well as investigative strategies in drawing conclusions are stressed. Properties and relationships of geometric figures include the study of: (1) angles, (2) lines, (3) planes, (4) congruent and similar triangles, (5) trigonometric ratios, (6) polygons, and (7) circles and spatial drawings. An understanding of proof and logic is developed.

GEOMETRY (200)

CCN: 2060/2065

FRESHMEN, SOPHOMORES, JUNIORS, SENIORS

PREREQUISITE: Algebra I (100), (Freshmen, by recommendation of the department after completion of the Algebra I exam that is given in May).

A Core 40 and AHD Course

This course is a study of plane and solid Euclidian geometry. It reviews basic geometric concepts and constructions and extends into the detailed study of proof, parallelism, polygons and circles, similarity, congruence, areas, and volumes.

HONORS ALGEBRA II AND TRIG

CCN: 3000/3005

FRESHMEN, SOPHOMORES, JUNIORS

PREREQUISITE: Freshmen are placed in this course after completion of the Geometry exam that is given in May. Sophomores and Juniors must have at least a C in Honors Geometry or by recommendation of the department.

A Core 40 and AHD Course

Honors Algebra II is a course that expands on the topics of Honors Algebra I and provides further development of the concept of a function. Topics include (1) right triangle trig (2) Law of Sines /Law of Cosines, (3) algebraic proofs, (4) matrices, (5) exponential and logarithmic functions, (6) rational functions, (7) radical functions, (8) complex numbers, (9) conic sections, (10) circular trig functions, and (11) sinusoidal graphs.

ALGEBRA II (300)**CCN: 2090/2095***JUNIORS, SENIORS**PREREQUISITE: Geometry (200) or by recommendation of the department*

A Core 40 and AHD Course

Topics from Algebra I (100) are reviewed and extended into the study of irrational numbers, complex numbers, and various functions (quadratic, exponential, logarithmic). Topics also include operations with matrices and graphs of conic sections.

TRIGONOMETRY**CCN: 3040***SENIORS**PREREQUISITE: Algebra II (300) or by recommendation of the department*

A Core 40 and AHD Course

This one semester course includes (1) study of circular functions, (2) graphs of sine, cosine and tangent, (3) identities, (4) solving trig equations, (5) solving general triangles, and (6) polar coordinates.

PRE-CALCULUS (430)**CCN: 3010/3015***JUNIORS, SENIORS**PREREQUISITE: B in Algebra II (300) or by recommendation of the department.***PLEASE NOTE: Students who register for Pre-calculus MAY NOT register for Trigonometry.**

A Core 40 and AHD Course

This pre-calculus course covers topics of Trigonometry listed above. Other topics covered are: graphs of linear, quadratic, and other polynomial functions; conic sections; exponential and logarithmic functions; arithmetic sequences and series; geometric sequences and series, and an introduction to limits.

HONORS PRE-CALCULUS / TRIG**CCN: 3016/ 3017***JUNIORS, SENIORS**PREREQUISITE: completion of Honors Algebra II and Trig or by recommendation of the department.*

Students may not concurrently enroll in both this course and AP Calculus.

A Core 40 and AHD Course

DISCRETE MATHEMATICS**CCN: 3030***JUNIORS, SENIORS**PREREQUISITE: Algebra II (300).*

A Core 40 and AHD Course

This course is for students who will take higher level mathematics in college that does not necessarily include Calculus. Topics covered are: linear programming, matrices, graph theory, and game theory. Emphasis is on decision-making skills in the areas of business, economics, and social science.

PROBABILITY AND STATISTICS**CCN: 3050***SENIORS**PREREQUISITE: Algebra II (300) or by recommendation of the department*

A Core 40 and AHD Course

This course studies measures of central tendency and spread, probability, distributions (normal, binomial, student and chi-square), and testing of hypotheses.

ACP CALCULUS MA 215/ AP CALCULUS AB**CCN: 3070/3075***SOPHOMORES, JUNIORS, SENIORS**PREREQUISITE: At least a C in Honors Algebra II or Pre-calculus (430) or by recommendation of the department.*

A Core 40 and AHD Course

This course studies analytic geometry and introductory calculus. It prepares students to write the Advanced Placement Examination for Calculus AB. Also, arrangements can be made with I.U. to take this course for a credit of 5 semester hours.

HONORS PROBABILITY AND STATISTICS**CCN: 3060***SENIORS**PREREQUISITE: AP Calculus AB, or a B in Honors Algebra II, or by recommendation of the department.*

A Core 40 and AHD Course

This course covers the same topics as Probability and Statistics, as well as coefficient of correlation, curve fitting, and nonparametric tests.

ACP CALCULUS MA 216/ AP CALCULUS BC**CCN: 3080***SENIORS**PREREQUISITE: AP Calculus AB.*

A Core 40 and AHD Course

A 2nd year college level course, it is taken as independent study under the direction of the department dean, and follows the syllabus for the Advanced Placement Calculus BC. Also, arrangements can be made with I.U. to take this course or a credit of 5 semester hours.

SCIENCE DEPARTMENT

TYPICAL SEQUENCES

Earth Space Science

Biology

Integrated Chemistry – Physics

Chemistry or Physics

Biology

Integrated Chemistry

Chemistry or

Physics or Environment

Honors Biology

Honors Chemistry

Honors Physics

AP-Science

ACP-Chemistry/Physics

Electives: Anatomy & Physiology, Astronomy, Introduction to Microbiology, Genetics most likely fitting into the regular track

BIOLOGY I

CCN: 3100/3105

FRESHMEN, SOPHOMORES

A Core 40 and AHD Course

Biology I provides, through regular laboratory and field investigations, a study of the structures and functions of living organisms and their interactions with their environment. At a minimum, this study explores the functions and processes of cells, tissues, organs, and systems within various species of living organisms and the roles and interdependencies of organisms within populations, communities, ecosystems, and the biosphere.

HONORS BIOLOGY

CCN: 3110/3115

FRESHMEN

Placement is based on the Placement Test Scores, eighth grade ISTEP scores.

A Core 40 and AHD Course

Honors biology provides, through lecture, laboratory and field investigations an in depth study of the structures and functions of living organisms and their interactions with their environment. Students discuss advanced topics that are not covered in the regular biology course such as AIDS, exotic viruses, and hepatitis. Epidemiology of the diseases is also emphasized. Emphasis is placed on independent study and critical thinking skills. Students will also be involved in a long-term project.

EARTH & SPACE SCIENCE I

CCN: 3120/3125

FRESHMEN

A Core 40 and AHD Course

Earth and Space Science I provides a study of the earth's lithosphere, atmosphere, and hydrosphere, and its celestial environment. This course emphasizes the study of energy at work in forming and modifying earth materials, land forms, and continents through geological time. Students have opportunities to gain understanding of the history of the development of the earth and space sciences, to explore the uses of knowledge of the earth and its environment, along with laboratory experimentation

in various careers, and to cope with problems related to personal needs and social issues.

INTEGRATED CHEMISTRY/PHYSICS

CCN: 3130 – Integrated Chemistry

CCN: 3140 -- Integrated Physics

SOPHOMORES, JUNIORS

PREREQUISITES: Biology I, Algebra I

A Core 40 and AHD Course

Integrated Chemistry-Physics introduces the fundamental concepts of scientific inquiry, the structure of matter, chemical reactions, forces, motion, and the interactions between energy and matter. This course will serve students as a laboratory-based introduction to possible future course work in chemistry or physics while ensuring a mastery of the basics of each discipline.

CHEMISTRY I

CCN: 3150/3155

SOPHOMORES, JUNIORS, SENIORS

PREREQUISITES: Sophomores: B in Biology I, B in Algebra I (100); Juniors and Seniors: Integrated Chemistry-Physics, concurrent registration in either geometry or algebra II.

A Core 40 and AHD Course

First Year Chemistry allows students to synthesize useful models of the structure of matter and the mechanisms of its interactions through laboratory investigations of matter and its chemical reactions. This course provides a comprehensive approach to the principles of Chemistry. Critical thinking, scientific reasoning, and data analysis will be included and implemented through laboratory and demonstration.

HONORS CHEMISTRY I**CCN: 3160/3165***SOPHOMORES, JUNIORS**PREREQUISITE: Sophomores: A in Biology I, A in Algebra I (100) or B in Honors Algebra I,**Juniors: A in Integrated Chemistry-Physics and, concurrent registration in Algebra II and A in Algebra I (100) or B in Honors Algebra I.*

A Core 40 and AHD Course

Students discuss advanced topics in chemistry that are not covered in the regular chemistry course such as organic chemistry nomenclature and basic alkane, alkene, and alkyne reactions. There is great emphasis on problem solving, calculations, and laboratory analysis. Students will be involved in a major, long-term inquiry project.

PHYSICS I**CCN: 3170/3175***JUNIORS, SENIORS**PREREQUISITES: JUNIORS: Chemistry I;**SENIORS: Demonstrated proficiency in Physics topics in Integrated Chemistry-Physics.*

A Core 40 and AHD Course

This course will not meet the requirements for AP Physics or AP Chemistry.

Physics I aids students in synthesizing the fundamental concepts and principles concerning matter and energy through the laboratory study of mechanics, wave motion, heat, light, electricity, magnetism, electromagnetism, and atomic and nuclear physics.

HONORS PHYSICS I**CCN: 3180/3185***JUNIORS, SENIORS**PREREQUISITES: Juniors: B in Chemistry or C in Honors Chemistry I; B in Geometry**SENIORS: Required: Chemistry I, Concurrent registration in at least Algebra II.*

A Core 40 and AHD Course

Classical and modern topics in Physics are studied with emphasis on underlying principles, in-depth mathematical relationships and problem solving, as well as basic laboratory experimentation. Students will be involved in a major long-term inquiry project.

ENVIRONMENTAL SCIENCE - ADVANCED**CCN: 3190 (first semester)****CCN: 3195 (second semester)***SENIORS**One independent of the other**PREREQUISITES: Earth & Space Science I, Biology, and Integrated Chemistry/Physics.*

A Core 40 and AHD Course

Environmental Science, Advanced, is interdisciplinary by nature integrating biology, earth science, chemistry, and other disciplines. This course is designed to challenge students through an in-depth

scientific study of ecosystems, population dynamics, resources and their management, and environmental consequences of natural and anthropogenic processes. Students will formulate, design, and carry out laboratory and field investigations as an essential course component. Specific topics include Sustainability of Natural Ecosystems, Natural Ecosystem Balance and Adaptation, Human Population and Resource Use, Food Production and Soil Ecosystems, Water Management, pollution, resource and energy use are considered. Specific topics include Groundwater, Surface Water and Air Pollution, Wild Species and Land Resources, Fossil Fuels, Nuclear Power and Solar Energy Resources.

GENETICS**CCN: 3200***SENIORS**PREREQUISITES: B in Chemistry or C in Algebra II (300).*

This course is an intensive study of genetics, including cellular physiology, molecular genetics, Mendelian genetics, population studies, human genetic applications, and genetic technologies. There is an emphasis on data collection and analysis.

ASTRONOMY**CCN: 3210***JUNIORS, SENIORS**PREREQUISITES: C in Geometry, C in Chemistry or C in Integrated Chemistry/Physics with permission from the instructor*

Astronomy introduces the structure of the solar system, the measurement of astronomical distances and velocities, and the history of modern astronomy.

The student will access prior knowledge of mathematics and science and apply that to the observation and prediction of the structure and movement of planets, stars, and galaxies.

The course will provide the student with an overview of competing theories to explain the origin of the universe and will explore stellar evolution, the interaction of gravitation and radiation as well as identification of specific stars and galaxies.

ANATOMY & PHYSIOLOGY**CCN: 3220***JUNIORS, SENIORS**PREREQUISITES: C in Biology I or Honors Biology C in Chemistry I and a C in Algebra I (100)*

Anatomy and Physiology covers the structure and functioning of the human body. The course begins with an introduction to the human body and the key chemistry concepts needed to understand its processes. Laboratory experience and text based activities will provide learning in the following topics: the major body systems; how the body systems work together to provide homeostasis; body functions in the healthy and diseased states; blood

typing; muscle action; cranial nerve function and bioethics.

INTRODUCTIONS TO MICROBIOLOGY

CCN: 3230

JUNIORS, SENIORS

PREREQUISITES: C in Biology I or Honors Biology, C in Chemistry I and a C in Algebra I (100)

This course is designed to provide an overview of the biological world we live in. Both macro and micro systems will be studied, along with the connections and relationships among the various parts. Major disease causing organisms will be studied as well as microorganisms and their relationship to man and the environment. Laboratory experiences and text based activities will be utilized.

ADVANCED PLACEMENT COURSES (AP) Class size is limited to 20 students. AP courses are designed for those interested in an engineering and/or science-related career. A.P. exams will be available in the spring for advanced college credit.

BIOLOGY ADVANCED PLACEMENT

CCN: 3340/3345

SENIORS

PREREQUISITES: A in Biology I or B in Honors Biology, A in Chemistry I and B in Physics I; B in Algebra II (300). Recommended: Statistics, Trigonometry and/or Pre-calculus (430) or permission of instructor

A Core 40 and AHD Course

This course simulates a college freshman's first year of Biology. It covers biochemistry, cellular physiology, energy, genetics, and evolution in the first semester. The second semester covers taxonomy, comparative anatomy and physiology, plants, human anatomy and physiology, and ecology. There are approximately 20 lab exercises per semester.

CHEMISTRY ADVANCED PLACEMENT/ACP

CCN: 3350/3355

SENIORS

PREREQUISITES: A in Chemistry I or B in Honors Chemistry I, B in Honors Physics I, B in Algebra II (300) Recommended: A in Algebra II (300) or B in Honors Algebra II

A Core 40 and AHD Course

This is an intense study of the principles of Chemistry in which laboratory skills and techniques are emphasized. This course is challenging in both content and pace. Indiana University offers college credit through this course if enrolled in the university's ACP program. IU-ACP course is incorporated with the AP syllabus.

PHYSICS ADVANCED PLACEMENT B

CCN: 3360/3365

JUNIORS

PREREQUISITES: A in Chemistry I or B in Honors Chemistry I; A in Geometry (200) or B in Honors Geometry; concurrent registration in at least Algebra II (300). This is a study of classical and modern topics in Physics

A Core 40 and AHD Course

This course will utilize the same text as Honors Physics I but will cover additional material at an increased pace in order to cover all of the topics required for preparation for the algebra-based AP . This course is intended for students seriously interested in science, mathematics or engineering fields who want the most comprehensive preparation for the A.P. Physics B exam.

PHYSICS ADVANCED PLACEMENT C/ACP

CCN: 3370/3375

SENIORS

PREREQUISITES: B in Honors Physics I or Advanced Placement Physics B; B in Algebra II (300); completion of or concurrent registration in AP Calculus AB.

A Core 40 and AHD Course

Concurrently taught as Indiana University Advanced College Program Physics 221 course and designed to prepare students for the AP Physics C Mechanics exam given in mid-May. If no students choose the ACP option, course topics will be modified to provide additional preparation for the A.P. Physics C Electricity and Magnetism exam. ACP topics not included in the AP curriculum include fluids, waves, and thermodynamics.

SOCIAL STUDIES DEPARTMENT

WORLD GEOGRAPHY

CCN: 3400

ALL GRADES

A Core 40 and AHD course

World Geography introduces the five basic themes of geography: location, place, relationships within and between places, movement (including “cultural diffusion”), and regions. The course covers all seven continents but puts special emphasis on the Mideast, Africa, and Asia.

WORLD HISTORY

CCN: 3410/3415

SOPHOMORES

A Core 40 and AHD course

World History is a study of selected world cultures. The content of the course provides a basis to compare and analyze patterns of culture, emphasizing both the diversity and commonality of human experience and behavior. The course explores the connections among civilizations from earliest times to the present, concentrating on the major countries of Europe, Asia, the Mid East, Africa, and Latin America.

EUROPEAN HISTORY ADVANCED PLACEMENT

CCN: 3420/3425

SOPHOMORES

PREREQUISITE: Students must be in the top half of the sophomore class with a passion for history and very strong English skills

A Core 40 and AHD Course

The Advanced Placement European History course follows the curriculum guidelines set by the College Board . The course primarily covers major European (and some World) events from the Late Middle Ages and Renaissance to the early 1990 fall of the U.S.S.R. and Desert Storm. The course prepares students to take the A.P. European History Exam administered every May.

U. S. HISTORY

CCN: 3430/3435

JUNIORS

A Core 40 and AHD course

United States History investigates the development of the nation from the colonial period to the present with a special emphasis on the post-Civil War eras. Additional emphasis will be placed on the interaction theme of the class is how the American political system operates today and how that system has changed over time.

of history, geography, and social and economic forces which influence national development. The course will develop major themes in U.S. history, trace the chronology of that history, develop relationships between significant trends and ideas in U.S. history, identify assumptions and biases, and relate historical situations to present day concerns.

U.S. HISTORY ADVANCED PLACEMENT

CCN: 3440/3445

JUNIORS

PREREQUISITE: Student must earn a B or better in an honors level history course or an A in a regular social studies course to enroll in this course

A Core 40 and AHD course

AP U.S. History is a survey of American history from the age of exploration and discovery to the present. Solid reading and writing skills, along with a willingness to devote considerable time to homework and independent study, are necessary to succeed. Emphasis is placed on critical and evaluative thinking skills, essay writing, and the study of primary historical documents.

U.S. GOVERNMENT

CCN: 3450

SENIORS

A Core 40 and AHD Course

This course includes the study of the origin and evolution of political systems, with stress on the development of American democracy. A major focus is on contemporary politics. The Constitution and Amendments, and their interpretation and change over time, is examined in detail. All levels of government are covered, with due emphasis given to the Federal Government.

U.S. GOVERNMENT ADVANCED PLACEMENT

CCN: 3470

SENIORS

A Core 40 and AHD Course

This course is designed to be the equivalent of a college survey. It covers in depth the Constitution, civil liberties, civil rights, political ideologies, political parties, interest groups, the news media, political campaigns, Congress, the presidency, the federal courts, and the federal bureaucracy. A major

SOCIOLOGY**CCN: 3480***JUNIORS, SENIORS*

A Core 40 and AHD course elective

Sociology is the study of group interaction and its effects on the individual and his behavior. The course content includes the study of social institutions: the family, peer groups, the church, the schools and government. It also covers the theory of sociology: group dynamics, and the development of norms, values, habits, beliefs, attitudes that are prevalent in modern society. Considerable attention is devoted to social problems.

TOPICS IN HISTORY: AFRICAN-AMERICAN STUDIES**CCN: 3530***JUNIORS, SENIORS*

Topics in History: African-American History examines the impact of African-Americans on the U.S. This course studies the African culture, slavery, the Black experience in American and contemporary race relations.

ECONOMICS**CCN: 3490***SENIORS*

A Core 40 and AHD course

Economics is the study of how people satisfy their basic needs with the means available to them. It emphasizes economic problems and principles, production, consumption, taxation, distribution of

wealth and income, value, and the pricing process. Current economic problems are discussed, as well as the major contrasting economic systems in the world today.

TOPICS IN HISTORY: CONTEMPORARY SOCIAL HISTORY CONFLICT IN POST WAR US**CCN: 3510***SENIORS*

A Core 40 and AHD course

This course examines the racial, cultural, and economic conflict in post war American society. It will also explore the resolution of conflict within the political traditions of the United States. The content of this course will allow students to develop historical research skills through the analysis, synthesis, and evaluation of primary and secondary source materials.

PSYCHOLOGY**CCN: 3520***JUNIORS, SENIORS*

Psychology is an introductory course that explores topics from a practical and theoretical perspective. Psychology students will focus on behavior theory, personality development, as well as understanding some of the basic causes for an individual's motivation. The course will consist of discussion, videos, projects, guest speakers, and traditional learning methods.

THEOLOGY DEPARTMENT

(A minimum of 7 semesters of Theology is required.)

BIBLICAL LIT I

CCN: 3600

FRESHMEN

REQUIRED

This course acquaints the freshmen with the fundamental texts of the Judeo-Christian heritage. Students are guided through major sections of the Hebrew Scriptures and are taught critical skills with which to interpret the Bible.

ROMAN CATHOLIC CHURCH

CCN: 3610

FRESHMEN

REQUIRED

This course traces the historical development of the Church. The church community is presented through the Catechism of the Catholic Church. In addition to the Church's worship and beliefs, traditions in doctrine, sacramentality, and Mariology are explored.

BIBLICAL LIT II

CCN: 3620

SOPHOMORES

REQUIRED

The focus of this course is an in-depth analysis of the New Testament as *the* central document of the Christian faith. Each major book of the New Testament is explored critically, establishing a foundation upon which to build a firm and dynamic faith.

MORALITY

CCN: 3630

SOPHOMORES

REQUIRED

Students in this course study the norms of Christian moral behavior: the Decalogue, conscience, law, freedom and responsibility. They also examine Church teaching on issues such as abortion, euthanasia, and capital punishment. A responsible understanding of human sexuality is a fundamental part of this course.

SOCIAL GOSPEL

CCN: 3640

JUNIORS

REQUIRED

Students examine the social justice tradition of the Church on such issues as poverty, racism, criminal justice, and war and peace. Students are encouraged to put into practice the values of the social gospel they have learned in the classroom.

PEER MINISTRY

CCN: 3650

JUNIORS, SENIORS

PREREQUISITE: Teacher recommendation.

Students in Peer Ministry are trained to participate in the life, mission, and work of the faith community at Andean High School. Leadership skills, community building, prayer and spirituality, communication skills, group dynamics, and planning skills are a few of the areas explored in preparing Peer Ministers to lead liturgy and retreat teams.

CHRISTIAN LIFESTYLES

CCN: 3670

SENIORS

REQUIRED

This course examines the married, single, religious, and priestly lifestyles. The student takes a realistic look at the positive and negative aspects of each life choice and its Christian implications. Special emphasis is given to the role of women and men in the shared commitment of marriage.

WORLD RELIGIONS

CCN: 3680

SENIORS

REQUIRED

Students examine the role of spirituality in various cultural settings. The human longing for the spiritual life is explored in the major world religions: Hinduism, Buddhism, Taoism, Confucianism, Shintoism, Judaism, Islam, and Christianity. The understanding of other cultural and religious traditions fosters in the students a deeper appreciation of their own and others' religious backgrounds.

HUMANITIES: INTRODUCTION TO PHILOSOPHY

CCN: 3690

JUNIORS, SENIORS

Core 40

This course is an introduction to important philosophical problems such as: the existence of God, whether ethical values are subjective, and the extent of our freedom. Examining the ideas of how great philosophers or current thinkers may approach these topics and others. This class will require and enhance such skills as critical reasoning, reading comprehension, written communication, and the ability to verbally defend a position.

DEATH & DYING

CCN: 3660

JUNIORS, SENIORS

The purpose of this class is to allow students to explore the concepts of death and dying. Along with providing doctrinal content on Catholic teaching

about suffering, death, and eternal life, the class will also examine the spirituality of death and suffering. Specialty topics such as hospice care, suicide, and concepts of death in the various world religions will also be covered.

WORLD LANGUAGE DEPARTMENT

MODERN LANGUAGES: Today more than ever there is a great need to be able to communicate with other people in their native tongue, and to understand their background. To achieve this, the Language Department offers four modern languages.

FRENCH I

CCN: 3700/3705

ALL GRADES

A Core 40 and AHD course

The Level I French course provides an introduction to the language by stressing pronunciation, basic grammar and listening comprehension. Students also will have an opportunity to learn about the cultures of other French-speaking countries.

FRENCH II

CCN: 3710/3715

FRESHMEN, SOPHOMORES, JUNIORS, SENIORS

PREREQUISITE: French I

A Core 40 and AHD course

The Level II French course enables students to participate in classroom and extracurricular activities related to French as well as to participate in conversations dealing with daily activities and personal interests. French history is introduced with an emphasis on the French Revolution.

FRENCH III

CCN: 3720/3725

SOPHOMORE, JUNIOR, SENIOR

PREREQUISITE: French II

A Core 40 and AHD course

The Level III French course has a comprehensive study of Canada and its connection with the United States and France. The French students also have an increased emphasis on speaking and reading the language.

HONORS FRENCH IV

CCN: 3730/3735

JUNIOR, SENIOR

PREREQUISITE: C in French III AND teacher recommendation.

A Core 40 and AHD course

The Level IV French course enables students to participate in classroom and extra-curricular activities related to French, such as presentations to the student body and to parent groups and taking leadership roles in language clubs. Students are willing to participate in conversations with native and advanced non-native speakers, either in their community or in the school.

HONORS FRENCH V

CCN: 3740/3745

SENIORS

PREREQUISITE: Successful completion of French IV AND teacher recommendation.

A Core 40 and AHD course

The Level V French courses enable students to participate in activities beyond the classroom that could include concerts, theater performances, and community activities. Students will be speaking only in the native language.

SPANISH I

CCN: 3940/3945

FRESHMEN, SOPHOMORES, JUNIORS, SENIORS

A Core 40 and AHD course

The emphasis in Spanish I is on phonology, basic grammar as well as: listening, reading, writing and speaking. Students will learn about the different cultures which use the language.

SPANISH II

CCN: 3950/3955

SOPHOMORES, JUNIORS, SENIORS

PREREQUISITE: Spanish I.

A Core 40 and AHD course

Spanish II will continue to give students an understanding of the culture of Spanish-speaking people through more advanced study of the Spanish language. The students will continue to acquire oral proficiency and fluency in Spanish. Students will learn how to communicate basic information in the past while expanding their vocabulary and their skills to function within cultural settings.

SPANISH III

CCN: 3960/3965

SOPHOMORE, JUNIOR, SENIOR

PREREQUISITE: Spanish II

A Core 40 and AHD course

Spanish III will enable students to understand and appreciate other cultures by comparing social behaviors and values of people living in a Hispanic culture. Students will initiate and participate in discussions concerning these cultures.

HONORS SPANISH IV**CCN: 3970/3975***JUNIOR, SENIOR**PREREQUISITE: C in Spanish III AND teacher recommendation.*

A Core 40 and AHD course

Spanish IV will enable students to participate in classroom and extra-curricular activities related to Spanish, such as presentations and taking leadership roles in Spanish club. Students will participate in conversations with each other in the native language.

HONORS SPANISH V**CCN: 3980/3985***SENIOR**PREREQUISITE: Successful completion of Spanish IV AND teacher recommendation.*

A Core 40 and AHD course

Spanish V will enable students to participate in activities beyond the classroom. Students will participate in conversations with native speakers in the community and promote among their peers and others the benefits of foreign language study and the study of the Hispanic culture.

AP SPANISH LITERATURE**CCN: 3990/3995***SENIOR**PREREQUISITE: Students are required to have successfully completed Spanish III and have earned no less than a 3.0 (If they have completed Spanish IV they have no less than a 4.0.)*

A Core 40 and AHD course

AP Spanish Literature is for students who are aspiring to get college credit for Spanish. Student will learn to read literature critically, write clearly and express their opinions in Spanish. The course is conducted entirely in Spanish. The students will have an opportunity to become familiar with the characteristics of the literary movements and the historical background of the literature. All of the literature is determined by the AP Central College Board. This course includes Spanish and Latin American authors from the Middle Ages to contemporary authors.

GERMAN I**CCN: 3750/3755***ALL GRADES*

A Core 40 and AHD course

The Level I German courses provide basic instruction in the language stressing verbal, written and listening comprehension. The students will also learn to experience the various cultures of the German-speaking world.

GERMAN II**CCN: 3760/3765***ALL GRADES**PREREQUISITE: German I.*

A Core 40 and AHD course

The Level II German course will enable students to participate in classroom and extracurricular activities related to German as well as to participate in conversations dealing with daily activities and personal interests.

GERMAN III**CCN: 3770/3775***SOPHOMORES, JUNIORS, SENIORS**PREREQUISITE: German II*

A Core 40 and AHD course

The Level III German course provides instruction which will enable students to understand and appreciate other cultures by comparing social behaviors and values. Students will initiate and participate in discussions concerning these cultures.

HONORS GERMAN IV**CCN: 3780/3785***JUNIORS, SENIORS**FULL YEAR**PREREQUISITE: C in German III AND teacher recommendation.*

A Core 40 and AHD course

The Level IV German course will enable students to participate in classroom and extra-curricular activities related to German such as presentations to the student body and to parent groups and taking leadership roles in language clubs. Students will participate in conversations with native and advanced non-native speakers, either in their community or in the school.

HONORS GERMAN V**CCN: 3790/3795***JUNIORS, SENIORS**PREREQUISITE: Successful completion of German IV AND teacher recommendation.*

A Core 40 and AHD course

The Level V German course enables students to participate in activities beyond the classroom which may include concerts, theater performances, and community activities. Students will participate in conversations with native speakers in the community and promote among their peers, and others, the benefits of foreign language study and the study of the cultures in which the language is spoken.

LATIN; A CLASSICAL LANGUAGE

The study of Latin will permit the student to read and understand the literature of the great Roman authors. Students will develop an appreciation for classical writing. The study of classical languages offers students the same benefits as the study of other languages.

LATIN I**CCN: 3800/3805***ALL GRADES*

A Core 40 and AHD course

The Latin I course provides instruction enabling students to discuss the many reasons for learning languages and to develop an understanding of the people who speak or spoke them.

LATIN II**CCN: 3810/3815***ALL GRADES**PREREQUISITE: Latin I.*

A Core 40 and AHD course

A two credit course

The Latin II course provides opportunities for students to participate in classroom and extracurricular activities related to Latin. Students learn more about the influence of the classical world on modern culture. In addition, students will become familiar with major geographical features, historical events and political structures of the classical world.

LATIN III**CCN: 3820/3825***SOPHOMORES, JUNIORS, SENIORS**PREREQUISITE: Latin II.*

A Core 40 and AHD course

The Latin III course provides instruction enabling students to understand and appreciate other cultures by comparing social behaviors and values of the ancient Roman people. Students are willing to initiate and participate in discussions concerning the Roman culture and language. Students will also become familiar with major historical events, political structures and value systems of the Roman culture, and recognize similarities with American society.

HONORS LATIN IV**CCN: 3830/3835***JUNIORS, SENIORS**PREREQUISITE: C in Latin III AND teacher recommendation.*

A Core 40 and AHD course

The Latin IV course provides opportunities for students to participate in classroom and extracurricular activities related to the Latin language, such as leadership roles in language clubs. Students will learn of the relationship between the ancient classical world and the modern world in such areas as: literature, visual arts, architecture, and government.

ASSISTANTS

ASSISTANTS**CCN: 4060***JUNIORS, SENIORS SEMESTER OR FULL YEAR*

Assistant delivers messages, performs basic clerical office tasks as needed or assist staff in administration of various clerical details. Assistant positions are available in the main office, medical room, guidance office, development office, library, physical education classes and some of the other departments.

MEDICAL ROOM ASST:*JUNIORS, SENIORS SEMESTER OR FULL YEAR*

The assistant performs basic clerical office tasks, delivers messages.

SCHEDULE CHANGES

The scheduling process at Andean High School begins with students and parents reviewing a course selection sheet with a view to identifying the preferred course selections for the upcoming school year. There is ample opportunity for discussion and consultation before a student submits their preferred course selections for scheduling.

Great care must be exercised on the part of those students desiring enrollment in the Honors classes and the AP classes. Often the master schedule is built around these individuals. Withdrawing from these classes will be met with the utmost resistance, as in all fairness these students had preferential consideration in the scheduling process, and other students' schedules may have been adversely affected in this process.

Andean reserves the right to make schedule changes, including semester instructor changes so that the interest of the entire Andean learning community is served. **If there are any concerns regarding a student's schedule, please contact the Guidance Office immediately.**

If a student's printed class schedule is consistent with the selections identified on the course selection sheet (including alternates), the student is NOT entitled to a ROUTINE schedule change. ROUTINE schedule changes correct computer processing errors.

Nevertheless, it may be that there are extreme or extraordinary circumstances that merit special consideration. It is for this reason that a student may petition for a SPECIAL SCHEDULING CHANGE. The student's petition will be examined by a special Schedule Change Review Committee with a view to approving or denying the student's request.

Here is the procedure for petitioning for a SPECIAL SCHEDULE CHANGE:

1. The student will contact the counselor prior to the designated deadline in order to explore the feasibility of the proposed schedule change. If the student elects to file a petition, the counselor will complete PAGE ONE of the petition form detailing the proposed schedule change.
2. The student will complete PAGE TWO of the petition form, thoroughly explaining the extreme or extraordinary circumstances that may merit special consideration. Supporting documents from significant others may be attached to PAGE TWO.
3. The student will return the petition form to the counselor with a twenty-five dollar process fee (\$25.00). Payment of the processing fee is expected to the committee's review.
4. The counselor will present the student's petition to the Scheduling Change Review Committee for a decision to approve or deny the request.
5. The counselor will notify the student of the changes if they are granted.

Four Year High School Plan

	Subject /Grad	First Semester	Second Semester
	Grade 9		
1	Theology		
2	English		
3	Science		
4	Health/ P.E.		
5	Mathematics		
6	Elective		
7	Elective		
	Grade 10	-----	-----
1	Theology		
2	English		
3	World History		
4	Science		
5	Mathematics		
6	Elective		
7	Elective		
	Grade 11	-----	-----
1	Theology/ P.E.		
2	English		
3	U.S. History		
4	Science		
5	Mathematics		
6	Elective		
7	Elective		
	Grade 12	-----	-----
1	Theology		
2	English		
3	Govt./Econ.		
4	Elective		
5	Elective		
6	Elective		
7	Elective		