

ART CREDIT

A P STUDIO ART 8055-8056

Grade Level: 11, 12

This course follows the guidelines of the College Entrance Examination Board and is designed to prepare advanced students for the Advanced Placement test in studio arts. Students will prepare a portfolio that emphasizes the breadth, concentration and quality of artistic achievement to submit to the College Board for evaluation.

Two semesters. One credit. Students who enroll in this course are required to take the AP exam in the Spring. Advanced placement test fee required.

This class may count towards 1.0 Fine Arts Credit required for graduation.

A P ART HISTORY 8007-8008

Grade Level: 10, 11, 12

In this course, students will study visual art and architecture with emphasis placed on appreciation, critical analysis, and philosophy. The first semester will cover the earliest origins to the 18th Century and the second semester from the 18th Century to contemporary art. The second semester course may be taken independently without taking the first semester course as a prerequisite. One or two semesters. One-half or one credit. Students who enroll in this course are required to take the AP exam in the Spring. Advanced placement test fee required.

This class may count towards 1.0 Fine Arts Credit required for graduation.

CREATIVE PHOTOGRAPHY 1 8131-8132

Prerequisite: Intro to Art recommended as a previous course

Grade Level: 10, 11, 12 or teacher approval

Students will study the creative processes of photography with emphasis on history, aesthetics, criticism, and production in the photographic media. Basic techniques of photography including exposure, composition, camera use, film, and print development, and creative experimentation with darkroom equipment will be taught. Students need regular access to a manual 35mm camera and furnish own film and photo paper. Students in all art activities will observe safety rules. Two semesters. One credit. **Project fee required, access to 35mm manual camera.**

This class may count towards 1.0 Fine Arts Credit required for graduation.

CREATIVE PHOTOGRAPHY 2 8134-8135

Prerequisite: Creative Photography 1

Grade Level: 11, 12

Students will extend the study of photography with an emphasis on expansion of technical capability, alternative processes, and development of an appreciation of contemporary uses of photography. Students need regular access to a manual capable (aperture/shutter speed independently variable) 35 mm single lens reflex camera, and furnish their own film and photo paper. Film and paper may run \$50. Students in all art activities will observe safety rules. Two semesters. One credit. **Project fee required, access to 35mm manual camera**

This class may count towards 1.0 Fine Arts Credit required for graduation.

DRAWING AND PAINTING 1 8251-8252

Prerequisite: Introduction to Art or teacher approval

Grade Level: 10, 11, 12

In this course, students will study drawing and painting using media such as pencil, charcoal, watercolors, and acrylics. Students will study art concepts, criticism, and history. They will practice studio techniques and solve design problems. Students in all art activities will observe safety rules. Two semesters. One credit. **Project fee required**

This class may count towards 1.0 Fine Arts Credit required for graduation.

DRAWING AND PAINTING 2 8261-8262

Prerequisite: Drawing and Painting 1

Grade Level: 11, 12

Students in this course will extend work begun in Drawing and Painting 1 to include the study and applications of advanced techniques. Students in all art activities will observe safety rules. Two semesters. One credit. **Project fee required**

This class may count towards 1.0 Fine Arts Credit required for graduation.

INTRODUCTION TO ART 8201-8202

Grade Level: 9, 10, 11, 12

In this course, students will study art concepts and apply design principles in art production activities. This course provides a survey of art philosophy, history, aesthetics, and criticism. Students in all art activities will observe safety rules. Two semesters. One credit. **Project fee required.**

This class may count towards 1.0 Fine Arts Credit required for graduation.

POTTERY AND SCULPTURE 1 8311-8312

Prerequisite: Introduction to Art or teacher approval

Grade Level: 10, 11, 12

In this course, students will receive instruction on the development of traditional and contemporary styles of pottery and sculpture. Students can gain skills in the production of pottery through the use of the potter's wheel and hand-building methods. Students may also learn various techniques for glazing and firing pottery. In the area of sculpture, students work with materials such as clay, wood, metal, and cast paper. Students in all art activities will observe safety rules. Two semesters. One credit. **Project fee required.**

This class may count towards 1.0 Fine Arts Credit required for graduation.

POTTERY AND SCULPTURE 2 8321-8322

Prerequisite: Pottery and Sculpture 1

Grade Level: 11, 12

In this course, students will extend their study of techniques developed in Pottery and Sculpture 1. Emphasis will be placed on individual growth in such areas as throwing on the potter's wheel, hand-built pottery, and realistic and abstract interpretation in sculpture. Students in all art activities will observe safety rules. Two semesters. One credit **Project fee required.**

This class may count towards 1.0 Fine Arts Credit required for graduation.

GRAPHIC ARTS 1 7311-7312

Grade Level: 9, 10, 11, 12

In this course, students will learn how to use computer design programs to create different print media projects such as posters, brochures, and business cards. They will also learn about basic printing processes including lithography, screen printing, and relief printing. Students will learn and apply design elements to their projects and will be introduced to career opportunities in the printing and graphic design industry. Students will study, learn, and always follow safety rules in all activities.

Lab and project fee required. Two semesters. One credit.

This class may count towards 1.0 Fine Arts Credit required for graduation.

GRAPHIC ARTS 2 7321-7322

Prerequisite: Graphic Arts 1

Grade Level: 10, 11, 12

In this course, students will extend work begun in Graphic Arts 1 to include developing proficiency in various printing trade skills and more advanced graphic design skills. **Students will study design elements which apply to paper and ink selection and will advance in their studies of color, balance, and proportion.**

Students will work with outside clients to create different print media projects and compete in various design contests. Students will continue to build their portfolio from Graphic Art 1. Students will study, learn, and use safety rules in all activities. **Lab and project fee required.** Two semesters. One credit.

This class may count towards 1.0 Fine Arts Credit required for graduation.

SPECIAL ART PRODUCTION—Drawing & Painting 83811-83821

SPECIAL ART PRODUCTION—Photography 83812-83822

35mm camera, **Project fee required**

SPECIAL ART PRODUCTION—Pottery & Sculpture 83810-83820

Prerequisite: Teacher approval (for all 3 versions of Special Art Production)

Grade Level: 11, 12

This course is designed to enable experienced students to pursue advanced studies and/or production in art. Students may choose to study in the area of drawing, photography or pottery. Students in all art activities will observe safety rules. PLEASE SIGN UP USING THE 5 DIGIT COURSE NUMBERS PROVIDED. Two semesters. (This course may be repeated for credit.) One credit. **Project fee required**

This class may count towards 1.0 Fine Arts Credit required for graduation.

BUSINESS CREDIT

ACCOUNTING 1 6001

Grade Level: 10, 11, 12

This course, the first in a two semester sequence, covers the basic principles, concepts, and procedures of business accounting. It provides the foundation for further study and would be useful to all students for both business and personal applications. Workbook fee is required. One semester. One-half credit.

ACCOUNTING 2 6002

Prerequisite: Accounting 1

Grade Level: 10, 11, 12

This second course continues to develop the principles and procedures necessary for entry-level employment in accounting or a related job. The course prepares students for additional study in accounting and the application of these principles to business situations. Workbook fee is required. One semester. One-half credit.

COMPUTERIZED ACCOUNTING 3 6003

Prerequisite: Accounting 2

Grade Level: 11, 12

Accounting 3 is designed for students who are college-bound or preparing for a job. The curriculum is equivalent to a college accounting course, but at a level suitable for high school students. Topics covered will include marketable securities, uncollectible

accounts, accruals, inventories and investments, plant assets and depreciation, and stock distributions. Microcomputers may be used in business simulations to develop and reinforce accounting concepts. A project Fee is required. One semester. One-half credit.

COMPUTER APPLICATIONS 1 6510

Prerequisite: Computer Keyboarding or Instructor Approval

Grade Level: 9, 10, 11, 12

This course introduces the student to the software of the business world and is taught in a business computer lab. This course includes computer concepts, word processing, basic spreadsheets with charts and graphs, and basic database design. Students will create and format documents correctly for business and personal use. Business simulation activities will be used to introduce the student to the business environment and those documents frequently used. A Project Fee is required. One semester. One-half credit.

COMPUTER APPLICATIONS 2 6511

Prerequisite: Computer Applications 1 or Instructor Approval

Grade Level: 9, 10, 11, 12

The student will demonstrate advanced word processing, spreadsheet design, and database management through the use of business applications. Students will complete integrated activities utilizing all software features and develop a basic presentation of those activities. Computer ethics and legal issues will be addressed. A Project Fee is required. One semester. One-half credit.

DESKTOP PUBLISHING 6402

Prerequisite: See Below

Grade Level: 9, 10, 11, 12

In this computer course, students will create flyers, newsletters, and brochures, and calendars by manipulating color, text, and graphics. Among the topics covered will be page and format design, working with fonts, importing text, merging graphics and text, and producing professional documents. Computer applications 1 is recommended prior to taking this course. A Project Fee is required. One semester. One-half credit.

COMPUTERS & TECHNOLOGY 1 5750

Prerequisite: None

Grade Level: 9, 10, 11, 12

Computer and Technology is a course that will introduce students to the many uses of computers and allow students to explore new technologies. Areas of exploration will be video technology, graphics, animation technology and electronic presentations. After sufficient introduction to these new technologies, students will be given opportunities to prepare computer-aided presentations utilizing these varied technologies. This course can be taken for either Computer Studies or Business Education credit. A Project Fee is required. One semester. One-half credit.

COMPUTERS & TECHNOLOGY 2 5751

Prerequisite: Computers and Technology 1

Grade Level: 10, 11, 12

This course is designed to continue the multimedia work students began in Computers and Technology 1. Students will learn advanced computer skills and technologies in the creations of videos and other multimedia projects. This course can be taken for either Computer Studies or Business Education credit. A Project Fee is required. One semester. One-half credit.

COMPUTER PRESENTATIONS 5780

Prerequisite: Previous computer class or Instructor Approval

Grade Level: 10, 11, 12

Computer Presentations may be taken for Computer Studies, Business Education, or Science credit. Computer Presentations will introduce students to PowerPoint software designed for making presentations. Emphasis will be on researching a topic, organizing a presentation on the topic, preparing the presentation on the computer, and presenting it orally. Satisfactory completion of this course will aid the student in meeting the following graduation competencies: oral presentation, writing, research, and computer application. This is not a programming course; a student does not need to know how to program to take this course. A Project Fee is required. One semester. One-half credit.

WEB PAGE DESIGN 6743

Prerequisite: Computer Applications 1 or Instructor approval

Grade Level: 11, 12

Students will learn how to use an Internet browser, use various search engines to seek information, and create effective Web pages by using a variety of software programs. A Project Fee is required. One semester. One-half credit.

This class may count towards 1.0 Fine Arts Credit required for graduation.

BUSINESS TECHNOLOGY 1 & 2 6711-6712

Prerequisite: Keyboarding/Computer Skills or Instructor Approval.

Co-requisite: Business Technology 1 & 2 Jr. Employment

Grade Level 11, 12

This class meets one class period per day. Business Technology 1 & 2 is a unique Cooperative Education program for juniors and seniors designed to tie school and work together. Students attend regular classes, including Business Technology, during the morning and report to their individual worksites in the afternoon. Classroom activities focus on basic skills necessary for employment in the business environment. Current technological trends in the business area are also stressed. Students learn techniques and receive training on equipment/software used in many businesses today. BPA Registration Fee required. One class period per day. Two semesters. Enrollment is required in Business Technology Junior or Senior Employment. Two semesters. One credit.

BUSINESS TECHNOLOGY 3 & 4 6713-6714

Prerequisite: Keyboarding/Computer Skills and Instructor Approval and Business Technology 1 & 2.

Co-requisite: Business Technology 3 & 4 Sr. Employment

Grade Level 12

Business Technology 3 & 4 is a unique Cooperative Education program for seniors interested in pursuing a career in business. The program, designed to tie school and work together, includes both the class and employment co-requisite. Students attend regular classes, including Business Technology, during the morning and report to their individual worksites in the afternoon. Classroom activities focus on advanced skills necessary for employment and advancement in the business environment. Current technological trends in the business area are also stressed. Students receive training on equipment/software used in many businesses today. BPA Registration Fee required. Enrollment is required in Business Technology Senior Employment. Two semesters. One credit.

BUSINESS TECHNOLOGY 1 & 2 JR EMPLOYMENT 6715-6716

Co-requisite: Business Technology 1 & 2

Grade Level: 11

This paid employment is required for juniors enrolled in the Business Technology 1 program. Jobs are selected to offer students on-the-job training in local business or government offices. Students are required to work a minimum of 10 hours per week through the school year. Most students receive minimum wage or above for the job. Two semesters. One credit.

BUSINESS TECHNOLOGY 3 & 4 SR EMPLOYMENT 6717-6718

Co-requisite: Business Technology 3 & 4

Grade Level: 12

This paid employment is required for seniors enrolled in the Business Technology 3 program. Jobs are selected to offer students on-the-job training in local business or government offices. Students are required to work a minimum of 15 hours per week through the school year. Most students receive minimum wage or above for the job. Two semesters. Two credits.

MARKETING EDUCATION 1 & 2 6621-6622

Co-requisite: Marketing Education 1 & 2 Jr. Employment

Grade Level: 11, 12

This cooperative education program includes both classroom instruction and employment. The program is designed to offer an introduction to marketing as well as experience in marketing-related jobs. Classroom instruction will stress job application, management, store operations, human relations, personal selling, advertising, visual merchandising, and international business. Students will participate in DECA, a marketing and management club. This class meets one class period per day. DECA Membership Fee is required. Two semesters. One credit.

MARKETING EDUCATION 3 & 4 6623-6624

Prerequisite: Marketing Education 1 & 2

Co-requisite: Marketing Education 3 & 4 Sr. Employment

Grade Level: 12

This cooperative education program includes both classroom instruction and employment. The program is designed for seniors to offer an advanced experience in the marketing field. Classroom instruction will include the consumer market, marketing research, economics, marketing mix, sales promotion, physical distribution, marketing math, job search, management, and international business. DECA, a student marketing and management club, is included in this class. This class meets one class period per day. DECA Membership Fee is required. Two semesters. One credit.

MARKETING EDUCATION 1 & 2 JR EMPLOYMENT 6625-6626

Co-requisite: Marketing Education 1 & 2

Grade Level: 11

This paid employment experience is required for junior students enrolled in the Marketing Education Program. Jobs are selected to offer students on-the-job training in marketing-related positions. Students are required to work a minimum of 10 hours per week throughout the school year. Most receive minimum wage or above for the job. Two semesters. One credit.

MARKETING EDUCATION 3 & 4 SR EMPLOYMENT 6648-6649

Co-requisite: Marketing Education 3 & 4

Grade Level: 12

This paid employment experience is required for senior students enrolled in the Marketing Education Program. Jobs are selected to offer students on-the-job training in marketing-related positions. Students are required to work a minimum of 15 hours per week throughout the school year. Most receive minimum wage or above for the job. Two semesters. Two credits.

YOUTH ENTREPRENEURS OF KANSAS (Y.E.K.) 1 & 2 6888-6889

Grade Level: 10, 11, 12

YEK provides students the opportunity to learn the basic concepts of small business ownership. Student participants must have fundamental skills in reading, writing, mathematics, and a high level of self-discipline. The curriculum strongly emphasizes experiential learning such as guest speakers and classroom activities to teach students essential business skills. Students write and present business plans judged by a panel of local business and community leaders on such criteria as viability, competitive advantage and goal-setting rationale. YEK's comprehensive program also extends beyond the classroom, giving students the opportunity to compete for venture capital grants, earn college scholarships, participate in summer business partnerships and become YEK Ambassadors (a graduate program to keep students involved.) **YEK 1 and YEK 2 must be taken in sequential order in the same school year.** Project Fee Required. Two Semesters. One Credit.

SPORTS AND ENTERTAINMENT MARKETING 6801

Grade Level: 10, 11, 12

This course will provide a background in the field of Sports and Entertainment Marketing. Course work will cover a variety of marketing activities relating to the sports and entertainment industry. Promotional influences relating to this field of marketing will be covered. One semester. One-half credit.

INTRODUCTION TO BUSINESS 6501

Grade Level: 9, 10, 11

This course includes a study of business organizations and services, career opportunities, skills, and business information needed for both personal and business activities. Also covered are the areas of consumerism, money management, banking, credit risk, investing, communication, government, labor, and trade. One semester. One-half credit.

FINANCIAL MANAGEMENT 6521

Grade Level: 10, 11, 12

Financial Management will inform and prepare students to manage their financial affairs. Students will acquire the information and skills necessary to deal with the following consumer issues: income, employment, banking, budget, consumerism, fraud, credit, insurance, investments, estate planning, and taxes. One semester. One-half credit.

BUSINESS LAW 6170

Grade Level: 10, 11, 12

Business Law is the study of basic legal principles common to everyday personal business activities. Law is constantly being modified to reflect changes in the ideals, values, and goals of our society. Therefore, Business Law is very important in the business curriculum. Students will be introduced to our legal system, contracts, commercial paper, real and personal property, bailments, and landlord/tenant relationships. Guest speakers and case studies are among the methods that will be used. One semester. One-half credit. This class complements Practical Law.

PRACTICAL LAW 6173

Grade Level: 9, 10, 11, 12

This class will provide practical legal information necessary for students to develop conflict resolution skills in our law-saturated society. Topics covered will include the court system, criminal law, juvenile law, lawsuits, family law, discrimination, and our legal rights and responsibilities. Guest speakers from the legal system and case studies will be incorporated into this course. One semester. One-half credit. This class complements Business Law.

COMPUTER KEYBOARDING 6901

Grade Level: 9, 10, 11, 12

Proper keyboard technique is thoroughly covered in this basic course. The student is also introduced to some personal and business typing applications such as centering, tabulation, correspondence, reports, and outlines. This course provides personal-use skills for computer keyboarding, report and letter writing, and meets the needs of a college-bound student. It is also the foundation course for students who will use the keyboard as a vocational skill in typing, word processing, data entry, etc. A Project Fee is required. One semester. One-half credit.

COMPUTER STUDIES CREDIT

COMPUTERS & TECHNOLOGY 1 5750

Prerequisite: None

Grade Level: 9, 10, 11, 12

Computer and Technology is a course that will introduce students to the many uses of computers and allow students to explore new technologies. Areas of exploration will be video technology, graphics, animation technology and electronic presentations. After sufficient introduction to these new technologies, students will be given opportunities to prepare computer-aided presentations utilizing these varied technologies. This course can be taken for either Computer Studies or Business Education credit. A Project Fee is required. One semester. One-half credit.

COMPUTERS & TECHNOLOGY 2 5751

Prerequisite: Computers and Technology 1

Grade Level: 10, 11, 12

This course is designed to continue the multimedia work students began in Computers and Technology 1. Students will learn advanced computer skills and technologies in the creations of videos and other multimedia projects. This course can be taken for either Computer Studies or Business Education credit. One semester. A Project Fee is required. One-half credit.

COMPUTER PRESENTATIONS 5780

Prerequisite: Previous computer class or Instructor Approval

Grade Level: 10, 11, 12

Computer Presentations may be taken for Computer Studies, Business Education, or Science credit. Computer Presentations will introduce students to PowerPoint software designed for making presentations. Emphasis will be on researching a topic, organizing a presentation on the topic, preparing the presentation on the computer, and presenting it orally. Satisfactory completion of this course will aid the student in meeting the following graduation competencies: oral presentation, writing, research, and computer application. This is not a programming course; a student does not need to know how to program to take this course. A Project Fee is required. One semester. One-half credit.

WEB PAGE DESIGN 6743

Prerequisite: Computer Applications 1 or Instructor approval

Grade Level: 11, 12

Students will (1) learn the basics of gathering information from on-line resources for report writing using browsers, search engines, and search strings, and (2) learn to create effective Web Pages by writing HTML (Hypertext Markup Language) code and by utilizing application software like Microsoft Front Page. Ethics, design criteria, and Internet standards will also be addressed. Enroll for Business or Computer credit. A Project Fee is required. One semester. One-half credit.

This class may count towards 1.0 Fine Arts Credit required for graduation.

PROGRAMMING 1 5740

Prerequisite: Computer Keyboarding and Algebra 1

Grade Level: 9, 10, 11, 12

This is the first course that should be taken in the computer programming series. Students in this course will study computer systems, computer applications, social implications of computing, and an elementary treatment of the Visual Basic.net programming language. The structure of this course is designed to balance computer awareness with programming activities. The student will develop independent problem solving skills in computer programming. A Project Fee is required. One semester. One-half credit.

PROGRAMMING 2 5720

Prerequisite: Programming 1

Grade level: 9, 10, 11, 12

This is the second course that should be taken in the computer programming series. In this course, students will study programming methodology, algorithms, and data structures using the Visual Basic.net programming language. Top-down design will be emphasized for program development. Advanced features of Visual Basic will be covered such as arrays, sorts, searches, records, and data management. A Project Fee is required. One semester. One-half credit.

PROGRAMMING 3 5702

Prerequisite: Programming 2.

Grade Level: 10, 11, 12

This is the third course that should be taken in the computer programming series. In this course, students will learn to code fluently in a well-structured fashion using the C++ programming language. Emphasis will be on programming methodology, algorithms, data types and structures. The student will be expected to design and implement computer based solutions to problems using the algorithms in several application areas. A Project Fee is required. One semester. One-half credit

PROGRAMMING 4 5703

Prerequisite: Programming 3

Grade Level: 10, 11, 12

This is the fourth course that should be taken in the computer programming series. This course builds upon and prepares the student for the Advanced Placement in Computer Science Examination in the C++ language. Extensive treatment of programming methodology, data types, structures and algorithms will be stressed. High level documentation will be taught. Content and examinations will follow the guidelines of the College Entrance Examination Board and the Advanced Placement program. A Project Fee is required. One semester. One-half credit

COMPUTER SYSTEMS 1 & 2 5783-5784

Prerequisite: Interview and instructor approval

Grade Level: 11, 12

These courses will enable students to learn hands-on skills that are relevant to a wide variety of computer/technology careers. The areas studied will include installation, configuration, and upgrading of hardware, diagnosing and troubleshooting hardware, and safety and preventive maintenance. These courses will include mastery of material included in the A+ Certification curriculum. Computer Systems 2 is a continuation of the first semester's work. **Computer Systems 1 & 2 must be taken in sequential order in the same school year.** A Project Fee is required. Two semesters. One credit.

ENGLISH-LANGUAGE ARTS CREDIT

APPLIED COMMUNICATION 1561-1562

Prerequisite: English 1, 2, and 3

Grade Level: 12

Applied Communication is designed to help high school students develop and refine career-related communication skills: reading, writing, teaming, listening, speaking, problem-solving, and verbal and nonverbal skills. These skills are learned through application and practice. Two semesters. One credit.

CREATIVE WRITING I 1540

Prerequisite: English 1

Grade Level 10, 11, 12

In this course students will develop creative talents in writing articles, poetry, short stories, and drama with emphasis on writing quality short pieces. One semester. One-half credit.

CREATIVE WRITING 2 1541

Prerequisite: Creative Writing 1

Grade Level: 10, 11, 12

In this course students will develop creative talents in writing articles, poetry, short stories, and drama. Students will work on the school creative magazine. One semester. One-half credit.

DEBATE 1 1011

Grade Level: 9, 10, 11, 12

(First Semester Only)

In this course students will develop skills in systematic and logical habits of thinking, practice in preparing briefs, using research techniques, argumentative speaking, and refutation. First-year debate students will participate in tournaments (held on Saturdays) and must meet KSHSAA grades and eligibility requirements. Students should be highly motivated. Students must meet at least a proficient standard in reading. One semester. One-half credit.

DEBATE 2 1020

Prerequisite: Debate 1, Teacher Approval

Grade Level: 10, 11, 12

(First Semester Only)

In this course students will continue to develop skills in systematic and logical habits of thinking, practice in preparing briefs, using research techniques, argumentative speaking, and refutation through frequent classroom speeches and debates. Debate 2 students will participate in interscholastic competition (Fridays and Saturdays) as experienced

debaters and must meet KSHSAA grades and eligibility requirements. One semester. One-half credit.

DEBATE 3 1030

Prerequisite: Debate 1, 2, and Teacher Approval

Grade level: 11, 12

(First Semester Only)

In this course students will develop advanced skills in systematic and logical habits of thinking, practice in preparing briefs, using research techniques, argumentative speaking, and refutation through frequent classroom speeches and debates. Debate 3 students will participate in interscholastic competition (Fridays and Saturdays) as experienced debaters and must meet KSHSAA grades and eligibility requirements. One semester. One-half credit.

DEBATE 4 1031

Prerequisite: Debate 1,2,3 and Teacher Approval

Grade Level: 12

(First Semester Only)

In this course students will continue to develop and refine advanced skills in systematic and logical habits of thinking, researching, and argumentative speaking and refutation through extensive competition both in the classroom and at tournament competition. Original research and advanced analytical thinking will be stressed at the Debate 4 level. Students will participate in interscholastic competition (Fridays and Saturdays) as experienced debaters and must meet KSHSAA grades and eligibility requirements. One semester. One-half credit.

DRAMATICS 1 1111-1112

Grade Level: 9, 10, 11, 12

In this course students will study the broad areas of acting, stagecraft, theatrical history, stage movement, costumes, make-up, lighting, play form, and pantomime. Students will see full-length plays as well as read and discuss contemporary drama. Students will learn how to criticize and evaluate a play, a movie, or a television play. Students will study, learn, and use safety rules and practices in theatre productions. Two semesters. One credit.

This class may count towards 1.0 Fine Arts Credit required for graduation.

DRAMATICS 2 1121-1122

Prerequisite: Dramatics 1 and teacher approval

Grade Level: 10, 11, 12

In this course students will study acting techniques through sensory recall, emotional recall, concentration, vocal techniques, organizing a role, memorizing, improvising, voice and diction, and stage movement. Students will perform monologues, duets, one-act plays, as well as three-act plays and musicals. Students will study, learn, and use safety rules and practices in theatre productions. Two semesters. One credit.

This class may count towards 1.0 Fine Arts Credit required for graduation.

DRAMATICS 3 1131-1132

Prerequisite: Dramatics 1 and 2 and teacher approval

Grade Level: 11, 12

In this course students will develop the art of performing on stage, film, or television. Students will perform styles and periods of dramatic forms, and all students will be required to prepare one or more of the drama events. Students will study, learn, and use safety

rules and practices in theatre productions. Two semesters. One credit.
This class may count towards 1.0 Fine Arts Credit required for graduation.

DRAMATICS 4 1141-1142

Prerequisite: Dramatics 1, 2, and 3 and teacher approval

Grade Level: 12

In this course, students will develop skills in stage directing, play writing, or producing videotapes or films. Special projects will require students to write, direct, and perform their own scripts, and students will evaluate their work recorded on videotape or film. Students will study, learn, and use safety rules and practices in theatre productions. Two semesters. One credit

This class may count towards 1.0 Fine Arts Credit required for graduation.

FILM STUDIES 1 (8087-8088)

FILM STUDIES 2 (8091-8092)

FILM STUDIES 3 (80910-80920)

Prerequisite: Drama 1, Pre-IB Art, Intro to Art, &/or teacher approval

Grade Level: 10-12

Students will approach film in three ways: 1. How films are created: from scriptwriting to acting for the camera, to post-production, including detailed studies of film sequences. 2. Film theory and history: a study of the great films and film makers from the last hundred years, including those from other countries or film-making traditions. 3. Film production: from production companies formed within the class students will produce original short films. Two semesters. One credit

AP ENGLISH 1201-1202

Prerequisite: English 1, 2, 3

Grade Level: 12

In this course students will study college-level materials in language, literature, and composition. The content of this course, examinations, and writings will follow the guidelines of the Advanced Placement Program. Two semesters. One credit. Students who enroll in this course are required to take the AP exam in the Spring. Advanced Placement test fee required.

ENGLISH COMPOSITION 1150

Prerequisite: English 1, 2, and 3 and teacher approval

Grade Level: 12

In this course emphasis is placed on development of skills in writing, and improvement in sentence structure, in word choice, and in overcoming individual writing difficulties. The course will be taught using the composing process and students will prewrite, write, and rewrite. Students will write seven major papers. One semester. One-half credit.

ENGLISH 1 1211-1212

Grade Level: 9

In this course students will develop their understanding and use of writing, reading, oral language and literature. Students will write summaries, exposition, and personal narratives; will apply reading strategies while reading world literature; will develop a mini-research project and will develop speaking/listening skills. Two semesters. One credit.

ENGLISH 1 HONORS 1213-1214

Grade Level: 9

Building on the English 1 curriculum, students will extend their use of language and literature by covering additional pieces of literature in depth and doing independent reading. Along with literature studies which require above-average reading skills, considerable attention will be given to studying grammar and usage, writing multi-paragraph essays, building

vocabulary, and developing presentation skills. **An additional vocabulary book purchase is required by the student for this course.** Two semesters. One credit.

ENGLISH 2 1221-1222

Prerequisite: English 1

Grade Level: 10

In this course students will expand their understanding and use of writing, reading, oral language and literature. Students will write summaries and expository essays; will apply reading strategies while reading early American literature; will produce a mini-research paper on a possible career and will continue to develop speaking and listening skills. Two semesters. One credit.

ENGLISH 2 HONORS 1223-1224

Prerequisite: English 1

Grade Level: 10

Building on the English 2 curriculum, students will extend their use of language and literature by covering additional pieces of literature in depth and doing independent reading. Along with literature studies which require above-average reading skills, considerable attention will be given to studying grammar and usage, writing multi-paragraph essays, building vocabulary, and developing presentation skills. **An additional vocabulary book purchase is required by the student for this course.** Two semesters. One credit.

ENGLISH 3 1231-1232

Prerequisite: English 1 and 2

Grade Level: 11

In this course students will develop greater sophistication in their understanding and use of writing, reading, oral language and literature. Students will write a literary analysis, a persuasive paper, a timed in-class paper, and a research paper; will read modern American literature and will refine speaking and listening skills through oral presentations. Two semesters. One credit.

ENGLISH 3 HONORS 1233-1234

Prerequisite: English 1 and 2

Grade Level: 11

Building on the English 3 curriculum, students will extend their use of language and literature by covering additional pieces of literature in depth and doing independent reading. Along with literature studies which require above-average reading skills, considerable attention will be given to studying sentence structure, word choice, writing multi-paragraph essays, building vocabulary, and developing presentation skills. Two semesters. One credit.

FORENSICS 1 1251

Grade Level: 9, 10, 11, 12

(Second Semester Only)

In this course students will learn fundamentals of competitive speaking in oration, dramatics, duet, oral interpretation, and informative and extemporaneous speaking. Students will participate in tournaments (held on Saturdays) and must meet KSHSAA grades and eligibility requirements. One semester. One-half credit.

This class may count towards 1.0 Fine Arts Credit required for graduation.

FORENSICS 2 1252

Prerequisite: Forensics 1 and Teacher Approval

Grade Level: 10, 11, 12

(Second Semester Only)

This course emphasizes advanced competitive speaking in oration, dramatics, duet, oral interpretation, and informative and extemporaneous speaking. Students will participate in interscholastic competition (Saturdays) and must meet KSHSAA grades and eligibility requirements. One semester. One-half credit.

This class may count towards 1.0 Fine Arts Credit required for graduation.

FORENSICS 3 1253

Prerequisite: Forensics 1, 2, and Teacher Approval

Grade Level: 11, 12

(Second Semester Only)

This course emphasizes advanced competitive speaking in oration, dramatics, duets, oral interpretation, and informative and extemporaneous speaking. Students will participate in interscholastic competition (Saturdays) and must meet KSHSAA grades and eligibility requirements. One semester. One-half credit.

This class may count towards 1.0 Fine Arts Credit required for graduation.

FORENSICS 4 1254

Prerequisite: Forensics 1, 2, 3 and Teacher Approval

Grade Level 12

(Second Semester Only)

This course continues to emphasize advanced competitive speaking in oration, dramatics, duets, oral interpretation, and informative and extemporaneous speaking. Students will participate in interscholastic competition (Saturdays) and must meet KSHSAA grades and eligibility requirements. One semester. One-half credit.

This class may count towards 1.0 Fine Arts Credit required for graduation.

PRINT MEDIA: NEWSPAPER 1 7106-7107

Grade Level: 9, 10, 11, 12 & previous year's English grades of A or B

In this course students are introduced to writing, editing, and publishing the school newspaper and other publications. Students will write news, features, editorials, columns, and sports; design and then sell advertising; and use desktop publishing and digitized photography. Two semesters. One credit.

PRINT MEDIA: NEWSPAPER 2 7108-7109

Prerequisite: Print Media: Newspaper 1 & Teacher Approval

Grade Level: 10, 11, 12

In this course students continue the work begun in Newspaper 1 with additional emphasis on and responsibility for the production of the school newspaper. Students will meet deadlines, edit, write, and work cooperatively with other students. Ad sales and work nights are required. Two semesters. One credit.

PRINT MEDIA: NEWSPAPER 3 7113-7114

Prerequisite: Print Media: Newspaper 2 & Teacher Approval

Grade Level: 11, 12

In this course students continue the work begun in Newspaper and 2 with additional emphasis on responsibility for leadership and production of the school newspaper. Students will plan each issue, meet deadlines, edit, write, and work cooperatively with other students. Ad sales and work nights are required. Two semesters. One credit.

PRINT MEDIA: NEWSPAPER 4 7115-7116

Prerequisite: Print Media: Newspaper 3 & Teacher Approval

Grade Level: 12

In this course, students continue the work begun in Newspaper 1, 2, and 3 with additional emphasis on responsibility for production of the school

newspaper. Students will lead planning sessions, meet deadlines, edit, write, and work cooperatively with other students in positions of leadership. They will also be responsible for special projects and will be expected to show leadership in helping younger staff members. Ad sales and work nights are required. Two semesters. One credit.

MODERN LITERATURE 1530

Prerequisite: English 1, 2, and 3 and teacher approval
Grade Level: 12

In this course students will read, discuss, and write about contemporary literature with an emphasis on analysis and appreciation of literature. One semester. One-half credit.

SPEECH 1 1731

Grade Level: 9, 10, 11, 12

In this course students learn the fundamentals of public speaking, including communication theory, informative speaking, persuasive speaking, and delivery. Speaking before real and assumed audiences is stressed. Concurrent enrollment for WSU credit is available (student must pay WSU tuition and book fees). One semester. One-half credit.

WORLD LITERATURE 1520

Prerequisite: English 1, 2, and 3 and teacher approval
Grade Level: 12

In this course students will read, discuss, and write about literature selected from around the world, including contemporary and classical writings. Emphasis will be placed on appreciation and analysis of literature with writing activities designed for response to and analysis of the readings. One semester. One-half credit.

PRINT MEDIA: YEARBOOK 1 7192-7193

Grade Level 9, 10, 11, 12 & previous year's English grades of A or B
This course consists of instruction on how to produce the yearbook. Students learn to research and write yearbook copy and to use desktop publishing and digitized photography, however, they will not be involved with the production of the yearbook. They will also learn the yearbook production process. Two semesters. One credit.

PRINT MEDIA: YEARBOOK 2 7194-7195

Prerequisite: Print Media: Yearbook 1 & Teacher Approval
Grade Level: 10, 11, 12

Yearbook 2 consists of staff work on the yearbook with responsibilities of editorship, business management, photography, writing, and design. Students must complete assigned work to receive credit. Two semesters. One credit.

PRINT MEDIA: YEARBOOK 3 7196-7197

Prerequisite: Print Media: Yearbook 2 & Teacher Approval
Grade Level: 11, 12

In this course students continue the work begun in Yearbook 1 and 2 with additional responsibilities for leadership as they assist other staff members in meeting deadlines, editing, writing, and working cooperatively toward yearbook production. Students must complete assigned work to receive credit. Two semesters. One credit.

PRINT MEDIA: YEARBOOK 4 7198-7199

Prerequisite: Print Media: Yearbook 3 & Teacher Approval
Grade Level: 12

In this course students continue the work begun in Yearbook 1, 2, and 3 with additional responsibilities for leadership as they assist other staff members in meeting deadlines, editing, writing, and working cooperatively toward yearbook production. Students must complete assigned work to receive credit. Two semesters. One credit.

PRINT MEDIA: LAB 7188-7189

Prerequisite: Print Media Courses Levels 2, 3, 4 & teacher approval
Grade Level: 10-12

In this course it serves as a workshop hour for students holding staff or editorial positions. Students will be involved in activities of writing copy, laying out pages, editing proofs, taking pictures and carrying the publication through the production stage. In addition students will investigate changes in the process and be responsible for experimental work. Experience students will supervise the work of beginning students. Two semesters. One credit.

FAMILY & CONSUMER SCIENCE

CHILD CARE SERVICES 7671-7672

Prerequisite: Parenting/Child Development or World of Children
Co-requisite: Child Care Services Laboratory
Grade Level: 11, 12

Students plan a preschool curriculum in the classroom and teach that to preschoolers enrolled in the Child Development Center. Students receive instruction and guidance in organizing art, storytelling, music, nutrition, and play. During the course, students will complete child care licensing requirements. Students must be concurrently enrolled in Child Care Services Laboratory (course number 7673-7674). Two semesters. One Credit.

CHILD CARE SERVICES LABORATORY 7673-7674

Co-requisite: Child Care Services
Grade Level: 11, 12

Students work as aides/caregivers in assisting activities of children in the Child Development Center. Students must be enrolled concurrently in Child Care Services. Two semesters. One credit.

CHILD DEVELOPMENT CENTER LAB EXPERIENCE 7606-7607

Prerequisite: Teacher Approval
Grade Level: 11, 12

Students work as aides/caregivers in the on-site Child Development Center. The student will complete independent study units on child care under the supervision of the Family and Consumer Sciences teacher. The student must be 16 years of age and complete child care licensing requirements, with instructor approval. One or two semesters. One-half or one credit.

APPAREL CONSTRUCTION 1 7641

Grade Level: 9, 10, 11, 12

Students will learn basic clothing construction techniques applied to the use of patterns or to the purchase of clothing by the consumer. Students will learn about the use and care of sewing machines and other small equipment for clothing production and maintenance. There will be a fee for supplies used in class. Small sewing equipment for the class is required. One semester. One-half credit.

APPAREL CONSTRUCTION 2 7642

Prerequisite: Apparel Construction 1
Grade Level: 9, 10, 11, 12

Students will extend skills learned in Apparel Construction 1 to include designing, planning and sewing a quilt top. Other projects will be a choice that includes learning new construction techniques. Students will study cost, care and performance factors of natural and synthetic fibers. Students may be exposed to new technologies in the sewing industry by learning to use and operate sergers and embroidery machines. Students will be responsible for purchase of fabrics and supplies for projects or pay a lab fee. One semester. One-half credit.

PROFESSIONAL COOKING 7742

Grade Level: 10, 11, 12
Skills for the food service industry are learned as students apply the basic concepts of science and relate principles of chemistry to practical food production experiences. Commercial food production procedures are developed. Physical science is applied through the safe operation of food equipment and utensils. Students will receive food handler's card. One semester. One-half credit.

CULINARY CAREERS 7757

Grade Level: 10, 11, 12
Students will learn about food related careers and develop skills for entry-level employment in commercial foods. Topics covered include grooming for the job, cashiering, customer service, preparation of convenience foods and beverages, and career opportunities. The food handler's card will be earned. Job practice is provided for students in a mini-restaurant or food service marketing activity located in the school. One semester. One-half credit.

FAMILY RELATIONS 7820

Grade Level: 10, 11, 12
Students will study social, emotional, physical, and psychological growth during major life stages. Emphasis will be placed on awareness of self in relation to family and peer members. Units will include understanding stress, elements in a changing self, and examining personal decisions in areas such as drug use, AIDS/STD's, human sexuality, family life, crises, and community and personal resources. One semester. One-half credit.

FASHION MERCHANDISING 7761-7762

Grade Level: 10, 11, 12
The class provides an overview of the fashion industry. The curriculum includes merchandising, principles and elements of design, display, advertising, salesmanship, customer relations, fashion promotion, fashion history and textiles, and careers in fashion and related industries. Two semesters. One-half credit per semester. May be use for Fine Arts credit.
This class may count towards 1.0 Fine Arts Credit required for graduation.

FOOD MANAGEMENT 1 7711

Grade Level: 9, 10, 11, 12
Basic food preparation skills are applied to the planning, preparation, serving, and storing of food. Recipe interpretation, measurement techniques, kitchen equipment identification and use are learned as students prepare a variety of nutritious foods using various cooking methods. Healthy food choices and basic nutrition topics including the new food pyramid will be presented. A lab fee is required for this class. One semester. One-half credit.

FOOD MANAGEMENT 2 7712

Prerequisite: Food Management 1
Grade Level: 9, 10, 11, 12
Students will study nutrition, smart food buying, and food preparation with emphasis in meal planning. They will analyze consumer practices and nutritional patterns for informed decisions as to food selection, preparation, and service. Students will apply management principles, while observing sanitation and safety procedures. Students will practice and improve their cooking skills. A lab fee is required for this class. One semester. One-half credit.

FOOD MANAGEMENT 3 7713

Prerequisite: Food Management 2
Grade Level: 10, 11, 12
In this course, students will extend their study of food management to include a variety of factors such as health, age, social and cultural practices which influence food choices. Students will demonstrate more advanced food preparation techniques. A lab fee is required for this class. One semester. One-half credit.

FOOD SCIENCE 4601-4602

Grade Level: 10, 11, 12
Food Science students will use scientific methods to study the biological and chemical basis for food preparation, preservation, processing, and fermentation. Students develop reasoning skills through measuring, recording, and laboratory writing of short and exciting food projects. Through the study of food additives and labeling, students will be better informed consumers. Careers in food science will be investigated. This class is an applied Science course in the Family and Consumer Science foods lab by Family and Consumer Science teachers trained in food science. Students may receive credit either in Science or Family and Consumer Science. This course may count as the third science credit. Two semesters. One credit.

OFACS I 7763-7764

Co-requisite: OFACS Junior or Senior Employment
Grade Level: 11, 12
This class will focus on employability skills necessary for entering the job market such as job application and interview, work ethics and attitudes, communications skills, career exploration, computer application, money management and skills necessary for functioning as an independent adult in a working society. Leadership opportunities will be taught through participation in the FCCLA organization. Students will investigate Family and Consumer Sciences careers related to textiles, apparel and interior design, culinary arts and hospitality, education, early childhood education and human services and entrepreneurship. Students enrolled in this cooperative education program must also be enrolled in either OFACS Junior Employment or OFACS Senior Employment. There is a fee for required membership in the student organization. Two semesters. One credit.

OFACS II 7765-7766

Co-requisite: OFACS Senior Employment
Grade Level: 12
Students will study careers and learn the necessary life skills to make an informed career choice after high school, whether they choose college, technical training, or full-time employment. This course is designed to ease the transition from high school to adult life. Students will investigate Family and Consumer Sciences careers, related to textiles, apparel and interior design, culinary arts and hospitality, education, early childhood education and human services and entrepreneurship. Leadership opportunities will

be taught through participation in the FCCLA student organization. Students must also be enrolled in OFACS Senior Employment. There is a fee for required membership in the student organization. Two semesters. One credit.

OFACS JUNIOR EMPLOYMENT 7767-7768

Co-requisite: OFACS I

Grade Level: 11

Students will receive on-the-job training through paid work experiences in Family and Consumer Sciences related career clusters which include textiles, apparel and interior design, culinary arts and hospitality, education, early childhood education and human services and entrepreneurship. Students must obtain employment on their own before school starts. Jobs are selected to provide an educational career-related experience. Ten hours of employment per week are required. Job records and profiles will be completed. Two semesters. One credit.

OFACS SENIOR EMPLOYMENT 7769-7770

Co-requisite: OFACS 1 AND/OR 2

Grade Level: 12

Students will receive on-the-job training through paid work experiences in Family and Consumer Science related career clusters which include textiles, apparel and interior design, culinary arts and hospitality, education, early childhood education and human services and entrepreneurship. Students must obtain employment on their own before school starts. Jobs are selected to provide an educational career-related experience. Fifteen hours of employment per week are required. Job records and profiles will be completed. Two semesters. Two credits.

HOUSING AND INTERIOR DESIGN 7800

Grade Level: 10, 11, 12

Students will study design elements and principles as they learn about building structures and home furnishings and create projects. Housing and interior options will be compared as it relates to needs and wants of individuals and families. Emphasis is placed on creativity and consumer awareness of one's living environment. Career exploration in architecture, housing and interior design is included. Students will use computer technology to access, manage, integrate and create projects. This course may be used for Fine Arts credit. One-half credit.

This class may count towards 1.0 Fine Arts Credit required for graduation.

HOUSING AND INTERIOR DESIGN 2 7802

Prerequisite: Housing and Interior Design

Grade Level: 10, 11, 12

Students will apply elements and principles of design to plan a house and interiors. Major units of study include architectural styles, floor plans, color theory, furniture styles and construction, furniture layout traffic patterns, selection and arrangement of furniture, surface treatments and backgrounds, design and function of space and lighting, and selection of room decorations and accessories. Students learn skills in drafting and computer-aided-design. Projects emphasized throughout the course reinforce concepts and develop creativity. Included are career opportunities in architecture, housing, furnishings, and interior design. Final projects will include a Design Your Dream Home and a Client Project. This course is especially recommended for anyone interested in architecture or interior design. (Prerequisite: Housing and Interior Design 1) One-half credit.

INTRODUCTION TO FAMILY & CONSUMER SCIENCE 7620

Grade 9

Students will explore the work and family program creating a foundation for further study in family and consumer sciences subject matter. This course begins to prepare students for future roles as family members, wage earners and community leaders.

Offered second semester only. One-half credit.

NUTRITION AND WELLNESS 7823

Grade Level: 10, 11, 12

This course is designed for any student who is concerned with body image, weight control, diet, calories, exercise, body fat, and diseases related to nutrition (anorexia and bulimia). Students will develop healthy eating and fitness habits and learn how to select and prepare nutritious foods for a healthy diet. The information presented will aid students in making informed choices and behavior changes for a healthier lifestyle. One semester. One-half credit.

PARENTING/CHILD DEVELOPMENT 7600

Grade Level 10, 11, 12

Students will study human growth and development and the physical, intellectual, social and emotional development of children from conception to age three with emphasis on awareness of the special responsibilities of parenting and discipline of child rearing. Laboratory situations in which students learn to observe, record, compare, research, and discuss behavior of children in this age group will be used as a means toward understanding. One semester. One-half credit.

CONSUMER RESOURCE MANAGEMENT 7830

Grade Level: 11, 12

Students will identify and develop personal life skills necessary for learning to survive on their own. Units of study will include money management, consumer rights, auto purchases, food preparation, clothing purchases and care, housing selection, using credit, insurance, and use of leisure time. One semester. One-half credit.

WORLD OF CHILDREN 7900

Grade Level: 10, 11, 12

Students in this course will learn about the physical, intellectual, emotional, and social development of children ages three to six. Students will observe and practice lessons in art, music, storytelling, and play appropriate for preschool children. Emphasis will be placed on normal development and on assisting children in dealing with crises such as divorce or death. One semester. One-half credit.

FOREIGN LANGUAGE CREDIT

FRENCH 1 5101-5102

Grade Level: 9, 10, 11, 12

This course is designed as an introduction to French language and culture. It acquaints the students with listening, speaking, reading, and writing skills while looking at French culture and geographical aspects of French-speaking regions. The emphasis at this level is on listening and speaking. Workbook fees applicable. Two semesters. One credit.

FRENCH 2 5111-5112

Prerequisite: French 1 or IB (Grade 8)

Grade Level: 9, 10, 11, 12

This course is designed to continue the listening, speaking, reading, writing, and culture activities. There will be an emphasis on reading, writing, and culture. Workbook fees applicable. Two semesters. One credit.

FRENCH 3 5121-5122

Prerequisite: French 2

Grade Level: 10, 11, 12

French will be used as the language of instruction in this course. Oral communication will continue to be stressed, with more of the responsibility for class presentations resting with the students. Students will study French literature and give oral and written reports in French. Workbook fees applicable. Two semesters. One credit.

FRENCH 4 5131-5132

Prerequisite: French 3

Grade Level: 11, 12

French will be used as the language of instruction in this course. Increased proficiency in all four skills is the goal, with continued emphasis on the culture of French-speaking countries. Workbook fees applicable. Two semesters. One credit.

FRENCH 5 5161-5162

Prerequisite: French 4

Grade Level: 12

French will be used as the language of instruction in the course. Increased proficiency in all four skills is the goal, with an emphasis on research into the literature of various French-speaking countries. Workbook fees applicable. Two semesters. One credit.

SPANISH FOR NATIVES 1 5485-5486

Prerequisite: Teacher Approval

Grade Level: 9, 10, 11, 12

This class is designed for students already possessing fluent oral language but desiring to improve in their reading and writing skills in their native language. Workbook fees applicable. Two Semesters. One Credit.

SPANISH FOR NATIVES 2 5487-5488

Prerequisite: Teacher Approval

Grade Level: 9, 10, 11, 12

This course is designed to continue improving the reading and writing skills of students who have fluent oral language as native speakers. Workbook fees applicable. Two semesters. One credit.

SPANISH 1 5411-5412

Grade Level: 9, 10, 11, 12

This course is designed as an introduction to Hispanic culture and the Spanish language. It acquaints the students with listening, speaking, reading, and writing skills while looking at Hispanic culture and geographical aspects of Spanish-speaking regions. The emphasis at this level is on listening and speaking. Workbook fees applicable. Two semesters. One credit.

SPANISH 2 5421-5422

Prerequisite: Spanish 1 or IB (Grade 8)

Grade Level: 9, 10, 11, 12

This course is designed to continue the listening, speaking, reading, writing, and cultural activities. There will be an emphasis on reading, writing, and culture. Workbook fees applicable. Two semesters. One credit.

SPANISH 3 5431-5432

Prerequisite: Spanish 2

Grade Level: 10, 11, 12

Spanish will be the language of instruction in this course. Oral communication will continue to be stressed, with more of the responsibility for class presentations resting with the students. Students will study Hispanic literature and give oral and written reports in Spanish. Workbook fees applicable. Two semesters. One credit.

SPANISH 4 5441-5442

Prerequisite: Spanish 3

Grade Level: 11, 12

Spanish will be the language of instruction in this course. Increased proficiency in all four skills is the goal, with continued emphasis on the culture of Spanish-speaking countries. Workbook fees applicable. Two semesters. One credit.

SPANISH 5 5451-5452

Prerequisite: Spanish 4

Grade Level: 12

Spanish will be the language of instruction in this course. Increased proficiency in all four skills is the goal, with an emphasis on research into the literature of various Spanish-speaking countries. Workbook fees applicable. Two semesters. One credit.

MATH CREDIT

*****SEE PAGE 6 FOR MATH PLACEMENT RECOMMENDATIONS*****

ALGEBRA 1 (TIER 1) 2111-2112

Prerequisite: 1 unit of Pre-Algebra or equivalent or 1 unit of Algebra 1 with grade of F

Grade Level: 9

In this course, students will learn to communicate algebraically and to apply algebraic skills. Students will develop skills in manipulating signed numbers, graphing, working with formulas, and solving linear and quadratic equations. Two semesters. One credit.

ALGEBRA 1 (TIER 2) 2137-2138

Prerequisite: 1 unit of Pre-Algebra or equivalent or 1 unit of Algebra 1 with grade of F

Grade Level: 9

In this course, students will learn to communicate algebraically and to apply algebraic skills. Students will develop skills in manipulating signed numbers, g, working with formulas, and solving linear and quadratic equations. Two semesters. One credit.

Students will also be concurrently enrolled in math lab for elective credit.

GEOMETRY (TIER 1) 2421-2422

Prerequisite: 1 unit of Algebra 1 with grade of A or B

Grade Level: 9, 10, 11, 12

In this course, students will study properties of plane and solid figures. Emphasis will be upon obtaining information about geometric figures, developing logical thinking by means of proof, thinking in three-dimensional terms and developing an appreciation of the applications of geometry in the modern world. Two semesters. One credit.

GEOMETRY (TIER 2) 2419-2420

Prerequisite: 1 unit of Algebra 1 with grade of C or D or a grade of F in Geometry.

Grade Level: 9, 10, 11, 12

In this course, students will learn the same concepts as in Geometry but from an informal framework. A practical, intuitive, manipulative approach will be used. Students with credit in Geometry (Tier 1) may not enroll in this course. Two semesters. One credit

INTERMEDIATE ALGEBRA 2143-2144

Prerequisite: 1 unit of Algebra 1 with grade C or D and 1 unit of Geometry.

Grade Level: 10, 11, 12

The focus of this course is to solidify skills learned in Algebra 1 so that students may be successful in Algebra 2. Students who receive a D or F in Algebra 2 may also enroll in this course. One credit.

ALGEBRA 2 2121-2122

Prerequisite: 1 unit of Geometry with a grade of A, B, or C OR Intermediate Algebra with grade of A, B, or C. (Repeating this course for no credit is strongly recommended if you make a C or D and intend to go on to PreCalculus).

Grade Level: 9, 10, 11, 12

In this course, students will continue to study concepts introduced in Algebra 1 and Geometry. Students will also study applications of these concepts: variation, progressions, polynomial functions, logarithms, complex numbers and matrix algebra. Two semesters. One credit.

COLLEGE ALGEBRA PREPARATION 2021-2022

Prerequisite: 1 unit of Algebra 2 with grade of C or Precalculus with grade of C or D

Grade Level: 11-12 or teacher recommendation

In this course, students will solidify concepts from Algebra 2, while focusing on preparation for College Algebra. Two semesters, one credit.

PRECALCULUS/TRIGONOMETRY 2151-2152

Prerequisite: 1 unit of Algebra 2 or College Algebra Preparation with grade of A, B (Repeating this course for no credit is strongly recommended if you make a C or below and intend to go on to Calculus).

Grade Level: 10, 11, 12

In this course, students will extend the concepts of Algebra 2 to include theories of functions, exponential and logarithmic functions, systems of equations, matrices, trigonometric equations, and trigonometric applications. Two semesters. One credit.

A P STATISTICS 2238-2239

Prerequisite: 1 unit of Algebra 2

Grade Level: 11, 12

Students in this course will study methods of gathering and interpreting data. Applications of statistics to business, social sciences, games and health will be explored. Emphasis will be on student research. Mathematics skills will be reinforced and tools of technology will be used in analysis of data, probability, simulation, and statistical inference. Two semesters. One credit. Students who enroll in this course are required to take the AP exam in the Spring. Advanced Placement test fee required.

A P CALCULUS 2248-2249

Prerequisite: 1 unit of Precalculus/Trigonometry

Grade Level: 11, 12

In this course, students will study university-level topics of limits, as well as differentiation and integration of algebraic, trigonometric, exponential and logarithmic functions as well as application of these. The course content and examination will follow the guidelines of the College Entrance Examination Board and the Advanced Placement program. Two semesters. One credit. Students who enroll in this course are required to take the AP exam in the Spring. Advanced Placement test fee required.

MUSIC CREDIT**BAND 2 8511-8512**

Grade Level: 9, 10, 11, 12

8511 is a prerequisite for 8512 annually. This course is designed for students who are continuing to develop instrumental skills. Placement is at the discretion of the director. Criteria for entrance will include prior instrumental experience, ability, aptitude, interest and desire. Students will study the development of tone and technique in order to enhance their personal performance skills and the performance of the ensemble.

Understanding the basic elements of music will be stressed in this class. A standard instrumental text will be utilized as well as appropriate band literature, listening assignments and readings. Performing experiences will include concerts, some marching, festivals, and can include solos and ensembles. Most of these performances are mandatory. Some activities may take place on Saturday. Students will provide some items of clothing for performances and will be provided some items at some cost to the student. (This course may be repeated for credit.) Two semesters. One credit.

This class may count towards 1.0 Fine Arts Credit required for graduation.

BAND 3 8506-8507

Grade Level: 10, 11, 12

8506 is a prerequisite for 8507 annually. This course is for experienced instrumentalists. Placement is at the discretion of the director. Criteria for entrance will include prior instrumental experience, ability, aptitude, interest, and desire. Students will study band literature, individual and ensemble skills, music fundamentals, history and theory. A standard instrumental text will be utilized as well as listening assignments and readings. Performing experiences will include concerts, marching, festivals, and can include solos, and ensembles. Most of these performances are mandatory. Some activities may take place on Saturday. Students will provide some items of clothing for performances and will be provided some items at some cost to the student. (This course may be repeated for credit.) Two semesters. One credit.

This class may count towards 1.0 Fine Arts Credit required for graduation.

CONCERT CHOIR 8549-8550

Grade Level: 10, 11, 12

This course is for experienced vocalists. Placement is by audition or at the discretion of the director. Criteria for entrance will include prior vocal experience, ability and/or interest, and vocal quality. Students will study the broad range of choral repertoire, vocal performance skills, music history. Performing experiences will include concerts, assemblies, festivals, musicals and solos/ensembles, some of which are mandatory. A special outfit may be required at the discretion of the director. (This course may be repeated for credit.) Two semesters. One credit.

This class may count towards 1.0 Fine Arts Credit required for graduation.

MADRIGAL SINGERS 8594-8595

Grade Level: 10, 11, 12

Placement is by audition only. Enrollment is normally limited to 30 or fewer students at the discretion of the director. Students must possess exceptional vocal qualifications, including superior vocal quality, musicianship, balance and blend. Students will study a wide range of musical literature and types. Some choreography is included. A demanding performance schedule is maintained and student participation in performances is mandatory. A special outfit may be required at the discretion of the director. (This course may be repeated for credit.) Two semesters. One credit.

This class may count towards 1.0 Fine Arts Credit required for graduation.

MEN'S CHORUS 8556-8557

Grade Level: 9, 10, 11, 12

Placement in this chorus is at the discretion of the director. Criteria for entrance will include student ability, interest and enthusiasm. Prior vocal experience is not required. Students will study vocal techniques, a wide range of repertoire, and improvement of individual vocal skills. (This course may be repeated for credit.) Two semesters. One credit.

This class may count towards 1.0 Fine Arts Credit required for graduation.

ORCHESTRA 2 8731-8732

Grade Level: 9, 10, 11, 12

8731 is a prerequisite for 8732 annually. This course is designed for students who are continuing to develop instrumental skills.

Placement is at the discretion of the director. Criteria for entrance will include prior instrumental experience, ability, aptitude, interest and desire. Student will study the development of tone and technique in order to enhance their personal performance skills and the performance of the ensemble. Understanding the basic elements of music will be stressed in this class. A standard instrumental text will be required. Performing experiences will include concerts, festivals, solos and ensembles. Many of these performances are mandatory. Some items of clothing for performances will be provided by the student. (This course may be repeated for credit.) Two semesters. One credit.

This class may count towards 1.0 Fine Arts Credit required for graduation.

ORCHESTRA 3 8721-8722

Grade Level: 10, 11, 12

8721 is a prerequisite for 8722 annually. This course is for more experienced instrumentalists. Placement is by audition only and limited to 56 players. Students will study string literature, individual and ensemble skills, historical and compositional information and theory. Performing experiences will include concerts, festivals, solos and ensembles. Many of these performances are mandatory. Some items of clothing for performances will be provided by the student. Some Monday evening rehearsals are required. (This course may be repeated for credit.) Two semesters. One credit.

This class may count towards 1.0 Fine Arts Credit required for graduation.

PIANO KEYBOARD 8623

Grade Level: 10, 11, 12

Beginning instruction for piano is offered in a class setting with emphasis on the development of music reading skills. Study will

include elementary music theory, the elements of basic keyboard technique and beginning repertoire. Students must provide headphones at their expense, and be self-motivated to work independently. (This course may be repeated for credit.) One semester. One-half credit.

This class may count towards 1.0 Fine Arts Credit required for graduation.

STAGE BAND (JAZZ) 8606-8607

Grade Level: 9, 10, 11, 12

Enrollment in Band 2 or 3 is a prerequisite for wind players. Placement is by audition and at the discretion of the director. Students must have director's approval to enroll in this class. Students will study a wide range of jazz styles through performing, improvising, listening and readings. Theory is also emphasized in this class. Students may be required to purchase a text for this class. Mandatory performances such as concerts and festivals are a part of this class. Some may be on a Saturday. Some items of clothing for performances may be required at some cost from students. (This course may be repeated for credit.) You need teacher approval to take this class. Two semesters. One credit.

This class may count towards 1.0 Fine Arts Credit required for graduation.

WOMEN'S CHORUS 8561-8562

Grade Level: 9, 10, 11, 12

Placement in this chorus is at the discretion of the director. Criteria for entrance will include student ability, interest and enthusiasm. Prior vocal experience is not required. Students will study vocal techniques, a wide range of repertoire, and improvement of individual vocal skills. (This course may be repeated for credit.) Two semesters. One credit.

This class may count towards 1.0 Fine Arts Credit required for graduation.

WOMEN'S ENSEMBLE 8584-8585

Grade Level: 10, 11, 12

Placement in this chorus is by audition or at the discretion of the director. Repertoire for this ensemble is primarily written for the female voice, although students may be added to other ensembles where needed. Criteria for entrance will include student ability, interest and enthusiasm. Prior vocal experience is not required. Students will study vocal techniques, a wide range of repertoire, and the improvement of individual vocal skills. Performance experiences will include concerts, musicals, solos and ensembles, some of which are mandatory. A special outfit may be required at the discretion of the director. (This course may be repeated for credit.) Two semesters. One credit.

This class may count towards 1.0 Fine Arts Credit required for graduation.

PHYSICAL EDUCATION CREDIT

PHYSICAL EDUCATION FOUNDATIONS 9211-9212

Grade Level: 9

This course provides opportunities for students to acquire the knowledge and skills to engage in a physically active, healthy lifestyle throughout life. Three areas of focus in the course are: 1) health-related fitness, 2) lifetime physical activity, and 3) health/wellness concepts and skills. The intended outcomes of the course are that students will be able to: a) assess and interpret personal health/fitness status, b) design, implement, and evaluate a personal health/fitness plan for developing and maintaining a physically active, healthy lifestyle, c) analyze current health/fitness issues impacting youth and adults, d) demonstrate effective use of personal and social skills to enhance health/fitness behavior, and e) utilize a variety of physical activities to engage in a healthy lifestyle. Two semesters. One credit.

AEROBICS AND FITNESS 9203-9204

An elective activity class in which the emphasis is on physical conditioning. The exercises may include aerobic dance, jazz exercise, flexibility, jog/walking, fitness measurement, and weight training as per class decision. (This course may be repeated for credit.) Two semesters. One credit.

LIFETIME SPORTS 9207-9208

In this course, students will actively participate in, skill development, leadup games and lifetime sports with an emphasis on individual and dual activities. May include any of the following activities as per class decision: Aerial Tennis, Aerobics, Archery, Badminton, Bowling, Fencing, Frisbee, Golf, Handball, Jogging, Racquetball, Shuffleboard, Softball, Swimming, Table Tennis, Tennis, Volleyball, Weight Training. (This course may be repeated for credit.) Two semesters. One credit.

TEAM SPORTS 9209-9210

Grade Level: 10, 11, 12

In this course students will actively participate in skill development, lead-up activities and games and team sports which may include: Basketball, Field Hockey, Flag Football, Soccer, Softball, Speedball, Team Frisbee, Team Handball, and Volleyball. (This course may be repeated for credit.) Two semesters. One credit.

WEIGHT TRAINING AND CONDITIONING FOR MEN 9213-9214

Grade Level: 10, 11, 12

This course will include basic training techniques and identification of apparatus and major and secondary muscle groups. Students will obtain an understanding of different training strategies/techniques and be able to set up an individual program. Students will study, learn, and use spotting techniques and other safety procedures used in the weight room and/or in any other physical activities. (This course may be repeated for credit.) Two semesters. One credit.

WEIGHT TRAINING AND CONDITIONING FOR WOMEN 9213-9214

Grade Level: 10, 11, 12

This course will include basic training techniques and identification of apparatus and major and secondary muscle groups. Students will obtain an understanding of different training strategies/techniques and be able to set up an individual program. Students will study, learn, and use spotting techniques and other safety procedures used in the weight room and/or in any other physical activities. (This course may be repeated for credit.) Two semesters. One credit.

SCIENCE CREDIT

Life Sciences

BIOLOGY 1 4251-4252

Grade Level: 9, 10, 11

Students in this traditional course will study plant life, animal life, and human anatomy through the topics of characteristics of life, cell biology, heredity, natural selection, populations and habitats, classification, and human biology. Students will learn to use microscopes. An emphasis upon the appreciation of interdependence between all life forms within an environment will be a unifying theme through the year. Two Semesters. One Credit.

BIOLOGY HONORS 4253-4254

Prerequisite: Teacher Recommendation

Grade Level: 9, 10

This course is designed for students who prefer a more rigorous presentation of Biology I. Students who enroll should be self-motivated, task-oriented, and persistent. Students will be expected to perform in the laboratory with a high level of accuracy and should be able to assist in the design of experiments. Characteristics of life, cell biology, heredity, natural selection, ecology, classification and human biology will be studied with an emphasis upon appreciation of the interdependence between all life forms within an environment. Two semesters. One Credit.

ADVANCED PLACEMENT BIOLOGY 4248-4249

Prerequisite: Honors Biology and Chemistry **OR** concurrent Chemistry

Grade Level: 11, 12

This course is equivalent to the first-year college biology course. The content of the course and examinations will follow the guidelines of the College Entrance Examination Board and the Advanced Placement Biology Program. This is a two-period course. Two semesters. Two Credits. Students who enroll in this course are required to take the AP exam in the spring. Advanced Placement test fee required.

FIELD ECOLOGY 4961-4962

Prerequisite: Biology and Teacher approval.

Grade Level: 11, 12

This course is designed to give students the ability to identify and study organisms in their natural environments. Students will conduct individual and group investigations in Entomology (insects), Ornithology (birds), Water Studies, Behavioral Biology, and Ecology. Special emphasis will be placed on Kansas Ecosystems and students should be prepared to take field trips to gather data at local study sites. Collections and/or summary papers are required for all topics. Students need to be self-motivated and organized because several topics and projects will be studied at the same time. Two Semesters. One credit.

ANATOMY AND PHYSIOLOGY 4821-4822

Prerequisite: Biology with C or better (recommend teacher approval)

Grade Level: 11, 12

In this course, students will study the structure and functions of human body systems. Students will study body structure through dissection and with microscopes. Also contained in the course will be such related topics as health, disease and disease prevention. Two semesters. One credit.

ZOOLOGY 4951-4952

Prerequisite: Biology with C or better (recommend teacher approval)

Grade Level 11, 12

In this course, students make comparative studies of animals. Interrelationships between animals, and between animals and humans, will receive emphasis. Examples of animal history and distribution will be reviewed; the economic impact of specific animals will be investigated. Lab work will include a number of dissections. Two semesters. One credit.

Physical Sciences

EARTH SCIENCE 4351-4352

Grade Level: 9, 10

Students in this laboratory-oriented survey course study selected topics from the sciences of astronomy, geology, meteorology, and oceanography. Students will work with materials gained through recent exploration, discovery, and theory. Two semesters. One credit.

APPLICATIONS IN CHEMISTRY 4317-4318

Prerequisite: Algebra 1 and Biology

Grade level: 10, 11, 12

This class has a high emphasis on practical lab work to learn concepts and discover relationships among chemicals. Chemical reactions and applications of chemistry outside the lab are emphasized. This course is most appropriate for students who have not already taken Chemistry I and who are currently enrolled in Algebra I. It is an excellent choice for students who may be planning to enter a trade school, go to a junior college, or start a career immediately following high school. This course is NOT open to students with Chemistry 1 credit. Two semesters. One credit.

ADVANCED PLACEMENT CHEMISTRY 4331-4332

Prerequisite: Algebra 2 and Chemistry 1

Grade level: 11, 12

This course is equivalent to the first-year college chemistry course. The content of the course and examinations will follow the guidelines of the College Entrance Examination Board and the Advanced Placement Chemistry Program. This is a two-period course. Two Semesters. Two Credits. Students who enroll in this course are required to take the AP exam in the Spring. Advanced Placement test fee required.

CHEMISTRY 1 4321-4322

Prerequisite: Algebra 1 and concurrent enrollment in Algebra 2

Grade Level: 10, 11, 12

Students in this course study about the periodic table, problem solving, atomic structure, nomenclature, chemical reactions, chemical calculations, phase changes, behavior of gases, and bonding. Recommended for college-bound students. Two semesters. One credit.

PHYSICS 4801-4802

Prerequisite: Algebra 2 and/or concurrent enrollment in Trigonometry

Grade Level: 11, 12

In this course, students learn to identify physical laws and their actions. Included will be studies of mechanics, heat, thermodynamics, wave motion, light, optics, electricity, and magnetism. The trigonometric functions of sine, cosine, and tangent are developed in the course to solve physics problems. Recommended for college-bound students. Two semesters. One credit.

SOCIAL STUDIES CREDIT**INTERNATIONAL RELATIONS 3600**

Grade Level: 11, 12

Students in this course will study issues of international concern with an emphasis on the posture of the United States in the world community. Students will analyze current forces and trends which contribute to the climate of international politics. This course will satisfy the World Studies requirement. One semester. One-half credit.

PSYCHOLOGY 3700

Grade Level: 11, 12

In this course, students will study the mind, consciousness, and behavior. Students will learn and apply basic theories of psychology, study the nervous system, psychology, perception, and

personality. Emphasis will be placed on the importance of the experimental method in relation to the study of psychology. Students will write and perform approved experiments in social perception. One semester. One-half credit.

SOCIOLOGY 3800

Grade Level: 11, 12

In this course, students will study the forms, functions and institutions of human groups. Special emphasis will be placed on the studies of family relationships, and of contributory factors of improving relationships between individuals and groups. One semester. One-half credit.

UNITED STATES GOVERNMENT 3350

Grade Level: 12

Students in this required course will study local, state, and federal levels of the American political system. One semester. One-half credit.

A P US GOVERNMENT 3353

Grade Level: 12

The content of this course will be the same as United States Government. The range of resources will be expanded to accommodate higher levels of instruction such as would be encountered in an entry-level college course. The content of the course and examinations will follow the guidelines of the College Entrance Examination Board and the Advanced Placement United States Government program. One semester. One-half credit. Students who enroll in this course are required to take the AP exam in the Spring. Advanced Placement test fee required.

US HISTORY 1 3361-3362

Grade Level: 10

This required course covers American history from 1900 to 1945. Emphasis is placed upon the Progressive Era, WWI, the Roaring Twenties, the Great Depression, the New Deal, and WWII. First semester will contain a U.S. Government unit. Two semesters. One credit

US HISTORY 1 HONORS 3363-3364

Grade Level: 10

This course is designed to move faster and in more depth than the regular United States History 1 class. The course will include a major writing assignment, additional readings on special topics, and assessments of various historical interpretations. The course goes beyond the scope of the objectives of the regular United States history course to include in-depth study of selected American issues. Two semesters. One credit.

UNITED STATES HISTORY 2 3641-3642

Grade Level: 11, 12

This required course is a continuation of United States History 1. The scope of study in this course begins with events after 1945 and ends with the present. Major areas of study include the Cold War, Civil Rights, the Vietnam War, the return to Conservatism, modern Foreign Policy and Terrorism, to the present. The first Nine Week period will include an Economics unit. Two semesters. One credit.

AP US HISTORY 2 3647-3648

Grade Level: 11, 12

The content of this course covers all of U.S history to prepare for the A.P. Exam. Requirements and assignments will be expanded beyond the Honors United States History course. The content of the course and examinations will follow the guidelines of the College Entrance Examination Board and the Advanced Placement United States History program. Two

semesters. One credit. Students who enroll in this course are required to take the AP exam in the Spring. Advanced Placement test fee required.

WORLD HISTORY 3451-3452

Grade Level: 9, 10, 11, 12

In this course, students will study human history from The Renaissance to the present with emphasis placed upon learning to interpret current global situations in the context of historical patterns. Students will compare and contrast cultures and religions by learning and applying the social, political, geographic, and economic tools of the historian. This course will satisfy the World Studies requirement. Two semesters. One credit.

WORLD HISTORY HONORS 3453-3454

Grade Level: 9, 10, 11, 12

This course will concentrate on the major civilizations of the world and the contributions each has made to the human condition. Students will be required to read in-depth in the subject areas and conduct inquiry investigations. Human history will be explored from the Renaissance to the present in all parts of the world. Considerable reading is required. This course will satisfy the World Studies requirement. Two semesters. One credit.

AFRICAN AMERICAN HISTORY 3621

Grade Level 9, 10, 11, 12

This course uses the historical method to highlight the important achievements of African people throughout history. The course begins with study of early civilizations and the role of African people as they contributed to societies past and present. African Humanities also allows students time to do research and projects that allow them to examine the current situation of African Americans. One semester. One-half credit.

ANTHROPOLOGY 3050

Grade Level: 11, 12

In this course, students will study the areas of human origin: Physical character; distribution, classification, and relationships of races; social and environmental elements; and culture. Students will learn to use an established method as it is used in the fields of cultural and physical anthropology. One semester. One-half credit.

AMERICAN WOMEN IN HISTORY 3903

Grade Level: 9, 10, 11, 12

American Women in History is a semester long course that will examine the role of the American woman within the context of our country's past. An emphasis will be placed on the study of private life in the US as opposed to public life. Specific issues such as health, education, religion, poverty and family life will focus our study. Additionally, "gender specific" experiences such as, women's work, the fight for suffrage, the Age of Association and the feminist movement will be of primary concern. One semester. One-half credit.

TECHNOLOGY EDUCATION **CREDIT**

ACES CONSTRUCTION CAREERS 1 6658-6659

Prerequisite: Application and Approval

Grade Level: 11

This course offers juniors the opportunity to receive school-based and community based career exploration opportunities with a hands-on approach. Students will spend approximately 2 –3 weeks learning about 13 crafts including carpentry, cement masonry, electricity, steel erection, metal building, glazing, roofing, heavy equipment, concrete finishing, form carpentry, HVAC, plumbing, and painting. This is a good introductory course for students wanting to learn an employable craft or attend college majoring in architecture, architectural engineering, other engineering fields, and construction science. Students may have the opportunity for a paid summer job in the construction industry **Lab fee required**. Two semesters. Two hours per day. Two credits.

CONSTRUCTION TECHNOLOGY 7453-7454

Prerequisite: Application and Approval

Grade Level: 10

Students will receive instruction and hands-on experience in the construction trades. Students will spend approximately 3-4 weeks on each craft and will learn skills in electricity, plumbing, masonry, carpentry, and other construction crafts. This is a good introductory course for students wanting to learn an employable craft or attend college majoring in architecture, architectural engineering, other engineering fields, and construction science. Students may have the opportunity for a paid summer job in the construction field. **Lab Fee Required.** Two semesters. One hour per day. One credit.

ACE CONSTRUCTION CAREERS 2 6656-6657

Prerequisite: Aces Construction Careers 1 or Construction Technology and Instructor Approval

Grade Level: 12

This class meets one class period per day and is designed to connect the school experience with a real work experience. Students will use the skills learned in their prerequisite classes and also use computer technology to design a building and construct a model. Classroom instruction will include OSHA certification and employment skills. **Lab Fee Required**. Two semesters. One hour per day. One credit.

ACE CONSTRUCTION CAREERS 2 EMPLOYMENT 6654-6655

Prerequisite: Ace Construction Careers 1

Co-requisite: Ace Construction Careers 2

Grade Level: 12

This is a paid employment experience for students enrolled in Ace Const. Careers 2. Students are placed in a job in the construction industry and work in the afternoons. Most students change jobs about every six weeks to experience different construction crafts. Students must work at least 15 hours per week. Two semesters. Two credits.

CONSUMER DRAFTING 7105

Grade Level: 9, 10, 11, 12

The Consumer Drafting course is for the student with no previous drafting coursework. In this course, students will learn basic drafting principles. Students will complete sketches, pictorial, three-view, sectional drawings with exploration in designing, building and have tested a structural design like a bridge. Other areas that will be covered are careers, real basic reading blueprints (mechanical and residential) and learn basic computer aided design (CAD) commands. **Lab fee required.** One semester. One-half credit.

INTRODUCTION TO TECHNOLOGY/CAD 7047-7048

Grade Level: 9, 10, 11, 12

The Introduction to Technology/CAD course is designed for the student interested in exploring accepted industrial practices used when making and

reading and working drawings (that are found in blue prints). The course covers career information, lettering, use of drafting instruments, geometric constructions, dimensioning, freehand sketching, single and multiview drawings, sectionals, working drawings and the use of CAD/D (Computer Aided Design/Drafting) software, basic employability skills, along with exposure to architecture. Each pupil will receive a minimum of forty hours of 2D CAD/D experience. This is a good course for students with an interest in engineering, architecture and any other drafting or mechanical drawing related careers. , **Lab fee required.** Two semesters. One credit.

ENGINEERING DESIGN AND CAD 7045-7046

Prerequisite: Intro to Technology/CAD or teacher approval
Grade Level: 10, 11, 12

The Engineering Design and CAD course is designed for the student interested in learning accepted Industrial practices used when making and reading engineering plans and drawings. Students will also expand on the topic's learned in the Introduction to Technology/CAD course. The course covers aspects of design, auxiliary views, pattern development, fasteners, cams, gears, intersections, revolutions, charts and graphs, exploded views, assembly and working drawings used in mechanical and engineering drawings. Each pupil will receive a minimum of sixty hours of CAD (Computer-Aided Design/Drafting) drafting experience. **Lab fee required.** Two semesters. One credit.

ARCHITECTURAL DESIGN AND CAD 7085-7086

Prerequisite: Engineering Design and CAD or teacher approval
Grade Level: 11, 12

The Architectural Design and CAD course is designed for the student interested in learning architectural design and concepts used when making and reading architectural plans and drawings, along with expanding on what they have learned in previous design courses. The course will also be working toward preparing students for advanced studies or post-high school training and/or job placement. Areas covered are surveying, mapping, descriptive geometry, solar energy designs, residential architectural drawing and designing. Each pupil will receive a minimum of eighty hours of CAD (Computer-Aided Design/Drafting) experience. **Lab fee required.** Two semesters. One credit.

ADVANCED ARCHITECTURAL DESIGN AND CAD 7087-7088

Prerequisite: Architectural Design and CAD or teacher approval
Grade Level: 12

The Advanced Architectural Design and CAD course is designed to expand on what they have learned in the Architectural Design & CAD course. The course will also be working toward preparing students for advanced studies or post high school training and /or job placement. The course covers advanced residential and commercial architectural drawing and design, along with the study of building and zoning codes. Each student will have a minimum of one-hundred hours of Computer Aided Design/Drafting experience. **Lab fee required.** Two semesters. One credit.

DRIVER EDUCATION 1 7151

Grade Level: 9, 10, 11, 12

In this course, students will learn to drive responsibly. Students will prepare for street and highway driving by studying the course materials and practice driving in a simulator and on the street. A

medical referral will be required from students who suffer from epilepsy, fainting, dizzy spells or other conditions which might make safe driving difficult. **Students enrolling in Driver Education must be at least 15 years old on or before the first day of class. No fee is refundable in Driver Education after the first day of class.** Students will study, learn, and use safety rules in all activities. **Lab fee required.** One semester. One-half credit.

GRAPHIC ARTS 1 7311-7312

Grade Level: 9, 10, 11, 12

In this course, students will learn how to use computer design programs to create different print media projects such as posters, brochures, and business cards. They will also learn about basic printing processes including lithography, screen printing, and relief printing. Students will learn and apply design elements to their projects and will be introduced to career opportunities in the printing and graphic design industry. Students will study, learn, and always follow safety rules in all activities.

Lab and project fee required. Two semesters. One credit.

This class may count towards 1.0 Fine Arts Credit required for graduation.

GRAPHIC ARTS 2 7321-7322

Prerequisite: Graphic Arts 1

Grade Level: 10, 11, 12

In this course, students will extend work begun in Graphic Arts 1 to include developing proficiency in various printing trade skills and more advanced graphic design skills. **Students will study design elements which apply to paper and ink selection and will advance in their studies of color, balance, and proportion.** Students will work with outside clients to create different print media projects and compete in various design contests.

Students will continue to build their portfolio from Graphic Art 1. Students will study, learn, and use safety rules in all activities. **Lab and project fee required.** Two semesters. One credit.

This class may count towards 1.0 Fine Arts Credit required for graduation.

VIS COMM - PHOTOGRAPHY 1 7496

Grade Level: 9, 10, 11, 12

In this course, students will learn fundamental photographic techniques. Units will include vision and light, photographic design, communicative approaches, film types and developing, enlarging, optics, instrumentation, and camera mechanics. Students will learn to use cameras and other technical equipment of the photographer. This course offers growth potential toward a vocation or any vocational pursuits. Students will study, learn, and use safety rules in all activities. Students will also need to provide basic supplies like film and photo paper. Students will study, learn, and use safety rules in all activities. **Lab fee required.** One semester.

One-half credit.

This class may count towards 1.0 Fine Arts Credit required for graduation.

VIS COMM- PHOTOGRAPHY 2 7497

Prerequisite: Vis Comm-Photography 1

Grade Level: 10, 11, 12

The student in this course will build on the basics of photography learned in Photography 1. Study will introduce the student to specialty use materials and create some special effects of photography. Controlled lighting situations will be emphasized. Also basic skills will be refined. The student will study, learn, and use safety rules in all activities. Students will also need to provide basic supplies like film and photo paper. Students will study, learn, and use safety rules in all activities. **Lab fee required.** One semester. One-half credit.

This class may count towards 1.0 Fine Arts Credit required for graduation.

VIS- COMM- PHOTOGRAPHY 3 7498

Prerequisite: Vis Comm-Photography 2

Grade Level: 11, 12

This course is established for the advanced study of photography based on the skills and content taught in Photography 1 and 2. Students will be dealing with higher thinking skills to produce creative and original communication materials. This curriculum will be closely related to high technological industry. The student will examine those industries, and he/she will formulate his/her own concept which will be vital for the year 2000 and beyond. The student's independent, learning-to-learn attitude will be stressed. Students will also need to provide basic supplies like film and photo paper. Students will study, learn, and use safety rules in all activities. **Lab fee required.** One semester. One-half credit.

This class may count towards 1.0 Fine Arts Credit required for graduation.

PRINT MEDIA: NEWSPAPER 1 7106-7107

Grade Level: 9, 10, 11, 12 & previous year's English grades of A or B

In this course students are introduced to writing, editing, and publishing the school newspaper and other publications. Students will write news, features, editorials, columns, and sports; design and then sell advertising; and use desktop publishing and digitized photography. Two semesters. One credit.

PRINT MEDIA: NEWSPAPER 2 7108-7109

Prerequisite: Print Media: Newspaper 1 & Teacher Approval

Grade Level: 10, 11, 12

In this course students continue the work begun in Newspaper 1 with additional emphasis on and responsibility for the production of the school newspaper. Students will meet deadlines, edit, write, and work cooperatively with other students. Ad sales and work nights are required. Two semesters. One credit.

PRINT MEDIA: NEWSPAPER 3 7113-7114

Prerequisite: Print Media: Newspaper 2 & Teacher Approval

Grade Level: 11, 12

In this course students continue the work begun in Newspaper 2 with additional emphasis on responsibility for leadership and production of the school newspaper. Students will plan each issue, meet deadlines, edit, write, and work cooperatively with other students. Ad sales and work nights are required. Two semesters. One credit.

PRINT MEDIA: NEWSPAPER 4 7115-7116

Prerequisite: Print Media: Newspaper 3 & Teacher Approval

Grade Level: 12

In this course, students continue the work begun in Newspaper 1, 2, and 3 with additional emphasis on responsibility for production of the school newspaper. Students will lead planning sessions, meet deadlines, edit, write, and work cooperatively with other students in positions of leadership. They will also be responsible for special projects and will be expected to show leadership in helping younger staff members. Ad sales and work nights are required. Two semesters. One credit.

PRINT MEDIA: YEARBOOK 1 7192-7193

Grade Level 9, 10, 11, 12 & previous year's English grades of A or B

This course consists of instruction on how to produce the yearbook. Students learn to research and write yearbook copy and to use desktop publishing and digitized photography, however, they will not

be involved with the production of the yearbook. They will also learn the yearbook production process. Two semesters. One credit.

PRINT MEDIA: YEARBOOK 2 7194-7195

Prerequisite: Print Media: Yearbook 1 & Teacher Approval

Grade Level: 10, 11, 12

Yearbook 2 consists of staff work on the yearbook with responsibilities of editorship, business management, photography, writing, and design. Students must complete assigned work to receive credit. Two semesters. One credit.

PRINT MEDIA: YEARBOOK 3 7196-7197

Prerequisite: Print Media: Yearbook 2 & Teacher Approval

Grade Level: 11, 12

In this course students continue the work begun in Yearbook 1 and 2 with additional responsibilities for leadership as they assist other staff members in meeting deadlines, editing, writing, and working cooperatively toward yearbook production. Students must complete assigned work to receive credit. Two semesters. One credit.

PRINT MEDIA: YEARBOOK 4 7198-7199

Prerequisite: Print Media: Yearbook 3 & Teacher Approval

Grade Level: 12

In this course students continue the work begun in Yearbook 1, 2, and 3 with additional responsibilities for leadership as they assist other staff members in meeting deadlines, editing, writing, and working cooperatively toward yearbook production. Students must complete assigned work to receive credit. Two semesters. One credit.

PRINT MEDIA: LAB 7188-7189

Prerequisite: Print Media Courses Levels 2, 3, 4 & teacher approval

Grade Level: 10-12

In this course it serves as a workshop hour for students holding staff or editorial positions. Students will be involved in activities of writing copy, laying out pages, editing proofs, taking pictures and carrying the publication through the production stage. In addition students will investigate changes in the process and be responsible for experimental work. Experience students will supervise the work of beginning students. Two semesters. One credit.

CONSORTIUM AND OTHER COURSES

EXECUTIVE HIGH SCHOOL INTERNSHIP PROGRAM 9100

Prerequisite: Teacher Approval

Grade Level: 11, 12

In this course, juniors and seniors may select a sponsor in a career field of their choice and work as an intern. Students will also participate in a seminar with the program coordinator. Students will write logs and prepare a presentation about their internship experience. Interns work in fields such as media, business law, medical, and many others. Credit is given according to the number of internship hours completed. Students must take an active role in obtaining a sponsor. One semester. One-half to three and one-half credits.

PEER LEADERSHIP SKILLS/YOUTH COURT 9115-9116

Prerequisite: Teacher Approval/application

Grade Level: 10-12

Students mentor elementary students and conduct Youth Court. Training includes the development of skills in interpersonal communication, problem-solving, conflict resolution, self-awareness, peer mediation, and

the legal process. Applications are required. This is a repeatable course. Two semesters. One credit.

TEACHER ASSISTANT 9181-9182

Prerequisite: Application and Approval.

Grade Level: 9, 10, 11, 12

Students enrolled as teacher assistants should perform work as described in a job description filed by the supervising teacher and approved by the building principal. The duties, of an educational nature, should justify the work for one period per day. (This course may be repeated for credit.) **Please note:** Only 1.0 credits of Teacher Assistant and/or Office Assistant may count toward the 22 credits required for graduation. Two semesters. One Credit

OFFICE ASSISTANT 9183-9184

Prerequisite: Application and Approval.

Grade Level 9, 10, 11, 12.

(See the description of Teacher Assistant)

STUDENT COACHING 9190-9191

Prerequisite: Application and Approval.

Grade Level 10, 11, 12

Student Coaches serve as a resource in the classroom to help students understand concepts, complete assignments, and improve learning. Some of the goals of the program include:

* Grow self-directed, self-managing, self-monitoring, and self-modifying learners.

* Increase the number of students who are learning and successful in school

* Build connections for students with other students and to school

Student coaches are selected based on completing an application with teacher references and an interview. Deadline for application is May 1.

Students selected as a student coach will be trained before coaching. Two Semesters. One Credit

JROTC CREDIT

JROTC TRAINING 1-AEROSPACE SCIENCE 1 9241-9242

Grade Level: 9, 10, 11, 12

JROTC 1 is an introductory course that encourages initiative and self confidence. Students will gain knowledge and develop skills in oral and written communication techniques, reading comprehension, leadership, physical fitness, first aid and health, map reading, and citizenship. This course develops attitudes of understanding and tolerance with a strong emphasis on developing personal responsibility and a strong sense of teamwork. Students participate in precision drill, color guards and other co-curricular activities. In addition, it is designed to give students an overview of the history of flight, the fundamentals of flight and an exposure to space exploration. Students who successfully complete this course may be eligible to participate in a summer leadership camp. Two semesters. One credit.

JROTC TRAINING 2-AEROSPACE SCIENCE 2 9243-9244

Prerequisite: JROTC 1 or JROTC 3

Grade Level: 10, 11, 12

Students will gain an understanding of the importance of career planning, goal setting, and time management. Students will practice leadership and the ability to live and work cooperatively with others through the effective understanding and application of the leadership

traits, principles, styles and values. Students demonstrate the effective understanding and application of management techniques, the planning process, and the decision-making/problem solving process. Reading, writing and math skills will be emphasized. Students assist instructors in teaching precision and ceremonial drill. The students will demonstrate knowledge of the ethical values and principles that underlie good citizenship. The course also includes a section on Global and Cultural Studies. It is a multidisciplinary course that introduces students to various regions of the world from a geographic, historical and cultural perspective. The course provides increased international awareness and insight into foreign affairs that permits a more educated understanding of other cultures and enhanced knowledge of America's interests and role in the world. Geopolitical issues such as terrorism, economics, politics, military issues, religion, environmental concerns, human rights, disease, over population, literacy, the migration of peoples and other cultural issues will be examined. The lessons include excellent videos to provide a window into life and issues within the regions, followed by a variety of hands-on activities created to engage the student. Readings are also available to set the stage for each lesson, along with workbook exercises suitable for in-class or homework assignment. 2 Semesters. One credit

JROTC TRAINING 3-AEROSPACE SCIENCE 3 9245-9246

Prerequisite: JROTC 1 or JROTC 2

Grade Level 10, 11, 12

This course exposes students to applied leadership and focuses on the effective leader. This course provides an examination of the basic theories of leadership and leader behavior. It is intended to develop the student's abilities to analyze, evaluate and solve leadership problems through simulation exercises. Emphasis is placed on developing personal accountability and a strong sense of teamwork. In addition, students also learn about the exploration of space. The course begins with the study of the solar system and progresses through the international space exploration efforts, space technology, and manned space flight. Two Semesters. One credit.

JROTC TRAINING 4-AEROSPACE SCIENCE 4 9247-9248

Prerequisite: JROTC 1, JROTC 2 or JROTC 3

Grade Level: 11, 12

In this capstone course, students will practice the principles, objectives, and techniques of leadership/management. Emphasis is on problem analysis and decision-making, delegation and control, planning and organizing, and interpersonal skills required for effective management. Students will experience the functions of leadership and the special problems of leadership. The course prepares students for responsible leadership roles while making them aware of their rights, responsibilities and privileges as American citizens. Two Semesters. One credit.

JROTC TRAINING 5-LEADERSHIP CAMP (SUMMER) 9249

Prerequisite: JROTC 1, JROTC 2 or JROTC 3

Grade Level: 9, 10, 11

A minimum 80 hour course with emphasis on teamwork and leadership techniques and application, conducted at various military installations. JROTC cadets will practice leadership in an unfamiliar environment, participate in team building exercises, experience living and interacting with their peers in a military setting, and participate in various confidence building exercises. Summer. One-half credit.