AGRICULTURE

AGRICULTURE SCIENCE I

Grades 9-12 1 credit

This motivating course introduces first year agriculture students to the basics of agriculture. Instruction will include animal production of swine, dairy, beef and poultry. Instruction also includes animal nutrition, animal selection and animal breeding. Students will be introduced to careers in agriculture, leadership skills offered through FFA, including their "Supervised Agriculture Experience" projects (SAEP) and the importance of record keeping. FFA will be an exciting component of this agriculture class. *FFA dues are required for membership. Students have the opportunity to compete on Career Development Event teams. --College Scholarships are available for students completing four years of Agriculture Classes.

AGRICULTURE SCIENCE II

Grades 10-12 1 credit

This course is for second year agriculture students. Students will receive instruction on soil science, plant science, forestry, entomology, and introduction to agriculture mechanics. Students will also receive instruction on parliamentary procedure, written and verbal communication skills, while keeping accurate records on their Supervised Agriculture Experience Projects (SAEP). Like all agriculture classes, FFA is a strong component of this agriculture class.
Dues are required for FFA membership
Prerequisite: Ag Science I

ADVANCED PLANT SCIENCE-AGRONOMY

Grades 11-12 ½ credit

Offered 1st semester only

This course is designed for students interested in the growing and tending of plants and also the care and raising of animals. Instruction includes evaluation of grassland, soils, and wildlife along with plant identification. The class also includes crop judging, soil surveying, and animal reproduction and nutrition. *Supervised Agriculture Experience Program (SAEP) will be part of this curriculum as well as students developing their FFA leadership skills.
Dues are required for FFA membership
Prerequisite: Ag Science I and II

GREENHOUSE MANAGEMENT I & II

Grades 11-12 1 credit

Students will receive instruction on plant and flower identification and growth of plants commonly grown in Missouri greenhouses. Units of study include plant growth and development, plant propagation, greenhouse management, growing techniques, insect identification, and careers in the horticulture industry. Students will also participate in the Supervised Agriculture Experience Program (SAEP) and FFA leadership.
Prerequisite: Ag Science I and II
*Dues are required for FFA membership
Prerequisite: Ag. Science I and II
Students may articulate Greenhouse Mgmt. II with State Fair Community college to earn 3 hrs. of articulated credit.

LANDSCAPING/TURF MANAGEMENT

Grades 11-12 ½ credit

Offered 2nd semester only

Students enrolled in this class will receive entry level hands-on training in landscaping homes and businesses. Students will also receive training for athletic field and golf course design and maintenance. Students will develop skills in plant identification and recommended plant uses. Instruction includes landscaping and landscape design and plant propagation. Students will also conduct a *Supervised Agriculture Experience Program (SAEP) along with FFA leadership.

*Dues are required for FFA membership

Prerequisite: Ag Science I and II

ADVANCED ANIMAL SCIENCE

Grades 11-12 1 credit

This class concentrates on the practical application of science based principles of food and animal production. Subjects taught include: breeds of animals, animal reproduction, animal nutrition, animal products, food science, animal health, parturition, small animal management, animal selection, record keeping, and agriculture leadership. Livestock Evaluation will be taught. Each student will receive basic training in record keeping through the development of a Supervised Agriculture Experience Program or (SAEP). In addition each student will receive training in public speaking and parliamentary procedure, as well as be given opportunities to participate in Leadership and skill contests. Students will continue to develop their FFA leadership skills. FFA dues are required for membership.
Prerequisite: Ag Science I and II
Students may articulate Advanced Animal Science with State Fair Community college to earn 3 hrs. of articulated credit.

FOOD SCIENCE

Grades 11-12 1 credit

This course includes the areas of food chemistry and nutrition, food additives, food packaging and labeling, evaluation of foods, food microbiology, food processing, food fermentation, principles of sanitation and quality control.

Prerequisite: Ag Science I and II

AGRICULTURE CONSTRUCTION I & II

Grades 11-12 1 credit

This hands-on course is designed to teach students the basics of metal fabrication. Large lab projects will be constructed using advanced agriculture mechanics skills. Students will learn power tool usage, Arc welding, MIG welding, oxy acetylene cutting, as well as planning and fabrication of projects. FFA leadership is also an important component to this course. Students will maintain their personal record book on their *Supervised Agriculture Experience Program (SAEP).

Prerequisite: Ag Science I and II

AG MECHANICS & STRUCTURES I & II

Grades 11-12 1 credit

This course includes the completion of large lab projects using advanced agriculture construction skills like electrical wiring, plumbing, concrete and masonry, and woodworking. Students learn safe power tool usage, construction planning, and fabrication processes. Maintenance of small gas engines is also covered. Students will conduct a *Supervised Agriculture Experience Program (SAEP), along with continuing FFA leadership training. Students have the opportunity to compete on Career Development Event teams. FFA dues are required for membership.
Prerequisite: Ag Science I and II

AGRICULTURE BUSINESS

Grades 11-12 1 credit

This course is designed for students interested in money management and profit maximizing principles. Instruction includes cost analysis, budgets, supply and demand, investment analysis, income tax management, marketing and sales. Students will also learn proper techniques for filling out resumes, applying and interviewing for jobs. Students will also learn to prepare and make a sales presentation. Students will maintain their personal record book on their *Supervised Agriculture

Experience Program (SAEP) along with FFA leadership.
Prerequisite: Ag Science I and II
Includes Embedded Personal Finance-this is for students who opt out of taking a semester of Personal Finance. They must take the course for a year and pass a test to receive their Personal Finance credit.

Students may articulate Ag Business with State Fair Community college to earn 3 hrs. of articulated credit.

AGRICULTURAL COMMUNICATIONS

Grades 11-12 1 credit

This course will be based on agriculture communications and how to effectively inform the public of the importance of agriculture as well as how to present timely information to the public. Discussion of communication theory, photographic journalism, business writing, resumes, journalistic writing, broadcast media, graphic design, creating presentations, delivering presentations and parliamentary procedure will be covered. Methods of presentation will include lecture, class discussion and multimedia. Authentic products will be published and communicated.

Prerequisite: Ag Science I and II

AGRICULTURE LEADERSHIP

Grades 11-12 1 credit

Students enrolled in this course will receive instruction in personal development and leadership and public speaking skills. The course should help students develop a better understanding of skills and qualities needed to become a positive and influential leader in their school and community. Students will improve their public speaking skills and learn leadership and community service concepts needed to be a contributing member of our society. Students will also participate in the Supervised Agriculture Experience Program (SAEP) and the FFA leadership.
Prerequisite: Ag Science I and II

AGRICULTURE OCCUPATIONAL EDUCATION (AOE)

Grade 12 1 credit

Agriculture students can earn one or two units of credit their senior year by working in an approved agriculture related job. Students must be enrolled in one other agriculture class during their senior year. Students can be released for a maximum of 2 hours during the school day and must work at least 10 hours per week per credit.
Prerequisite: Teacher Approval

BUSINESS & MARKETING

COMPUTER APPLICATIONS

Grades 9-12 ½ credit

This course is designed to help students master beginning and advanced skills in the areas of word processing, database management, spreadsheet applications, desktop publishing, multimedia, Internet usage, and integrated software applications. Students will be provided hands-on experience using Microsoft Office 2016 to create professional business documents.

INTRODUCTION TO BUSINESS

Grades 9-12 ½ credit

This course is designed to expose students to many functions of modern business. It shows students how these functions exist in a changing society and the type of decisions which must be made within that environment. The course also exposes students to the multitude of careers in the field of business. The importance of business in the modern society is also stressed. Topics such as business environment, management, organization, marketing, finance, accounting and data processing are discussed in an introductory manner. Students will complete many class projects throughout the course.

ACCOUNTING I

Grades 9-12 1 credit

Instruction in accounting plays an important role for students who are preparing for accounting careers after graduation-employment or higher level education. It is also a crucial component of academic backgrounds for students who will pursue entrepreneurial ventures and small business ownership. All students, regardless of their occupational choice, can benefit from accounting instruction since it is an integral part of every business institution and organization. This course is designed to build a basic understanding of manual and automated accounting principles, concepts, and procedures. Activities include using the accounting equation, completing the accounting cycle, entering transactions to journals, posting to ledgers, preparing end-of-period statements and reports, managing payroll systems, completing banking activities, calculating taxes, and performing other related tasks.

***Students (grade 10-12) will also earn a Personal Finance credit by completing this class and passing a Personal Finance test.**

ACCOUNTING II

Grades 10-12 1 credit

This course is a continuation of Accounting I, involving more advanced problems which will help students in preparing for accounting and business careers. Computerized accounting activities are used throughout the course. Departmentalized accounting, general accounting adjustments, corporation accounting, management accounting and not-for-profit accounting are studied. This course introduces QuickBooks accounting software.

Students may articulate this class with State Fair Community College to earn three hours of articulated credit.

Prerequisite: C in Accounting I.

PERSONAL FINANCE (Required by all students)

Grades 11-12 ½ credit

Understanding and managing personal finances are key to one's future financial success. This one-semester course is based on the Missouri Personal Finance Competencies and presents essential knowledge and skills to make informed decisions about real world financial issues. Students will learn how choices influence occupational options and future earning potential. Students will also learn to apply decision-making skills to evaluate career choices and set personal goals. The course content is designed to help the learner make wise spending, saving, and credit decisions and to make effective use of income to achieve personal financial success.

INTRODUCTION TO PERSONAL FINANCE-SEE *COLLEGE NOW*

Grades 11-12 ½ credit

BADM 107*-Personal Finance*

Three hours of college credit are available from SFCC for BADM 107 for students who meet eligibility requirements.

MARKETING DYNAMICS

Grades 9-12 1 credit

The Marketing Dynamics program provides students with an in-depth look at the different areas of marketing. Students will explore market segmentation, market research, international marketing, product branding, packaging and labeling. Students will create business cards, billboards, magazine ads, radio, and television advertisements. In addition, students will learn how to develop headlines, copy, illustrations and business identifications. They will plan, develop, and implement advertisements for print and broadcast media. If you like being creative, this is the course for you!

MICROCOMPUTER APPLICATIONS

Grades 10-12 ½ credit

CAPP 125-*Microcomputer Applications*

Three hours of college credit are available from SFCC for CAPP 125-Microcomputer Applications for jr. and sr. students who meet eligibility requirements.

The study of Microsoft Office 2016 software is covered in depth. Applications include fundamentals of spreadsheets, word processing, databases, and presentation software. Using Word, students will create fliers, letters, resumes, and application letters. During Excel instruction, numerical data will be used to prepare and generate charts. Access is used to organize data into tables and produce reports. Powerful and colorful presentations will be prepared and delivered incorporating text and the latest features of PowerPoint.
Prerequisites: Independent Study only and Instructor Approval

INTRODUCTION TO BUSINESS-*SEE COLLEGE NOW*

Grades 11-12 ½ credit

BADM 101*-Introduction to Business*

Three hours of college credit are available from SFCC for BADM 101 for students who meet eligibility requirements

INFORMATICS

BUSINESS INFORMATICS

Grades 10-12 1 credit
(Grade 9 with teacher approval)
Students in this project based learning course will work collaboratively in teams to tackle real-world industry problems such as product sales and database security. Business Informatics will challenge students to use Microsoft Excel and Access to create systems to collect, store, and analyze data from a variety of commercial sales products. For example, students will analyze data provided by Bath and Body Works to design a spreadsheet application that tracks store inventory. Other project examples include projecting company future sales, customer buying habits, and inventory management.
Prerequisite: Computer Applications or concurrent enrollment in computer apps.

COMPUTER INFORMATION TECHNOLOGIES

Certificate will be awarded after the successful completion of any four credits.

COMPUTER SCIENCE & SOFTWARE ENGINEERING (CSE) PLTW

Grades 9-12 1 credit

This course teaches students how to solve problems using computational thinking and skills. CSE introduces students to professional programming languages and platforms and encourages students to use these tools to discover, collaborate, and create. Using Python and other languages, students develop their own app, create dynamic websites, and construct their own graphical user interface. (**PLTW**)
Students may articulate CSE with State Fair Community College to earn up to three hours of articulated credit.

COMPUTER SCIENCE APPLICATIONS (CSA) PLTW

Grades 10-12 1 credit

Computer Science Applications will teach students how to diagnose, repair, build, and setup computers, laptops, and other devices. A knowledge base is built upon the CompTIA industry standards and application of skills via labs will be used regularly. Students will be installing operating systems,

updating drivers, replacing components, removing viruses, and numerous other objectives related to the field of computers. Students interested in becoming computer technicians or students that have an interest in building or learning computer hardware will enjoy this course. CSA offers students the opportunity to learn about networking from a hardware and software level. Networking will delve into creating networks by learning how to create the cables, setup switches and routers, installing and maintaining a server, learning protocols and security features, and many other related objectives. Focus is put on troubleshooting and managing the network in addition to its setup. The classroom has its own server, router, switch, printer, and workstations.
Prerequisites: Algebra I and Computer Applications
Students may articulate this class with State Fair Community College to earn up to six hours of articulated credit.

ROBOTIC ENGINEERING

Grades 10-12 1 credit

Electronics is an introduction into the concepts and theories behind electrical circuitry and hardware design. Students will learn the mathematics and formulas associated with the field of electronics and then apply that knowledge by understanding and building circuits. The course offers an opportunity to learn soldering, computer software design, and component interaction related to electronics. Examples of content covered are circuit boards, capacitors, resistors, ROM, 7-segement displays, timers, and breadboards.
Robotics will apply the knowledge gained into real world environments related to designing and building robots. An emphasis is placed on creativity, problem solving, and critical thinking. Students will build robots, code artificial intelligence, and solve task oriented problems with the robot. Focus will be placed on general robotic knowledge in addition to the hands on approach to learning about the field of robotics. Each student will have opportunities to take electronics from knowledge to application in relation to personal or industrial robotics. A yearly robotic competition will also be a milestone that students can take advantage of by applying their skills and knowledge.
Prerequisites: Algebra I and Computer Applications
(10th graders allowed with teacher approval)

DESIGN DRAFTING/ PRE-ENGINEERING

INTRODUCTION TO ENGINEERING DESIGN (IED) I AND II PLTW

Grades 9-12 1 credit

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3-D modeling software and use an engineering notebook to document their work.

Students may articulate this class with State Fair Community College to earn up to six hours of articulated credit.

Prerequisite for IED II: IED I and teacher approval.

PRINCIPLES OF ENGINEERING (POE)

PLTW

Grades 10-12 1 credit

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. Technical skills include calculating electrical circuits, writing program code, converting electrical energy, building and programming robots, and modifying hardware and software.

Prerequisites: C or better in IED

CIVIL ENGINEERING & ARCHITECTURE (CEA) PLTW

Grades 9-12 1 credit

Civil engineers and architects design, build, and protect the infrastructure that modern society depends on. This course will introduce students to the planning, designing, surveying, and construction of today's infrastructure such as bridges, houses, dams, highways, and more. Opportunities for students to develop skills through projects, the latest CAD systems, and cutting edge survey equipment will be presented. Examples of projects include: building models of balsa wood bridges and testing them for strength, surveying, topographic models, and drawing house plans and topographic surveys.

Students may articulate this class with State Fair Community College to earn three hours of articulated credit.

3Ds ANIMATION I AND II

Grades 9-12 1 credit

You will use 3ds Max software to visualize virtual reality designs such as buildings and machines. You will transfer designs created in other programs into 3ds MAX to add lighting and materials then render to still image or movie format. Prepare to be entertained and fascinated by the awesome power at your fingertips. With 3ds Max you can create 3D places and characters, objects and subjects of any type. You can arrange them in settings and environments to build the scenes for your movie or visualization. You can animate the objects and characters, set them in motion, make them speak, sing and dance or kick and fight.
Recommendations: Computer Applications
Prerequisites: 3Ds Animation I and teacher approval.
Students may articulate this class with State Fair Community College to earn three hours of articulated credit.

GRAPHIC COMMUNICATION/ DIGITAL MEDIA

Certificate will be awarded after completion of at least four credits.

DESKTOP PUBLISHING

Grades 9-12 ½ credit

If you're intrigued by the design of print media then this class is for you. Challenge your creativity. Incorporate typography and design principles into visual communications. Design real world projects such as logos, magazine covers, advertisements, newsletters and posters. You'll use Microsoft Publisher, Adobe InDesign (for page layout and design), and create vector art using Adobe Illustrator, the required tools of professional graphic designers.

ADOBE PHOTOSHOP

Grades 9-12 ½ credit

Are you ready to let your imagination soar? Prepare to take your ideas into the world of digital photography. Adobe Photoshop is a semester course designed to teach skills and concepts needed to design and edit computer graphics and images into digital artwork. Students will take pictures and concentrate on graphic manipulation. Learn to enhance your pictures with image editing, retouching, and color correcting. This is a great class for the student interested in advertising, journalism, marketing, web design, and desktop publishing.

DIGITAL VIDEO PRODUCTION

Grades 9-12 ½ credit

How do they render the special effects in the latest movies? How is mood developed in short films? What techniques are used when encoding video onto DVDs? Find out as you work with cutting edge hardware and software to let your imagination come

to life digitally. Learn to manipulate audio in Audition as you record your own voice to use in projects. Use Adobe Photoshop, Premiere and Audition to produce commercials, short films and more! Students must possess strong file management skills as well as being able to work on multiple projects at one time. Be prepared to be behind the camera as well as in front of it.

TECHNOLOGY SOLUTIONS

Grades 11-12 1 credit

Ideal for students wanting to further their experience in the digital media and graphic design career field. This is a capstone class which will combine skills learned throughout high school. Students will perform real world projects for clients using a vast array of technology and design skills. Taught in a creative atmosphere allowing students to gain insight into their own abilities to acquire and use information, solve problems and develop valuable experiences. Students interested in design will create a wide array of products in a profession-based learning environment. A professional portfolio illustrating their creative talents will be completed. Areas of exploration will be graphic design, digital photography, animation, audio production, video production, vinyl cutting, and web development.

DIGITAL MEDIA: APPS IN THE CLOUD

Grade 9-12 ½ credit

Students will explore browser apps, vidcasts and online digital storytelling tools. Work in "the cloud" to use and share word processing, spreadsheet and presentation files. Use basic image, audio and video resources for online digital media. Discussion points include ethical issues, online safety and social networking tools.

DIGITAL PHOTOGRAPHY

Grades 9-12 ½ credit

Operate a digital camera, compose photographs, set up lights for studio portraits and arrange and capture still life images. Use computers with Adobe Photoshop software to manipulate photo images. Students will merge images from other photographs, change colors, restore damaged pictures, enhance and correct colors and enrich and improve image quality.

Prerequisite: Adobe Photoshop

HEALTH OCCUPATIONS

MEDICAL TERMINOLOGY

Grades 9-12 ½ credit

Develop an understanding of the language of medicine and enhance professional communication used in health care environments. The course provides the basic principles in the development of medical terms through the study of prefixes, word roots, and suffixes. Emphasis is on anatomy and physiology of each body system, as well as diseases related to each system. Individually, students create a model of the body structures using modeling clay and a miniature skeleton to solidify comprehension of the body systems. Field trips and observations will enhance student awareness of various medical facilities and health careers.

HEALTH OCCUPATIONS

Grade 11-12 (preference to grade 12) 3 credits

Health Occupations is a one year career-driven, college bound course for the student interested in the healthcare field. Health Occupations gives you the opportunity to explore and observe first hand; dentists, dieticians, lab technicians, physical therapists, nurses and other health professionals that work together as a team. Students learn about the health care delivery system, proper communication and observation skills, medical terminology, basic anatomy and physiology, life stages and essential health care procedures. All students will become CPR certified and will be able to obtain vital signs by the completion of the course. Clinical experiences and observations are provided in various healthcare facilities such as hospitals, nursing homes, doctors' offices, health departments and veterinary clinics. Students are required to

purchase a uniform, nametag, TB test, criminal background check and immunizations. Students are required to join the student organization SkillsUSA.

Students may articulate this class with State Fair Community College to earn five hours of articulated credit.

INDUSTRIAL & ENGINEERING TECHNOLOGY

AUTOMOTIVE TECHNOLOGY I & II

Grades 11-12 3 credits

In this hands-on program in the transportation pathway, students will learn to make quick and accurate diagnosis and will then utilize the state of the art tools and equipment for repair and/or service. Our lab is set up to reflect the proper safety and service procedures found in contemporary auto service centers. Instruction is provided by an ASE certified instructor, the curriculum is approved by Automotive Service Excellence (ASE). Service and/or repair of the following automotive systems will be carried out by the student: Engine Repair, Suspension and Steering, Brakes, Electrical and Electronic Systems, Heating and Air Conditioning, and Engine Performance. The Automotive Technology Program is designed to provide students with the fundamental skills necessary to become an entry-level automotive service technician or to advance onto college training.

POWER SPORTS TECHNOLOGY

INTRODUCTION TO POWER SPORTS TECHNOLOGY

Grades 9-12 1 credit

This introductory course is for students interested in Power Sports and Power Equipment repair careers. Students will learn shop safety skills, basic tool identification and use, operation, and basic repair and maintenance of power sport and outdoor equipment (ie engines for lawn mowers, go-cart engines, mini-bikes, weed eaters, blowers, etc.)

POWER SPORTS TECHNOLOGY

Grades 10-12 1 credit

This course is for students that enjoyed the Intro. to Power Sports Technology course. Students will continue to learn in-depth repair and maintenance procedures. Actual work from customers will be used to challenge students as they diagnose and repair equipment.

Prerequisite: C or better in Intro. to Power Sports Technology

CONSTRUCTION TRADES

INTRODUCTION TO CONSTRUCTION TRADES

Grades 9-12 1 credit

The construction industry is in desperate need of skilled workers to enter their high wage field. Gain a beginner's knowledge through a hands-on practice of the different areas within the construction trades. Experiences may include sketching floor plans, floor and was construction, sheetrock installation, laying ceramic tile, house wiring, plumbing, and woodworking. This course will also prepare you to enter the Building Trades' block program at ECC where you will build a home in the Eldon area.

BUILDING TRADES I & II

Grades 11-12 3 credits

This program provides a wide range of skills and experiences through completion of a residential home project in the Eldon area. Students learn how the building industry works, what its standards are and the necessity to function as a team with other workers to complete a project on time and at a predetermined cost. In addition, experiences in the areas of residential wiring and residential plumbing are provided. Students learn building codes, site selection and layout, building materials and estimating construction costs, footings and foundations, frame construction, wiring, plumbing, deck construction, door and window installation, siding installation, brick and masonry construction and other related construction procedures. After completion of the program opportunities are available in union apprenticeship programs such as:

carpentry, masonry, interior paining, ceramic tile installation, electrical, heavy equipment operation and others. All students are required to participate in the technical student organization, SkillsUSA, by providing a $15.00 membership fee.

Prerequisite: C or higher in Building Trades I in order to take Building Trades II.

Students may articulate Building Trades I & II classes with State Fair Community College to earn up to six hours of articulated credit.

LAW ENFORCEMENT SERVICES

LAW ENFORCEMENT

Grades 9-12 1 credit

**Incoming freshmen must complete an application process to be accepted into the program.

This class is a pre/co-requisite for Patrol Procedures and/or Criminal Investigations. This course introduces students to professions in law enforcement. Students will examine roles and responsibilities of police, courts, and corrections. Law Enforcement is an overview of the history, organization, and functions of local, state, and federal law enforcement. This course also provides students with an overview of the skills necessary for careers in law enforcement. Students will learn the basic tools of report writing, crime scene investigations, laws, radio procedures, courts and corrections.

PATROL PROCEDURES
(Offered 2017-18 school year)

Grades 9-12 2 credits

This course is the in-depth examination of a law enforcement officer's duties, functions, and responsibilities, as well as a variety of other practical aspects. These include, but aren't limited to, vehicle stops, traffic enforcement, pedestrian checks, officer safety issues, bias crimes, and other duties as they relate to the basic patrol function. Time will be spent conducting physical training as the law enforcement field is physically demanding.

CRIMINAL INVESTIGATIONS
(Offered 2018-19 school year)

Grades 9-12 2 credits

This course is designed to teach the fundamentals of investigations, crime scene search, collection of physical evidence, sources of information, interviews and interrogation, follow-up, and case preparation. The course focuses on investigation of property crimes, homicide investigation, crimes against children and other miscellaneous crimes. This course is also designed to give fundamental information that serves as an overview of the entire law enforcement field. Time will be spent conducting physical training as the law enforcement field is physically demanding.

INTRODUCTION TO LAW ENFORCEMENT

Grades 11-12 ½ credit

CJ 101-*Introduction to Law Enforcement*

Three hours of college credit available from SFCC for CJ 101 students successfully completing Law Enforcement and Patrol Procedures.

CJ 101 examines the history of policing in the United States and an overview of the relationship between law enforcement and the American society. It includes an examination of the duties of law enforcement officers, the operations of police agencies, police-community relations, the police subculture, and the need for police objectives to conform to constitutional procedures.

INTRODUCTION TO CRIMINAL JUSTICE

Grades 11-12 ½ credit

CJ102-*Introduction to Criminal Justice*

Three hours of college credit available from SFCC for CJ 102 students successfully completing Law Enforcement and Criminal Investigations.

CJ 102 examines the history, development and function of the criminal justice system in America. It will examine the three major components of the system: police, courts and corrections, as well as their interrelationships.

PRE-EDUCATION

CHILD PSYCHOLOGY

Grades 9-12, Priority given to 9-10 ½ credit

Child Psychology is an intensive course which provides an overview of the process of development and psychology from prenatal through puberty. It provides an understanding of the developmental process by examining the areas of biological changes, personality and social development, cognitive and moral development, and psychosocial influences. The impacts of cultural factors upon development are also explored. This course is geared for those that are going into the human services career path, with a focus on future educators, but other occupations as well. **This is a reading/presentation intensive class.**

ADOLESCENT PSYCHOLOGY

Grades 9-12 ½ credit

Adolescent Psychology is an intensive course in which students will study human development and psychology from puberty to young adulthood. They will examine the adolescent in terms of biological, cognitive, social, and emotional domains. Normal development will be emphasized, but special issues will be investigated. The impact of cultural factors will be explored. This class is an intensive study that is geared toward students who are interested in the human services career path, with a focus on future educators, but other occupations as well. **This is a reading/presentation intensive class**.

ECC ARTICULATED PROGRAMS

The following programs at Eldon Career Center have articulated with programs at State Fair Community College. The column on the left is the list of ECC programs and the column on the right lists the State Fair Community College programs that can be articulated. In order for the student to receive articulated credit they must:

1. Meet the program prerequisites as established by State Fair and stated in the college catalog.

2. Students shall have earned grades of "B" or better in all Career Center coursework and mastered all competencies.

3. Students recommended for credit by the Career Center instructor, counselor or director on the "Articulated Credit Recommendation" form.

4. Students must enroll at State Fair within one year of high school graduation (traditional students) or within one year of completion of an adult program (non-traditional students)

CAREER PATHS - Career paths are clusters of occupations/careers that are grouped because many of the occupations in them share similar interests and strengths. All paths include a variety of occupations that require different levels of education and training. Selecting a career path provides a student with an area of **FOCUS**, along with **FLEXIBILITY** and a **VARIETY** of ideas to pursue.
Career Paths are for **ALL STUDENTS**. By selecting a career path, the student can prepare for the future, regardless of interests, abilities, talents, or desired level of education. All paths have equal dignity.

Deciding on a career path can help the student prepare for the future. The intent is not to decide on a specific occupation for the rest of the student's life, but to select a career path in which one can begin directing his/her energies. Identifying a career path can help in selecting school courses, activities, and part-time employment.

A career path choice is not a permanent commitment. As the student has new experiences and learns new things about oneself, the career path may change. If the student decides on a new career path he/she should discuss it with the counselor and adjust future course selections in accordance with the new career direction.

DESCRIPTION OF CAREER PATHS

Arts and Communications

Occupations in this career path are related to the humanities and the performing, visual, literary, and media arts. These may include architecture, interior design, creative writing, fashion design, film, fine arts, graphic design and production, journalism, languages, radio, television, advertising, and public relations.

Business, Management & Technology

Occupations in this path are related to the business environment. These may include entrepreneurship, sales, marketing, computer information systems, finance, accounting, personnel, economics, and management.

Health Services

Occupations in this path are related to the promotion of health and the treatment of disease. These may include research, prevention, treatment, and related technologies.

Human Services

Occupations in this path are related to economic, political, and social systems. These may include education, government, law and law enforcement, leisure and recreation, military, religion, childcare, social services, and personal services.

Industrial and Engineering Technology

Occupations in this path are related to the technologies necessary to design, develop, install, and maintain physical systems. These may include engineering, manufacturing, construction, services, and related technologies.

Natural Resources/Agriculture

Occupations in this path are related to agriculture, the environment, and natural resources. These may include agriculture sciences, earth sciences, environmental sciences, fisheries, forestry, horticulture, and wildlife.

Articulated and Dual Credit
Eldon Career Center and State Fair Community College

ECC Course	SFCC CRN	SFCC Course Title	Credit Hours
ARTICULATED CREDIT			
Accounting II	ACCT 109	Applied Accounting Procedures	3
Advanced Anim. Sci.	AGRI 108	Animal Science	3
Greenhouse Mgmt.II	AGRI 129	General Horticulture	3
Ag Business	AGRI 132	Ag Economics	3
Intro to Eng. Dsn.I	EDT 105	Print Reading for Construction	3
Arch 3D I	EDT 120	Architectural Design	3
Arch 3D II	EDT 125	Architectural Applications	3
Intro to Eng. Dsn. I	EDT 130	Manufacturing Design I	3
Intro to Eng. Dsn. II	EDT 132	Manufacturing Design II	3
3Ds Animation	EDT 155	3 D Visuals	3
Building Trades I	CNST 145	Construction Methods I	3
Building Trades II	CNST 146	Construction Methods II	3
Health Occupations	HEOC 120	Medical Terminology I	3
Health Occupations	NURS 114	Fundamentals I	2
Comp Sci & Soft Eng.	NET 102	Networking Essentials	3
Comp Sci Applicat.	NET 140	PC Hardware	3
Comp Sci Applicat.	NET 142	PC Operating Systems	3
DUAL CREDIT			
Intro to LE	CJ 101	Intro. to Law Enforcement	3
Intro to CJ	CJ 102	Intro to Criminal Justice	3
Microcomputer Applic.	CAPP 125	Microcomputer Applic.	3