

COURSE CATALOG



COZAD HIGH SCHOOL

COZAD COMMUNITY SCHOOLS

COZAD, NEBRASKA

Course Offerings

FAMILY/CONSUMER SCIENCE COURSES

COURSE TITLE: INTRODUCTION TO FAMILY AND CONSUMER SCIENCES (INTRO FCS)

State Code: 090101

Course Code: FCS400

Grade Level: 9-12

Length: One semester (Paired with Fundamentals of Food & Nutrition)

Credit: 5 per semester

Prerequisite: None

COURSE DESCRIPTION: This introductory course is designed to welcome students to the Family and Consumer Sciences, subjects will include foods and nutrition, family planning, textiles and sewing and career planning and readiness.

COURSE TITLE: FUNDAMENTALS OF FOOD AND NUTRITION

State Code: 090107

Course Code: FCS410

Grade Level: 9-12

Length: One semester (Paired with Introduction to Family Consumer Science)

Credit: 5 per semester

Prerequisite: None

COURSE DESCRIPTION: This course is designed to provide students with the basic foundation knowledge of food selection and preparation needed to successfully fuel the human body through consumption of food and resulting food energy. With a beginning foundation of nutrition, students will learn basic preparation skills and the short-term and long-term wellness consequences as a result of nutritional intake, and exposure to careers related to the food industry

COURSE TITLE: CHILD DEVELOPMENT

State Code: 090119

Course Code: FCS730

Grade Level: 10-12

Length: One semester (Paired with Early Child Education & Services)

Credit: 5 per semester

Prerequisite: Successful completion of Introduction to FCS

COURSE DESCRIPTION: This course integrates knowledge, skills and practices necessary for nurturing the growth and development of children. The study of the physical, emotional, social, and intellectual aspects related to prenatal through age 12 will be studied in addition to the positive and negative factors that impact child growth and development.

COURSE TITLE: EARLY CHILDHOOD EDUCATION & SERVICES

State Code: 090121

Course Code: FCS830

Grade Level: 10-12

Length: One semester (Paired with Child Development)

Credit: 5 per semester

Prerequisite: Must successfully complete Child Development or administrator approval.

COURSE DESCRIPTION: In this course students will explore education and community resources available for the education and necessary services of young children. Students will be exposed to educational needs and resources as well as begin the development of lesson plans and lesson plan components for the education of young children as well as the career skills necessary for a career in early childhood education and services.

COURSE TITLE: EARLY CHILDHOOD PRACTICUM - (Not Currently Offered)

Course Code: FCS932

Grade Level: 10-12

Length: One semester

Credit: 5 per semester

Prerequisite: Must successfully complete Child Development, Early Childhood Education & Services, and have administrative approval.

COURSE DESCRIPTION: This course is designed to provide students a hands-on early childhood education experience. Course time is used as an interactive learning environment in which students are actively teaching young children. Students will compile their information toward an employment portfolio. This class will correlate with the Work Study program. Students must have good academic standing, a form of transportation to and from the site, and be accepted into the program by the current FCS teacher.

COURSE TITLE: INTRODUCTION TO DESIGN

State Code: 090126

Course Code: FCS515

Grade Level: 9-12

Length: One semester (Paired with Fashion Design)

Credit: 5 per semester

Prerequisite: Successful completion of Introduction to FCS

COURSE DESCRIPTION: Students explore the definition and application of elements and principles of design in both living spaces and clothing and textiles. In this course, students will also evaluate the use of elements and principles and suggest improvements. Students are also exposed to career opportunities and the skills necessary for these career fields.

COURSE TITLE: FASHION DESIGN

State Number: 090206

Course Code: FCS615

Grade Level: 9-12

Length: One semester (Paired with Introduction to Design)

Credit: 5 per semester

Prerequisite: Must successfully complete Intro to Design or administrator approval.

COURSE DESCRIPTION: Fashion Design explores the evolving field of the clothing we wear and why we wear it. Students will examine fashion design through historical and current frameworks, consider the process of a design from concept to consumer purchase, and identify key components of fashion pieces that distinguish it from others.

COURSE TITLE: CULINARY I (PROSTART I)

State Code: 370030

Course Code: FCS510

Grade Level: 10-12

Length: One semesters (Paired with Culinary II)

Credit: 5 per semester

Prerequisite: Successful completion of Introduction to Foods and Nutrition

COURSE DESCRIPTION: Foundations course is an industry-driven curriculum that prepares students for careers in the restaurant and foodservice management industry. This course will focus on the following topics: career paths, safety and sanitation, industry standards, food methods and techniques, food service management, and customer service, and professionalism in Culinary Arts.

COURSE TITLE: CULINARY II (PROSTART II)

State Code: 370031

Course Code: FCS520

Grade Level: 10-12

Length: One semesters (Paired with Culinary I)

Credit: 5 per semester

Prerequisite: Successful completion of Introduction to Foods and Nutrition and Culinary I

COURSE DESCRIPTION: Continuation of Culinary I focusing on foundations course is an industry-driven curriculum that prepares students for careers in the restaurant and foodservice management industry. This course will provide real-life opportunities and the application of practical skills in encompassing culinary techniques and management skills.

TECHNOLOGY AND BUSINESS COURSES

COURSE TITLE: INFORMATION TECHNOLOGY I

State Code: 270501

Course Code: BUS530

Grade Level: 9-12

Length: One semester (Paired with Information Technology II)

Credit: 5 per semester

Prerequisite: None

COURSE DESCRIPTION: Students will explore emerging technologies as it applies to success in high school, college, and career. The focus will be on the importance of digital citizenship, professional communication practices, advanced document processing, professional presentations, and intermediate spreadsheet and database applications used personally and professionally.

COURSE TITLE: INFORMATION TECHNOLOGY II

State Code: 270502

Course Code: BUS535

Grade Level: 9-12

Length: One semester (Paired with Information Technology I)

Credit: 5 per semester

Prerequisite: Information Technology I

COURSE DESCRIPTION: This course will focus on skill development in data science using words processing, spreadsheets, databases, and integration of applications utilizing advanced features. Skills, standards, and coursework align with industry certifications.

COURSE TITLE: IT FUNDAMENTALS - GRADUATION REQUIREMENT (Beginning with class of 2027)

State Code: 270504

Course Code: BUS515

Grade Level: 10-12

Length: One semester (Paired with Personal Finance)

Credit: 5 per semester

Prerequisite: None

COURSE DESCRIPTION: IT Fundamentals develops the students' abilities to analyze, evaluate, strategize, and reflect upon technologies such as computer hardware, computer software, web technologies, databases, networking, security, and software development. Students will also be introduced to ever-changing information technology careers along with developing positive and ethical behaviors/practices.

COURSE TITLE: DIGITAL MEDIA

State Code: 270602

Course Code: BUS652

Grade Level: 9-12

Length: One semester (Paired with Digital Design)

Credit: 5 per semester

Prerequisite: None

COURSE DESCRIPTION: Students will learn and apply copyright laws while using industry-standard digital tools to create, design, and produce digital media including sound, video, motion graphics, and print design following rules of composition and basic design principles.

COURSE TITLE: DIGITAL DESIGN

State Code: 270611

Course Code: BUS655

Grade Level: 9-12

Length: One semester (Paired with Digital Media)

Credit: 5 per semester

Prerequisite: Successful completion of Digital Media

COURSE DESCRIPTION: Students will focus on developing skills to plan, design, and create digital design projects using elements of composition, digital photography, and digital print design.

COURSE TITLE: WEB DEVELOPMENT

State Code: 270706

Course Code: BUS670

Grade Level: 11-12

Length: One semester (Paired with Foundations of Web Design)

Credit: 5 per semester

Prerequisite: Successful completion of IT Fundamentals

COURSE DESCRIPTION: Students will demonstrate knowledge of web/app design and languages by creating a content-rich and visually pleasing website/app that captures and keeps visitors' interests. Focus will be given to effective page layout, image creation and manipulation, interactivity, content creation and project management.

COURSE TITLE: FOUNDATIONS OF WEB DESIGN

State Code: 270604

Course Code: BUS675

Grade Level: 11-12

Length: One semester (Paired with Web Development)

Credit: 5 per semester

Prerequisite: Successful completion of IT Fundamentals and Web Development

COURSE DESCRIPTION: Students will demonstrate advanced knowledge of web and mobile app design to create an effective website or app that captures and keeps visitors' interests. Students will demonstrate project management skills, while also enhancing creativity, problem-solving, and critical thinking. Students will explore career opportunities in an information technology career field.

COURSE TITLE: VIDEO PRODUCTION

State Code: 270609

Course Code: BUS610

Grade Level: 10-12

Length: One semesters (Paired with Media Production)

Credit: 5 per semester

Prerequisite: Successful completion of Digital Media and Digital Design

COURSE DESCRIPTION: Students will expand upon the basics of video production to create projects that will involve a sequence requiring pre-production, production, and post-production. The emphasis of video production is to tell stories through interviewing, scripting, and a more professional application of lighting, filming, recording, and editing.

COURSE TITLE: MEDIA PRODUCTION

State Code: 270610

Course Code: BUS685

Grade Level: 10-12

Length: One semesters (Paired with Video Production)

Credit: 5 per semester

Prerequisite: Successful completion of Video Production

COURSE DESCRIPTION: Students will expand their skills in the creation of media productions such as news broadcasts, video story packages, live streaming, radio shows, podcasts, PSAs, digital signage, short films, documentaries, and other media projects. These skills will prepare students for entry level positions in the media production field.

COURSE TITLE: PERSONAL FINANCE

State Code: 033000

Course Code: BUS512

Grade Level: 10-12

Length: One semester (Paired with IT Fundamentals)

Credit: 5 per semester

Prerequisite: None

COURSE DESCRIPTION: Personal Finance is a semester course. The course has been designed to introduce students to basic financial and life skills. Students will learn how to plan and manage their personal finances, achieve a financially successful life, and take responsibility as a citizen. The personal focus of this course makes it relevant and meaningful to all; in particular, to those just starting down the path to personal financial independence. Topics include: consumer decisions, credit, checking accounts, money management, and insurances. We will be using the Dave Ramsey High School Curriculum.

COURSE TITLE: ENTREPRENEURSHIP

Course Code: BUS661

Grade Level: 11-12

Length: One semester

Credit: 5 per semester

Prerequisite: Introduction to Business/Personal Finance

COURSE DESCRIPTION: Entrepreneurship is a course designed for students with a career interest in entrepreneurship. Emphasis is placed on the evaluation of the business skills and commitment necessary to successfully operate an entrepreneurial venture and review the challenges and rewards of entrepreneurship. Instructional strategies may include the development of a business plan, operation of school-based business and actual creation of a student-run business.

COURSE TITLE: MANAGEMENT AND LEADERSHIP

Course Code: BUS662

Grade Level: 11-12

Length: One semester

Credit: 5 per semester

Prerequisite: Introduction to Business/Personal Finance

COURSE DESCRIPTION: Management and Leadership emphasizes the basic concepts of management and leadership within a business or organization. It addresses characteristics, organization, and operation of a business as a major sector of the economy. Students will investigate management issues involved in planning, organizing, leading, and controlling an organization.

COURSE TITLE: ACCOUNTING I

Course Code: BUS710

Grade Level: 10-12

Length: Two years

Credit: 5 per semester

Prerequisite: None

COURSE DESCRIPTION: Accounting 1 provides students with instruction in the terminology and concepts of sole proprietorships, partnerships, and corporations. Double-entry accounting principles and procedures are applied in maintaining business records for both service and merchandising businesses.

COURSE TITLE: ACCOUNTING II

Course Code: BUS810

Grade Level: 11-12

Length: Two semesters

Credit: 5 per semester

Prerequisite: Accounting 1

COURSE DESCRIPTION: Accounting 2 is designed to help students acquire additional knowledge of the concepts, procedures, and applications learned in Accounting 1. Special emphasis is given to analyzing and interpreting financial

information used in making managerial decisions. In-depth study is done in inventory methods, depreciation, accrued expenses and revenues, bank reconciliation, and payroll taxes.

AGRICULTURE AND WELDING COURSES

COURSE TITLE: INTRO TO AGRICULTURE

Course Code: AGR510

Grade Level: 9-12

Length: Two semesters

Credit: 5 per semester

Prerequisite: None

COURSE DESCRIPTION: The introductory course for the Agriculture, Food and Natural Resources Career Cluster provides a knowledge base and technical skills in all aspects of the industry. Learners will be exposed to a broad range of agriculture, food and natural resources careers, cluster foundation knowledge and skills, introduction to leadership development, the FFA organization and career exploration. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

COURSE TITLE: ANIMAL SCIENCE

Course Code: AGR541

Grade Level: 10-12

Length: Two semesters (Offered every other year)

Credit: 5 per semester

Prerequisite: Must have completed Intro to Agriculture.

COURSE DESCRIPTION: A course focusing on the basic scientific principles and processes that are involved in animal physiology, breeding, nutrition, and care in preparation for an animal systems career. Topics include animal diseases, introduction to animal science, animal nutrition, animal science issues, career opportunities and animal evaluation. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

COURSE TITLE: ANIMAL MANAGEMENT

Course Code: AGR580

Grade Level: 11-12

Length: Two semesters (Offered every other year)

Credit: 5 per semester

Prerequisite: Must have completed Intro to Agriculture and Animal Science or administrator approval.

COURSE DESCRIPTION: Small Animal-A course providing instruction on animal husbandry topics related to companion animals that are served by a veterinarian. This course includes breeding, grooming, care and marketing of companion animals. Large Animal -This course includes advanced scientific principles and communication skills that build on the knowledge and skills learned in Animal Science. Topics include animal waste management, animal science economics, decision making, global concerns in the industry, genetics, and breeding.

COURSE TITLE: PLANT SCIENCE

Course Code: AGR570

Grade Level: 10-12

Length: Two semesters (Offered every other year)

Credit: 5 per semester

Prerequisite: Must have completed Intro to Agriculture.

COURSE DESCRIPTION: This course introduces scientific theories, principles, and practices involved in the production and management of plants for food, feed, fiber, conservation, and ornamental use. Classroom and laboratory activities are supplemented through agriculture experiences and leadership programs and activities.

COURSE TITLE: ADVANCED PLANT SCIENCE**Course Code:** AGR670

Grade Level: 10-12

Length: Two semesters (Offered every other year)

Credit: 5 per semester

Prerequisite: Must have completed Intro to Agriculture and Plant Science or by administrator approval.

COURSE DESCRIPTION: Beginning landscape classes introduce students to landscaping terminology, garden design, horticultural skills and landscape construction. Students learn about plant selection for different conditions, soil preparation, irrigation systems, lighting systems and landscape drawing and design.**COURSE TITLE: WELDING I****Course Code:** AGR710

Grade Level: 10-12

Length: Two semesters

Credit: 5 per semester

Prerequisite: Must have completed Intro to Agriculture.

COURSE DESCRIPTION: This course provides in-depth study of metals and fabrication with metal products. It also provides the opportunity to explore the careers of agricultural metal fabrication. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities. (Agriculture or CTE Pathway course)**COURSE TITLE: WELDING II****Course Code:** AGR720

Grade Level: 11-12

Length: Two semesters

Credit: 5 per semester

Prerequisite: Must have completed Intro to Agriculture and Welding I or by administrator approval.

COURSE DESCRIPTION: Students will learn the skills necessary to serve as a foundation for the skills needed in industry. Instruction will include knowledge of blueprint reading, welding symbols, and the proper use of the ARC, MIG, and TIG equipment. Carbon Arc and Plasma Arc will become second nature along with grinders of all sorts. This course will include review of the fundamentals learned in Welding I. Construction of projects will be required. (Agriculture or CTE Pathway course)**COURSE TITLE: AGRICULTURE LEADERSHIP****Course Code:** AGR581

Grade Level: 10-12

Length: Two semesters

Credit: 5 per semester

Prerequisite: Must be an FFA Officer or senior FFA member or by administrator approval.

COURSE DESCRIPTION: Leadership, human resource development, and related careers. Course includes leadership in a community, leadership concepts/applications, characteristics of an effective leader, characteristics of an effective manager and a related practicum demonstrating contribution to society. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

FINE ARTS COURSES**COURSE TITLE: MUSIC THEORY****Course Code:** MUS650

Grade Level: 10-12

Length: Fall Semester

Credit: 5 per semester

Prerequisite: None

COURSE DESCRIPTION: This course is designed to give students a “nuts and bolts” approach to what makes music work. Students will learn how to read music notation, scales, key signatures, chords, part-writing, and some basic composition. These elements will also be explored in different historic periods, and how it applies to current musical trends. Assessments will be taken by daily work and various projects. This course is beneficial for students who are planning to make music a career, a college degree program, or just are highly interested in knowing more about the inner workings of music.

COURSE TITLE: BAND

Course Code: MUS510

Grade Level: 9-12

Length: Two semesters

Credit: 5 per semester

Prerequisite: 1 year of middle school band, or administrator approval.

COURSE DESCRIPTION: “Band” as a class, consists of various types of ensembles and performing opportunities. During the first quarter, the group meets as a marching band, and performs at home football games and various parades and contests. The band functions as a concert band for the rest of the year (second through fourth quarters). As a concert band, the band presents several concerts and utilizes guest clinicians and other means to improve the musicianship of the group. Throughout the year, the band plays as a pep band for volleyball and basketball games. The jazz band is auditioned after the completion of marching season, and meets in the mornings. Members also have the opportunity to work up solo literature; all state and other honor bands will also be available for students to audition. This course may be repeated.

COURSE TITLE: PERCUSSION ENSEMBLE

Course Code: MUS640

Grade Level: 9-12

Length: Year, Students in this course will not register for Band, unless granted permission by the administration and instructor.

Credit: 5 per semester

Prerequisite: Must have been in Middle School band or administrator approval.

COURSE DESCRIPTION: Percussion Ensemble is an instrumental music ensemble for percussion students. The course will involve percussion techniques, rehearsing music for marching band, concert band, and percussion ensemble. During marching season, this class will be to prepare battery and front ensemble percussion for the marching band’s season. After the marching season is over, the class will switch focus toward traditional concert percussion instruments. The repertoire will consist of percussion ensemble music (that is, music written for percussion only) and standard concert band music. Selected percussionists will join the concert band for concerts. Proper playing technique will be emphasized throughout the course. This course may be repeated.

COURSE TITLE: HIGH SCHOOL CHOIR

Course Code: MUS520

Grade Level: 9-12

Length: Two semesters

Credit: 5 per semester

Prerequisite: None

COURSE DESCRIPTION: High School Choir is open to 9-12th grade students. Music learned in this course will consist of a variety of musical styles ranging in ability level depending on the mastery level of students in the class. Students in this course will learn and practice part-singing, sight-singing, vocal technique, and performance etiquette. Selected music will include pieces of European origin as well as non-European origin including ethnic folk songs and other sacred and secular selections. Music is chosen based on educational value as well as general musical appeal. Opportunities for advanced level performances will be available to students who want to challenge themselves.

COURSE TITLE: ART INTRO (INTRODUCTION TO BASIC ARTS)

Course Code: ART510

Grade Level: 9-12

Length: Two semesters

Credit: 5 per semester

Prerequisite: None

COURSE DESCRIPTION: Introduction to Art is a course designed to allow students to explore a wide variety of media and art techniques with emphasis on enhancing drawing skills. The study of art history will also be included as well as how art surrounds us in our daily lives.

COURSE TITLE: 3D ART & TEXTILES DESIGN**Course Code:** ART610

Grade Level: 10-12

Length: Two semesters

Credit: 5 per semester

Prerequisite: Intro to Art

COURSE DESCRIPTION: 3D and Textiles is an art course designed to introduce students to a variety of art “in the round” and to textiles as an art media. Some of the media the students will work with includes ceramics, mosaics, masks, tie dye, and paper and wire sculpture. Throughout the course we will be studying the history of art and architecture.

COURSE TITLE: ADVANCED PAINTING & DRAWING**Course Code:** ART620

Grade Level: 10-12

Length: Two semesters

Credit: 5 per semester

Prerequisite: Intro to Art

COURSE DESCRIPTION: The goal of Advanced Drawing and Painting is to enhance and improve drawing and painting skills. We will be working with a wide variety of media and techniques to challenge our creativity. Art history will also be incorporated into the study of drawing and painting concepts, styles, and techniques.

COURSE TITLE: GRAPHIC DESIGN & PRINTMAKING**Course Code:** ART820

Grade Level: 10-12

Length: Two semesters

Credit: 5 per semester

Prerequisite: Intro to Art

COURSE DESCRIPTION: The Graphic Design and Printmaking course will concentrate on the foundational skills of graphic design and techniques for printmaking. Some areas explored will be generating images, visual problem solving, typography, logos, airbrush, silkscreen, block print, etching, package-design and computer applications.

COURSE TITLE: HONORS ART**Course Code:** ART810

Grade Level: 12

Length: Two semesters

Credit: 5 per semester

Prerequisite: Intro to Art and an Advanced Art class or administrator approval.

COURSE DESCRIPTION: It is the purpose of this course to give those students who have an extensive art background or those who plan to pursue a career in the arts, the freedom to plan their own curriculum to fit their individual needs. This is an advanced class and the expectation level is much higher than in previous art classes. This course is handled on a "contract basis" in which the student will complete a combination of self designed projects as well as a few teacher assigned projects. The student will also have the opportunity to put up a Senior Show during Fine Arts Night in May.

COURSE TITLE: THEATRE TECH**Course Code:** ENG630

Grade Level: 9-12

Length: Two semesters

Credit: 5 per semester

Prerequisite: Instructor Approval / Application

COURSE DESCRIPTION: Students will be introduced to all areas of Technical Theatre with extensive hands-on opportunities. The areas of stage, sound, and lighting design will be highlighted. Students will aid in the construction of theatre scenery and stage properties. Additionally, students will learn to operate and maintain all aspects of the Cozad High School Auditorium.

FOREIGN LANGUAGE COURSES

COURSE TITLE: SPANISH I

Course Code: FLG510

Grade Level: 9-12

Length: Two semesters

Credit: 5 per semester

Prerequisite: None

COURSE DESCRIPTION: Spanish 1 is a beginning course which incorporates the listening, speaking, reading and writing of the language. Student learning focuses on a Comprehension-based, Proficiency-oriented, Acquisition-driven curriculum. Students in Spanish 1 are in the Novice learning phase of language acquisition. Comprehension-based learning focuses on using a set of core vocabulary words in context. Grammar is not the focus of comprehension-based learning; however the present tense of verbs is acquired in Spanish 1.

COURSE TITLE: SPANISH II

Course Code: FLG610

Grade Level: 10-12

Length: Two semesters

Credit: 5 per semester

Prerequisite: Spanish I (or by successfully passing a placement test)

COURSE DESCRIPTION: Spanish 2 is an intermediate course which incorporates the listening, speaking, reading and writing of the language. Student learning focuses on a Comprehension-based, Proficiency-oriented, Acquisition-driven curriculum. Students in Spanish 2 are in the Novice - emerging Intermediate learning phase of language acquisition. Comprehension-based learning focuses on using a set of core vocabulary words in context. Grammar is not the focus of comprehension-based learning; however the present tense and past tense are worked on and used throughout the acquisition.

COURSE TITLE: SPANISH III

Course Code: FLG710

Grade Level: 11-12

Length: Two semesters

Credit: 5 per semester

Prerequisite: Spanish I and II (or by successfully passing a placement test)

COURSE DESCRIPTION: Spanish 3 is an advanced course which incorporates the listening, speaking, reading and writing of the language. Student learning focuses on a Comprehension-based, Proficiency-oriented, Acquisition-driven curriculum. Students in Spanish 3 are in the emerging Intermediate - Intermediate learning phase of language acquisition. Comprehension-based learning focuses on using a set of core vocabulary words in context. Grammar is not the focus of comprehension-based learning; however students in Spanish 3 do have a grammar focus in each unit of comprehension-based learning. Students in Spanish III learn the preterite and imperfect tense of verbs. Spanish novels are used throughout the year in Spanish III.

COURSE TITLE: SPANISH IV

Course Code: FLG810

Grade Level: 12

Length: Two semesters

Credit: 5 per semester

Prerequisite: Spanish I, II, III

COURSE DESCRIPTION: Spanish 4 is an advanced course which incorporates the listening, speaking, reading and writing of the language. Student learning focuses on a Comprehension-based, Proficiency-oriented, Acquisition-driven curriculum. Students in Spanish 4 are in the Intermediate - Advanced learning phase of language acquisition. Spanish 4 focuses on reading novels and solidifying the student's ability to communicate effectively with others.

SKILLED & TECHNICAL SCIENCE COURSES

COURSE TITLE: DRAFTING AND DESIGN

Course Code: CTE510

Grade Level: 9-12

Length: One semester

Credit: 5 per semester

Prerequisite: None

COURSE DESCRIPTION: An introductory level course where students will learn the basic processes of drawing as used in business and industry. Students will learn to draw using drafting techniques. Students will learn drafting tools used by architects and engineers. Using drafting tools and techniques they will learn to draw Multi-View, Isometric, and Oblique drawings. Students will use Computer Aided Drafting (CAD) programs such as AutoCad, Inventor, and Revit to learn 2D & 3D modeling.

COURSE TITLE: INTRO TO WOODS & CONSTRUCTION

Course Code: CTE511

Grade Level: 9-12

Length: One Semester

Credit: 5 per semester

Prerequisite: Successful completion of Drafting and Design.

COURSE DESCRIPTION: An introductory level course where students will learn to manufacture a wood project individually and build a construction project as a class together. Students will also learn valuable lab and personal safety, measuring techniques, developing plans, proper fasteners and adhesives. They will use hand and power tools used to construct a woods and construction project. Students will learn wood skills while building an end grain cutting board. students will learn construction skills while building a garden shed. (Shop fee for purchasing woods project)

COURSE TITLE: WOODS I

Course Code: CTE610

Grade Level: 10-12

Length: One semester

Credit: 5 per semester

Prerequisite: Successful completion of Drafting and Design or Intro to Woods & Construction.

COURSE DESCRIPTION: An intermediate level course where students will learn career, employability, and academic skills that pertain to wood careers in manufacturing and fabrication. They will also learn valuable lab and personal safety, measuring techniques, developing plans, proper fasteners and adhesives that pertain to the woodworking industry. The focus in this course will be on furniture making with students building a small/medium size table project. (Shop fee for purchasing woods project)

COURSE TITLE: WOODS II

Course Code: CTE811

Grade Level: 10-12

Length: One semester

Credit: 5 per semester

Prerequisite: Successful completion of Drafting and Design or Intro to Woods & Construction and Woods I

COURSE DESCRIPTION: Continuing to grow on the things learned in Woods I, students will be challenged more independently to know the skills they learned from Woods I. The focus in this course will be on cabinet making with students building a larger shelf/cabinet project. (Shop fee for purchasing woods project)

COURSE TITLE: CONSTRUCTION I**Course Code:** CTE810

Grade Level: 11-12

Length: One semesters; Two class periods per day

Credit: 10 per semester

Prerequisite: Successful completion of Drafting and Design or Intro to Woods & Construction and Woods I & II and administrator approval.

COURSE DESCRIPTION: An advanced level course where students will learn the total construction process and will develop problem-solving and critical thinking skills. Career, employability, and academic skills the students will learn will pertain to architecture and construction. They will also learn valuable lab and personal safety, measuring techniques, and proper fasteners and adhesives that will relate to many architecture and construction careers. The focus in this course will be on the planning, design, and building from start to finish of a building. Most years students will learn the process of building a garage. (Students will be working outside in colder conditions during the winter months, proper clothing will be required)

COURSE TITLE: CONSTRUCTION II**Course Code:** CTE812

Grade Level: 11-12

Length: One semesters; Two class periods per day

Credit: 10 per semester

Prerequisite: Successful completion of Drafting and Design or Intro to Woods & Construction, Woods I & II and administrator approval.

COURSE DESCRIPTION: Continuing to grow on the things learned in Construction I, students will be challenged more independently to know the skills they learned from Woods I. The focus in this course will be on the planning, design, and building from start to finish of a building. Most years students will learn the process of building a garage.

LANGUAGE ARTS COURSES**COURSE TITLE: ENGLISH 9****Course Code:** ENG101

Grade Level: 9

Length: Two semesters

Credit: 5 per semester

Prerequisite: None

COURSE DESCRIPTION: The goal of this course is to give students the foundational knowledge that they will need to move on and be successful in future English courses and situations outside of high school. The foundation includes building vocabulary, sharpening reading and writing skills, and working on building better public speaking skills. Literature in this course includes, but is not limited to, *Romeo and Juliet*, *Of Mice and Men*, *The Odyssey*, *The Illustrated Man*, *My Antonia*, and a selection of poetry and short stories.

COURSE TITLE: HONORS ENGLISH 9 -- GRADED ON A 10 PT. SCALE**Course Code:** ENG110

Grade Level: 9

Length: Two semesters

Credit: 5 per semester

Prerequisite: Average MAP score of 220 OR 8th grade instructor approval

COURSE DESCRIPTION: This course will be broken down into five fundamental components of Language Arts. Those fundamental components consist of proper grammar, reading, writing, vocabulary, public speaking and poetry skills. Specific topics of interest for each unit entail the novels (*Of Mice and Men*, *The Illustrated Man*, and *Night*), plays, (*Romeo and Juliet*),

Greek Mythology, short stories, Six Traits Writing, weekly vocabulary testing, and a poetry unit. This class' grammar unit will focus on correct capitalization/punctuation rules as well. The enhancement of fundamental reading and writing skills will be the primary focus of English 9.

COURSE TITLE: ENGLISH 10

Course Code: ENG201

Grade Level: 10

Length: Two Semesters

Credit: 5 per semester

Prerequisite: English 9

COURSE DESCRIPTION: The sophomore-level English course focuses on further developing reading strategies learned in English 9 for improved comprehension of literature and other class content. Class members will review conventions of writing including sentence, paragraph, and essay structure; punctuation and capitalization rules; and verb tense and agreement. Students will study and apply MLA research techniques and format in short research papers. Literature included in the course may include, but is not limited to, *Lord of the Flies*, *Oedipus Rex*, *Between Shades of Gray*, *Night*, *Frankenstein* as well as units in poetry, world epic and legend, and short stories.

COURSE TITLE: HONORS ENGLISH 10 -- GRADED ON A 10 PT. SCALE

Course Code: ENG220

Grade Level: 10

Length: Two semesters

Credit: 5 per semester

Prerequisite: Successful completion of Honors English 9 or department permission

COURSE DESCRIPTION: The sophomore-level Honors English course is a literature-based course of reading and writing designed to prepare students for Honors English 11 and eventually college. Students can expect to read the literature included in English 10 and other related reading. Each semester, at least one major literary work will be read beyond those included in English 10. Students can expect to research and write using the APA style. Essay writing will include narrative, descriptive, persuasive, and expository styles. Conventions of grammar and syntax will be reviewed.

COURSE TITLE: ENGLISH 11

Course Code: ENG301

Grade Level: 11

Length: Two semesters

Credit: 5 per semester

Prerequisite: English 9, 10

COURSE DESCRIPTION: This course is an examination of American people, experiences, and problems seen through the eyes of literary and historic characters. Students will be expected to discuss and write about these experiences and characters as well as their own experiences, opinions, and character. To aid in this exploration the class will include grammar review, vocabulary, and the use of literary terms, essays, and daily classroom discussions. Assigned essay formats will include persuasive, critical thinking, informative, reaction, and others.

COURSE TITLE: HONORS ENGLISH 11 -- WEIGHTED CLASS FOR GPA CALCULATIONS

Course Code: ENG320

Grade Level: 11

Length: Two semesters

Credit: 5 per semester

Prerequisite: Successful completion of Honors English 9, 10 or department permission

COURSE DESCRIPTION: This is a college prep course and a survey of American life viewed through the experiences of numerous diverse literary and historic characters. Students will be expected to discuss and write about these experiences and characters as well as their own experiences, opinions, and character. To aid in this exploration the class will include grammar

review, vocabulary, and the use of literary terms, essays, and daily classroom discussions. Assigned essay formats will include persuasive, critical thinking, informative, reaction, and others. The use of correct essay forms will be emphasized as well as MLA documentation. Honors English 11 is designed to prepare students for Honors English 12 and college. It is distinguished from English 11 by its enhanced reading and writing schedule and expectations.

COURSE TITLE: ENGLISH 12

Course Code: ENG401

Grade Level: 12

Length: Two semesters

Credit: 5 per semester

Prerequisite: English 9, 10, 11

COURSE DESCRIPTION: Jump-start your skills for college! Use your critical thinking and application talents to analyze great works that deal with the issue of human dignity. Included are the following works: Hamlet, A Tale of Two Cities, Les Miserables, Man of La Mancha, Watership Down, The Ugly American, Cry The Beloved Country, and 1984. Learn to write critical reviews of these works and analyze the author's intent and style.

COURSE TITLE: HONORS ENGLISH 12 -- *WEIGHTED CLASS FOR GPA CALCULATIONS*

Course Code: ENG420

Grade Level: 12

Length: Two semesters

Credit: 5 per semester

Prerequisite: Successful completion of Honors English 9, 10, 11 or department permission

COURSE DESCRIPTION: Jump-start your skills for college! Use your critical thinking and application talents to analyze great works that deal with the issue of human dignity. Included are the following works: Hamlet, A Tale of Two Cities, Snow Falling On Cedars, Tuesdays With Morrie, The Ugly American, Cry The Beloved Country, and 1984. Learn to write critical reviews of these works and analyze the author's intent and style. Assigned essay formats will include persuasive, critical thinking, informative, reaction, and others. The use of correct essay forms will be emphasized as well as MLA documentation. Honors English 12 is designed to prepare students for college. It is distinguished from English 12 by its enhanced reading and writing schedule and expectations.

COURSE TITLE: DIGITAL JOURNALISM

Course Code: ENG720

Grade Level: 9-12

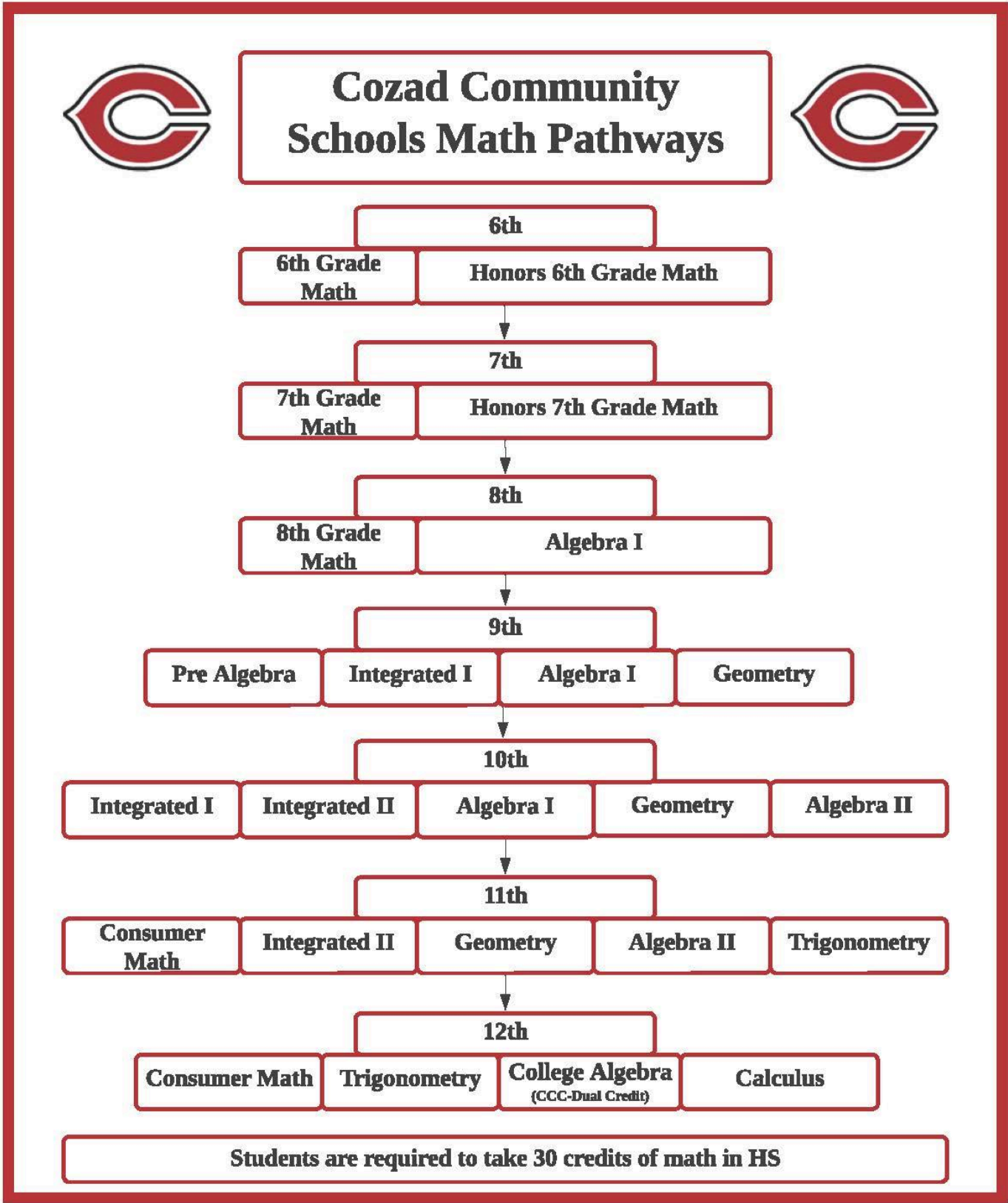
Length: Two semesters

Credit: 5 per semester

Prerequisite: None

COURSE DESCRIPTION: Digital Journalism recognizes the dramatically changing landscape of mass media and news information sources. Students will be expected to track, participate, and produce media and news information from a myriad of sources including video journalism, digital photography, online newspaper, print newspaper, and yearbook creation.

MATHEMATICS COURSES



COURSE TITLE: PRE-ALGEBRA**Course Code:** MTH530

Grade Level: 9

Length: Two semesters

Credit: 5 per semester

Prerequisite: None

COURSE DESCRIPTION: Pre-Algebra is directed toward students who need more preparation in their fundamental math skills. It will review the fundamentals of adding, subtracting, multiplying, and dividing integers, fractions, and decimals. The students will also be introduced to topics in one-step and multi-step equations and inequalities, graphing and writing linear functions, and solving systems of linear equations, basic geometry concepts such as angle relationships, pythagorean theorem and formulas involving three-dimensional figures.

COURSE TITLE: INTEGRATED MATH 1**State Code:** 110502**Course Code:** MTH620

Grade Level: 9-10

Length: Two semesters

Credit: 5 per semester

Prerequisite: Successful completion of Pre-Algebra or with administrator approval.

COURSE DESCRIPTION: Integrated Mathematics I is a course that will cover basic algebra and geometry standards. This course is designed to start students on a path that ensures they can gain all 30 math credits to graduate while being exposed to the state standards. The topics covered in Integrated Math I will not be covered as deep as those covered in Algebra or Geometry.

COURSE TITLE: INTEGRATED MATH II**State Code:** 110503**Course Code:** MTH625

Grade Level: 10-11

Length: Two semesters

Credit: 5 per semester

Prerequisite: Successful completion of Integrated I, Algebra I or with administrator approval.

COURSE DESCRIPTION: Integrated Mathematics 2 is a course that will cover basic geometry and algebra 2 standards. This course is designed to continue students on a path that ensures they gain all 30 math credits to graduate while being exposed to the state standards. The topics covered in Integrated Math 2 will not be covered as deep as those covered in Geometry and Algebra 2.

COURSE TITLE: ALGEBRA I**Course Code:** MTH540

Grade Level: 9-10

Length: Two semesters

Credit: 5 per semester

Prerequisite: Successful completion of Pre-Algebra or with administrator approval

COURSE DESCRIPTION: Algebra I is a class open to 9-12 grade students. The course is designed with the college bound student in mind. It is assumed students in this course have previous experience with integer operations, word problems, order of operations, solving multi-step equations and basic knowledge of linear functions. These topics will be covered in depth and we will extensively study evaluation of algebraic expressions, properties of real numbers, rational equations, factoring, scientific notation, functions, variation and quadratic equations. It is designed to prepare students for Geometry and Algebra II.

COURSE TITLE: GEOMETRY**Course Code:** MTH550

Grade Level: 9-11

Length: Two semesters

Credit: 5 per semester

Prerequisite: Successful completion of Algebra I

COURSE DESCRIPTION: Geometry is an elective class open to 9-12 students. The course is designed with the college bound student in mind. This course provides an in depth study of Plane Geometry. Students will study and be exposed to properties of basic figures, reasoning and proofs, parallel and perpendicular lines, congruent and similar triangles, right triangles, trigonometry, quadrilaterals, transformations, circles, length, area and volume.

COURSE TITLE: ALGEBRA II

Course Code: MTH610

Grade Level: 10-11

Length: Two semesters

Credit: 5 per semester

Prerequisite: Successful completion of Algebra I and Geometry

COURSE DESCRIPTION: Algebra II is an elective class that is open to 10 – 12 grade students. The course is designed with the college bound student in mind. The course prepares students for higher level mathematics curriculum such as Trigonometry, Pre-Calculus, Analytic Geometry and Calculus.

COURSE TITLE: CONSUMER MATH

Course Code: MTH510

Grade Level: 11-12

Length: Two semesters

Credit: 5 per semester

Prerequisite: Successful completion of Integrated I, Integrated II, Algebra I or with administrator approval.

COURSE DESCRIPTION: This course is a basic math course designed to teach strategies to improve basic math skills while offering a variety of consumer related and business applications as well as help expand the use of their current math skills to real life.

COURSE TITLE: COLLEGE ALGEBRA (DUAL CREDIT COURSE)

Course Code: MTH721

Grade Level: 11-12

Length: Two semesters

Credit: 5 per semester

Prerequisite: Successful completion of Algebra II

COURSE DESCRIPTION: This course is the study of relations, functions and their graphs, equations and inequalities, polynomial and rational functions, exponential and logarithmic functions, systems of equations and inequalities. This course is a dual credit course with Central Community College (CCC) and taught by a Cozad Community Schools teacher.

COURSE TITLE: TRIGONOMETRY (PRE-CALCULUS & TRIG) -- WEIGHTED FOR GPA CALCULATIONS

Course Code: MTH710

Grade Level: 11-12

Length: Two semesters

Credit: 5 per semester

Prerequisite: Successful completion of Geometry and Algebra II

COURSE DESCRIPTION: This is an elective class that is open to 11-12 grade students. The course is designed with the college bound student in mind. The course prepares students for secondary level mathematics curriculum such as College Algebra and Calculus. Students will learn how to simplify and solve Trigonometric expressions and equations using Trigonometric identities along with graphing Trigonometric functions.

COURSE TITLE: CALCULUS -- WEIGHTED CLASS FOR GPA CALCULATIONS

Course Code: MTH810

Grade Level: 12

Length: Two semesters

Credit: 5 per semester

Prerequisite: Algebra II, Pre-Calculus and Trigonometry

COURSE DESCRIPTION: Calculus is an elective class that is open to 12 grade students. The course is designed with the college bound student in mind. The course prepares students for college level mathematics curriculum such as Advanced Math with College Algebra, Pre-Calculus, and Calculus.

SCIENCE COURSES

COURSE TITLE: BIOLOGY

Course Code: SCI201

Grade Level: 9

Length: Two semesters

Credit: 5 per semester

Prerequisite: None

COURSE DESCRIPTION: Biology is the study of living things and how these living things interact in and with their environment. Concepts covered in this class include the basics of: cell structure and function, energy flow, genetics, heredity, evolution, and ecology. Many labs and activities will be used to reinforce our focus areas.

COURSE TITLE: HONORS BIOLOGY -- GRADED ON A 10 PT. SCALE

Course Code: SCI211

Grade Level: 9

Length: Two semesters

Credit: 5 per semester

Prerequisite: MAP Score of 220 or better or administrator approval

COURSE DESCRIPTION: Biology is the study of living things and how these living things interact in our environment. Concepts covered in depth in this class include: cell structure and function, energy flow, genetics, heredity, evolution, and ecology. Many labs and activities will be used to reinforce our focus areas.

COURSE TITLE: CHEMISTRY

Course Code: SCI720

Grade Level: 10

Length: Two semesters

Credit: 5 per semester

Prerequisite: None

COURSE DESCRIPTION: Chemistry is the study of matter and changes it undergoes. Students will learn about matter, the periodic table, nuclear reactions, chemical reactions and earth science through a combination of class discussion, lab activities, and small group discussion.

COURSE TITLE: HONORS CHEMISTRY -- GRADED ON A 10 PT. SCALE

Course Code: SCI730

Grade Level: 10

Length: Two semesters

Credit: 5 per semester

Prerequisite: Successful completion of Algebra I

COURSE DESCRIPTION: Chemistry is the study of matter and changes it undergoes. This course is designed with the 4-yr college bound student in mind; preparing students with a foundational knowledge to be successful in a college chemistry class. Students will learn about matter, the periodic table, nuclear reactions, chemical reactions, moles, and stoichiometry.

COURSE TITLE: CHEMISTRY II -- WEIGHTED CLASS FOR GPA CALCULATIONS

Course Code: SCI731

Grade Level: 11-12

Length: Two semesters

Credit: 5 per semester

Prerequisite: Successful completion of Honors Chemistry

COURSE DESCRIPTION: Chemistry is the study of matter and changes it undergoes. This course is an elective open to 11th and 12th grade students that builds upon the knowledge gained from Honors Chemistry. Recommended for students planning to go to college and major in a scientific field or health profession. Students will gain an in-depth knowledge of chemistry enabling them to excel in a college chemistry class as well as introduce the topics of organic chemistry and biochemistry. Major topics that will be covered are Moles, Stoichiometry, Gasses, Acids and Bases, Redox Reactions, Organic Chemistry, and Biochemistry.

COURSE TITLE: PHYSICS

Course Code: SCI812

Grade Level: 11

Length: Two semesters

Credit: 5 per semester

Prerequisite: None

COURSE DESCRIPTION: Physics is the study of force, motion and energy. This course is required for students in 11th grade unless they elect to take Honors Physics. The class will focus on a conceptual understanding of Newton's Laws of motion, gravitation, magnetism and energy. The course will consist of lab activities, assigned readings, small group and class discussions.

COURSE TITLE: HONORS PHYSICS (OPTIONAL DUAL CREDIT)-- WEIGHTED CLASS FOR GPA CALCULATIONS

Course Code: SCI810

Grade Level: 11-12

Length: Two semesters

Credit: 5 per semester

Prerequisite: Successful completion of Algebra II

Corequisite: Trigonometry

COURSE DESCRIPTION: Physics I is a mechanics course. Students will learn how to mathematically describe accelerated motion, analyze the forces acting on an object and make predictions about its motions. Other topics we will explore include work and energy, conservation of momentum, static equilibrium, universal gravitation and rotational dynamics. The class is offered for college credit through Nebraska Wesleyan University.

COURSE TITLE: PHYSICS II -- WEIGHTED CLASS FOR GPA CALCULATIONS

Course Code: SCI910

Grade Level: 12

Length: Two semesters

Credit: 5 per semester

Prerequisite: Successful completion of Physics I or Administrator Permission

COURSE DESCRIPTION: Physics II is a second year of physics. This class will introduce static and dynamic fluids, mechanical waves and energy, thermodynamics, electrostatics, current electricity, magnetism, optics, and electromagnetic waves.

COURSE TITLE: ANATOMY AND PHYSIOLOGY -- WEIGHTED CLASS FOR GPA CALCULATIONS

Course Code: SCI870

Grade Level: 11-12

Length: Two semesters

Credit: 5 per semester

Prerequisite: Successful completion of Biology, Chemistry, and Physics or administrator approval

COURSE DESCRIPTION: Anatomy and physiology is the study of the structure and function of the human body. This is an

elective and is taught as a college preparatory class. The course begins with the chemical level, to cells, tissue, organs and then systems. The human body is discussed by each system and how these systems are interrelated.

SOCIAL SCIENCE COURSES

COURSE TITLE: WORLD GEOGRAPHY

Course Code: SOC111

Grade Level: 9

Length: Two semesters

Credit: 5 per semester

Prerequisite: None

COURSE DESCRIPTION: This course is a study of the physical makeup of the planet and its place in the universe. Through the five themes of geography, students will understand the physical world and its relationship to the man-made environment. Students will discover a clear inter-relationship of all people on earth and how activities of man are altered by both physical and cultural influences.

COURSE TITLE: WORLD HISTORY

Course Code: SOC101

Grade Level: 10

Length: Two semesters

Credit: 5 per semester

Prerequisite: None

COURSE DESCRIPTION: This course is a survey of modern World History (with an emphasis on western civilization) from the late middle ages to the present. The course looks at the Renaissance and Reformation, the monarchs of Europe, the Enlightenment, Revolutions in Britain, America and France, the Industrial Revolution, Nationalism in Europe, World War I, The Great Depression, World War II, and Europe and North America in the postwar years.

COURSE TITLE: AMERICAN HISTORY

Course Code: SOC301

Grade Level: 11

Length: Two semesters

Credit: 5 per semester

Prerequisite: None

COURSE DESCRIPTION: This course is an overview of modern American History from Reconstruction to the present. The course begins with a brief overview of the early development of the nation. The majority of the course examines events of the nineteenth and twentieth centuries through primary sources as well as a select number of secondary sources. Students will acquire practical knowledge on how events of the past impact the present and future.

COURSE TITLE: HONORS AMERICAN HISTORY - - **WEIGHTED CLASS FOR GPA CALCULATIONS**

Course Code: SOC330

Grade Level: 11

Length: Two semesters

Credit: 5 per semester

Prerequisite: Concurrent enrollment in Honors English 11 or have a 3.4 GPA, or with administrator approval.

COURSE DESCRIPTION: This college prep course is a survey of American History from Reconstruction to the present. The course begins with a brief overview of the early development of the nation. The majority of the course examines events of the nineteenth and twentieth centuries through primary sources as well as a select number of secondary sources. Students will apply historical research and thinking skills to analyze national and local issues. This course is distinguished from standard American History by more in-depth, reading, writing, and examination of events.

COURSE TITLE: AMERICAN GOVERNMENT**Course Code:** SOC411

Grade Level: 12

Length: One semester

Credit: 5 per semester

Prerequisite: Successful completion of World History, World Geography and American History

COURSE DESCRIPTION: American Government is a one-semester course for seniors required for graduation. It is designed to acquaint students with the origins, concepts, organizations, and policies of the United States' government and political system. Contemporary issues will frame conversations about the Constitution, the courts, legislative and executive branches, federalism, and a review of major political philosophies around the world. Emphasis is also given to the dynamics of political decision-making and the degree to which citizens participate in political processes.

COURSE TITLE: ECONOMICS**Course Code:** SOC402

Grade Level: 12

Length: One semester

Credit: 5 per semester

Prerequisite: Successfully completed World History, World Geography and American History.

COURSE DESCRIPTION: Economics is required to graduate. This course is designed to help students understand economics principles as applied to current events and issues. Emphasis includes allocation of resources, economics systems, economic institutions and incentives, markets and prices, market structures, productivity, role of government, global economic concepts, and economic indicators.

COURSE TITLE: PSYCHOLOGY**Course Code:** SOC620

Grade Level: 11-12

Length: One semesters

Credit: 5 per semester

Prerequisite: Successfully completed World History or World Geography or with administrator approval.

COURSE DESCRIPTION: This semester course focuses on the study of human behavior and mental processes. As an introduction to the field of psychology, this is an Elective Course that includes consideration of psychological principles, terminology, major theories, careers, methods of experimentation, and practical applications. Special topics include personality development, problem solving, group dynamics, and motivation. The only prerequisite for this class is that the student is an upperclassman. (Due to the pace and amount of information covered.)

COURSE TITLE: SOCIOLOGY**Course Code:** SOC630

Grade Level: 11-12

Length: One semester

Credit: 5 per semester

Prerequisite: Successfully completed World History or World Geography or with administrator approval.

COURSE DESCRIPTION: Sociology is a one semester course intended to give a broad picture of the field of sociology. The course will offer a set of intellectual tools with which to more accurately understand the society in which you live. This course illustrates how the groups, or social structures, that one belongs to have a profound influence on the way you think, feel, and act. Sociology looks at groups rather than individuals. Major themes include deviance and social control, inequalities of gender and age, family and marriage, and social issues surrounding modern sport. The only prerequisite for this class is that the student is an upperclassman. (Due to the pace and amount of information covered.)

PHYSICAL EDUCATION COURSES

COURSE TITLE: HEALTH

Course Code: PHY111

Grade Level: 9

Length: One semester

Credit: 5 per semester

Prerequisite: None

COURSE DESCRIPTION: This is a required class for graduation requirements for all 9th graders. The course will guide students to be aware that good health is the responsibility of the students themselves. Students will learn the following units: Living a Healthy Life, Physical Activity for Life, Human Body & its Systems, Infectious Diseases, Lifestyle Diseases, and Pregnancy, Birth and Prevention.

COURSE TITLE: PHYSICAL EDUCATION

Course Code: PHY110

Grade Level: 9

Length: One semester

Credit: 5 per semester

Prerequisite: None

COURSE DESCRIPTION: This course is designed for freshman level students and will be attended for one semester to meet the requirements of Cozad City Schools for Physical Education. The course will offer a variety of activities that will help students enhance their cardiovascular fitness, muscular strength and endurance, flexibility, as well as overall self-confidence and wellness. The emphasis of this course will be founded on the Physical Best Activity Program which incorporates sport specific, lifetime fitness, and health fitness related activities.

COURSE TITLE: WEIGHT TRAINING

Course Code: PHY610

Grade Level: 10-12 (9th with administrator permission)

Length: Two semesters

Credit: 5 per semester

Prerequisite:

1. Students must not have been removed or kicked out of a weights or physical education class previously to register. Must be in good academic standing to register for a weights class.
2. Any student who has received less than a B- in a previous semester of weight training is not eligible to register in any future weights or physical education course without administrative approval.

COURSE DESCRIPTION: This course is designed to enhance the physical abilities and overall fitness of its participants. The strength & conditioning components are developed from sound physiological exercise science principles. Proper technique and weight room safety will be emphasized. Students will learn about the fundamentals of advanced weight training and cardiovascular conditioning during this course. Students will also learn how to design a general training program based on physiological and sport/activity specific principles. Athletes that participate in this course will be on a 3/4 day split routine with the main objective being athletic enhancement. Non-Athletes will have a 2/3 day split routine (2 days of cardio work and 2 days of weight training, 1 optional day) with one open activity day. Their main objective will be the advancement of cardiovascular health and the maintenance of proper body composition.

OTHER COURSES

COURSE TITLE: SKILLS DEVELOPMENT

Course Code: SPD501, SPD510, SPD601, SPD650

Grade Level: 9-12

Length: Two semesters

Credit: 5 per semester

Prerequisite: Student must have an active IEP

COURSE DESCRIPTION: Skills development is a course for students who qualify for Special Education Services. Students in Special Education are included in regular education classes to the extent of their ability. At times the demands of the general curriculum get difficult. To prevent feelings of being overwhelmed and frustrated, students will be in an individual/small group class in order to assist them. This course is aimed at supporting the student so that they may make progress toward their Individual Education Plan goals and function as independently as possible in their general education classes leading toward the completion of high school and the successful transition into adult living.

COURSE TITLE: TRANSITIONAL STUDIES - LIFE SKILLS

Course Code: SPD620

Grade Level: 11

Length: Two period block for two semesters

Credit: 10 per semester

Prerequisite: Student must have an active IEP

COURSE DESCRIPTION: Transitioning from high school to post-secondary opportunities involves gaining an understanding of basic grooming, independent living skills, overall health, and self-advocacy. This course is aimed at supporting the student so that they may make progress toward their Individual Education Plan goals. In addition, through a transitional curriculum, students will be graded in a variety of areas including: classroom performance, organization, use of time, respect for classmates and teachers, cooperation, and understanding of the life skills being taught. Some areas of instruction include: personal hygiene, food preparation, housekeeping, meal planning, nutrition, banking, credit, insurance, laundry, car care, minor home repair, price comparison, etc. This course is open to verified special education students in grade 11, who meet specified criteria. Students will earn a grade and receive credit for this course.

COURSE TITLE: TRANSITIONAL STUDIES - JOB SKILLS

Course Code: SPD710

Grade Level: 12

Length: Two period block for two semesters

Credit: 10 per semester

Prerequisite: Student must have an active IEP

COURSE DESCRIPTION: Transitioning from high school to post-secondary opportunities involves gaining an understanding of basic employment skills, as well as skills related to living independently. This course is aimed at supporting the student so that they may make progress toward their Individual Education Plan goals. In addition, through a transitional curriculum, students will be graded in a variety of areas including: classroom performance, organization, use of time, respect for classmates and teachers, cooperation, and understanding of the life skills being taught. Students will get hands-on, real-life opportunities in these areas as well as experience in finding, earning, and retaining a job. As seniors, students will be placed at a job site, in the Cozad community, to practice skills learned and prepare for future employment. This course is open to verified special education students in grade 12, who meet specified criteria. Students will earn a grade and receive credit for this course.

COURSE TITLE: TEACHER ASSISTANT PROGRAM

Course Code: GEL813

Grade Level: 12

Length: Two semesters

Credit: 5 per semester

Prerequisite: Administrator approval

COURSE DESCRIPTION: This course is designed for seniors interested in pursuing a career in the human services fields. Exclusive to those interested in education, social work, or child care. Senior students in solid academic standing will be paired with elementary and middle school students and act as a mentor for them.

COURSE TITLE: ESL (ENGLISH AS A SECONDARY LANGUAGE)**Course Code:** ENG510

Grade Level: 9-12

Length: Two semesters

Credit: 5 per semester

Prerequisite: Administrator approval

COURSE DESCRIPTION: This course is a class that teaches both conversational and academic English through listening, speaking, reading, and writing.**COURSE TITLE: IN-DEPTH STUDY****Course Code:** GEL710

Grade Level: 11-12

Credit: College only

Length: One semesters

Prerequisite: Must be a student in good standing with adequate progress for cohort graduation and have administrator approval.

COURSE DESCRIPTION: This course can be approached in two ways. The first approach is through a distance learning opportunity via satellite or through off-campus early college classes. With the help of the high school facilitator, counselor, learning center manager and college advisors, a course is chosen. Once the course material arrives, the facilitator helps the students plan a schedule to follow in order to "stay on track".**COURSE TITLE: CERTIFIED NURSE ASSISTANT (CNA) AND MED-AIDE****Course Code:** GEL814

Grade Level: 11-12

Credit: Certification

Length: Two
semesters

Prerequisite: Must be a student in good standing and administrator approval.

COURSE DESCRIPTION: This course is taught through Central Community College in partnership with Cozad Community Health Systems. This course is taken for certification and not high school credit.**COURSE TITLE: CAREER DEVELOPMENT****Course Code:** GEL800

Grade Level: 11

Credit: 5 per semester

Length: One semester

Prerequisite: Must take this course to be able to get into the Work-Based Learning Program.

COURSE DESCRIPTION: This course is designed to help students identify and develop the skills needed for success in college, career, and life. This business course will be used to develop entry-level skills for post-secondary education, training, and future careers. These skills will be learned through instruction, research, class discussion, projects, and hands-on activities. Topics of study will include, but are not limited to: personal analysis, personal and professional goals, decision making, problem solving, career pathways, college prep, relationship skills, personal finance, job and college applications, resume building, preparing for the job interview, online presence and essential life skills (soft skills). This is a prerequisite to get into the work-study program.**COURSE TITLE: WORK-BASED LEARNING****Course Code:** GEL820

Grade Level: 12

Credit: 5 per semester

Length: Two semesters

Prerequisite: Must be a senior and successfully completed High School Career Development Class

COURSE DESCRIPTION: This class provides students the opportunity to connect what they learn in school with worksite

application. Students are placed in an occupation that best relates to their career interest and aptitude. The school and business community work together to plan activities that will enable each student to apply the knowledge, attitudes and skills learned in the classroom to actual business situations and positions. This course is part of the Work-based Learning Program. Job placements must be approved by the high school principle and/or Work-Based Learning coordinator.

ENRICHMENT COURSES (LAST PERIOD OF THE DAY)

These courses are taken at the end of the day to provide more exploratory opportunities for our students and may not offer credit.

COURSE TITLE: ACADEMIC SUCCESS

Course Code: ENR117

Grade Level: 9-12

Length: Two Semesters

Credit: None

Prerequisite: None

COURSE DESCRIPTION: Study hall to be used for Academic purposes.