PALO VERDE COLLEGE

Curriculum Pending Board of Trustees Approval

Approved by the Curriculum Committee on May 8, 2014
Board of Trustees Meeting June 10, 2014

NEW COURSES

AGR 080 - Pesticide Safety
- Approved for: F2F
- Prerequisites: N/A
- Units: 1

Course Description: Pesticide training for individuals who handle and use chemical pesticides.

AGR 120 - Soil Science
- Approved for: F2F
- Prerequisites: N/A
- Units:3

Course Description: This course provides a basic knowledge of the physical, chemical, and biological properties of soils and their characteristics. Included are fundamental soil properties, soil-plant relationships, soil formation, fertilization and soil management, salinity, pH, erosion management, soil moisture, and non-agricultural uses.

AGR 140 - Principles of Plant Science
- Approved for: F2F
- Prerequisites: N/A
- Units: 4

Course Description: An introduction to plant science that examines agricultural, forest, landscape, and other significant uses of plants. Included are structure, growth processes, propagation, physiology, genetic improvement and biotechnology, ecology, soil environment, biological competitors and symbionts of plants. The production, harvest, and utilization of the principle crops grown in California will be included. Laboratory work is required that introduces horticultural techniques.

AGR 170 - Principles of Entomology
- Approved for: F2F
- Prerequisites: N/A
- Units: 3

Course Description: This course covers the principles of the classification, identification, anatomy, physiology, ecology, management, and collecting of arthropods, with emphasis on those of importance to agriculture.

BCT 117 - Residential Plumbing Theory
- Approved for: CE
- Prerequisites: N/A
- Units: 3

Course Description: This course is designed to introduce the student to the calculations and technology involved in the design of a residential plumbing installation. The student will become familiar with the building codes and local regulations of the plumbing industry as set forth in the Uniform Building Codes. The areas addressed will include blueprint reading, math formulas, rough plumbing installation, finish plumbing, water heater theory, and fixtures and faucets.

FST 090 - Pre-Service Academy

- Approved for: F2F
- Prerequisites: Students must have parental/guardian consent per sponsoring agency policy.
- Units: 0.25-12

Course Description: This course is designed to provide the Fire Science Cadets with an overview of basic fire science technology. The course will focus on fire department organization, rules and regulations, emergency medical services, hose evolutions, ladder evolutions, breathing apparatus, auto extrication, and truck company operations and tools. Students must have parental/guardian consent per sponsoring agency policy. This course may be offered Credit/No Credit.

FST 113 - Fire Control 6 Wildland Firefighting Essentials

- Approved for: F2F
- Prerequisites: Must be employed as a first responder or have instructor approval.
- Units: 0.75

Course Description: This course provides information, methods, and techniques for the utilization of the California Fire and Rescue Mutual Aid Plan, Incident Command System, wildland firefighting strategy and tactics, structure triage, terminology, survival skills and operating safely in a wildland fire-fighting incident. Must be employed as a first responder or have instructor approval.

FST 241 - Fire Investigation 1A: Fire Origin and Cause Determination

- Approved for: F2F
- Prerequisites: N/A
- Units: 2

Course Description: This course provides the participants with an introduction and basic overview of fire scene investigation. The focus of the course is to provide information on fire scene indicators and to determine the fire's origin.

FST 242 - Fire Investigation 1B: Techniques of Fire Investigation

- Approved for: F2F
- Prerequisites: FST 241 Fire Investigation 1A
- Units: 2

Course Description: This course provides a deeper understanding of fire investigation and builds on FST 241 Fire Investigation 1A. Topics include the juvenile fire setter, report writing, evidence preservation and collection, interview techniques, motives, and fire fatalities.

FST 243 - Fire Investigation 2A: Criminal and Legal Procedures

- Approved for: F2F
- Prerequisites: FST 241 Fire Investigation 1A and FST 242 Fire Investigation 1B
- Units: 2

Course Description: This course provides information on conducting an explosive investigation and a surveillance operation, preparing a search warrant, testifying as an expert witness, assembling a curriculum vitae, and properly documenting a criminally caused fire. In addition, each student will be assigned to an investigative team to conduct an investigation of their own criminally caused fire. During this practical exercise, each team will be required to conduct the scene investigation, properly collect and document supportive evidence, prepare their written case report, and present their finding to a district attorney and a judge to review.

FST 244 - Fire Investigation 2B: Field Case Studies

- Approved for: F2F
- Prerequisites: FST 241, FST 242 and FST 243
- Units: 2

Course Description: This course provides advanced instruction in fire scene investigation, case preparation, and courtroom presentation. Topics include review of fire scene photography, sketching, evidence collection, interviewing and interrogation, and extensive use of simulations for developing and presenting an arson case.

SUBSTANTIAL CHANGE COURSES

ENG 081 - Basic Writing I

- Approved for: F2F
- Prerequisites: Prerequisite: Students must meet the prerequisite by one of the following options: 1. ENG 080 and ENG 089 taken concurrently or 2. Placement via the testing process Corequisite: ENG 087 Note: Students must take ENG 081 and ENG 087 during the same semester and earn a grade of "P" in both courses before enrolling in the next level of English.
- Units: 3

Course Description: English 081 is a continuation of the developmental English series, designed for students needing practice in writing. The course covers: 1) grammar and punctuation essential to effective writing; 2) vocabulary development; and 3) writing practice, particularly in writing paragraphs and short essays. Grammar skills will be developed in the context of writing and critical analysis of texts. There is a minimum writing requirement of 2500 words for the course, composed of both in-class and out-of-class writing. Credit for this course shall not be used to satisfy English requirements for graduation from Palo Verde College. Grade is Pass/No Pass.

ENG 082 - Basic Writing II

- Approved for: F2F
- Prerequisites: Prerequisite: Students must meet the prerequisite by one of the following options: 1. ENG 081 and ENG 087 taken concurrently or 2. ENG 095 or 3. Placement via the testing process Corequisite: ENG 088 Note: Students must take ENG 082 and ENG 088 during the same semester and earn a grade of "P" in both courses before enrolling in the next level of English.
- Units: 3

Course Description: English 082 is a continuation of the developmental English series, designed for students needing further practice in writing. The course covers: 1) grammar and punctuation essential to effective writing; 2) vocabulary development; and 3) writing practice, particularly in writing essays. Grammar skills will be developed in the context of writing and critical analysis of texts. There is a minimum writing requirement of 3500 words for the course, composed of both in-class and out-of-class writing. Credit for this course shall not be used to satisfy English requirements for graduation from Palo Verde College. Course is graded Pass/No Pass.

ENG 087 - Supplemental Instruction for Basic Writing I

- Approved for: F2F
- Prerequisites: Prerequisite: Students must meet the prerequisite by one of the following options: 1. ENG 080 and ENG 089 taken concurrently or 2. Placement via the testing process Corequisite: ENG 081 Note: Students must take ENG 081 and ENG 087 during the same semester and earn a grade of "P" in both courses before enrolling in the next level of English.
- Units: 1

Course Description: ENG 087 must be taken concurrently with ENG 081 and provides additional writing instruction and practice in a lab environment. Students must pass both ENG 087 and ENG 081 to meet the prerequisite for ENG 082. Pass/No Pass only.

ENG 088 - Supplemental Instruction for Basic Writing II

- Approved for: F2F
- Prerequisites: Prerequisite: Students must meet the prerequisite by one of the following options: 1. ENG 081 and ENG 087 taken concurrently or 2. Placement via the testing process Corequisite: ENG 082 Note: Students must take ENG 082 and ENG 088 during the same semester and earn a grade of "P" in both courses before enrolling in the next level of English.
- Units: 1

Course Description: ENG 088 must be taken concurrently with ENG 082 and provides additional writing instruction and practice in a lab environment. Students must pass both ENG 088 and ENG 082 to meet the prerequisite for ENG 099. Pass/No Pass only.

ENG 095 - Writing Improvement I

- Approved for: CE
- Prerequisites: Prerequisite: Students must meet the prerequisite by one of the following options: 1. ENG 080 and ENG 089 taken concurrently or 2. Placement via the testing process
- Units: 3

Course Description: English 095 is a continuation of the developmental English series, designed for students needing practice in writing. The course covers: 1) grammar and punctuation essential to effective writing; 2) vocabulary development; and 3) writing practice, particularly in writing paragraphs and short essays. Grammar skills will be developed in the context of writing and critical analysis of texts. There is a minimum writing requirement of 2500 words for the course, composed of both in-class and out-of-class writing. Credit for this course shall not be used to satisfy English requirements for graduation from Palo Verde College. Grade is Pass/No Pass.

RDG 084 - Beginning Reading with Laboratory

- Approved for: F2F
- Prerequisites: Placement or RDG 082
- Units: 3.25

Course Description: RDG 084 is a continuation of the developmental reading series designed to prepare basic skills students for college reading. In this course, students practice a reading process to enhance literacy by reading essays, articles and feature length books. The course emphasizes topics such as main ideas, supporting details, inferences, critical thinking, vocabulary, and study skills to increase comprehension. It has an attached class lab. To pass the course, the student must successfully complete both coursework and lab work during the same semester. Credit for this course shall not be used to satisfy English requirements for graduation from Palo Verde College. The course grade is pass/no pass.

RDG 086 - Intermediate Reading with Laboratory

- Approved for: F2F
- Prerequisites: Placement or RDG 084
- Units: 3.25

Course Description: RDG 086 is a continuation of the developmental reading series designed for students who need further practice in college reading. The course develops metacognitive reading strategies, builds vocabulary and word knowledge, and strengthens literacy skills by integrating reading with writing. It has an attached class lab. To pass the course, the student must complete both coursework and lab work during the same semester. Credit for this course shall not be used to satisfy English requirements for graduation from Palo Verde College. The course grade is a letter grade, with an option for pass/no pass.

RDG 094 - Beginning Reading

- Approved for: CE
- Prerequisites: Placement or RDG 082
- Units: 3

Course Description: RDG 094 is a continuation of the developmental reading series designed to prepare basic skills students for college reading. In this course, students practice a reading process to enhance literacy by reading essays, articles and feature length books. The course emphasizes topics such as main ideas, supporting details, inferences, critical thinking, vocabulary, and study skills to increase comprehension. Credit for this course shall not be used to satisfy English requirements for graduation from Palo Verde College. The course grade is pass/no pass.

FST 086 - Explorer Academy

- Approved for: F2F
- Prerequisites: Students must have parental/guardian consent per sponsoring agency policy.
- Units: 0.25-12

Course Description: This course is designed to provide the Fire Science Scout with an overview of basic fire science technology. The course will focus on fire department organization, rules and regulations, emergency medical services, hose evolutions, ladder evolutions, breathing apparatus, auto extrication, and truck company operations and tools. Students must have parental/guardian consent per sponsoring agency policy. This course may be offered Credit/No Credit.

FST 102 - Introduction to Fire Science

- Approved for: F2F
- Prerequisites: N/A
- Units: 3

Course Description: This course will prepare students for an entry level career in the fire science field by providing them with the knowledge of the subject matter necessary for a fire service career. It will enable the student to decide which career path in fire protection or prevention, both public and private, is most suitable for them. This course may be offered as Credit/No-Credit.

FST 115 - Fire Apparatus Driver/Operator 1A: Emergency Vehicle Operations

- Approved for: F2F
- Prerequisites: Advisory: FST 140
- Units: 1.5

Course Description: This course provides the student with information on driver responsibilities, recognized standards, and related laws for fire apparatus. Topics include basic inspections, documentation, maintenance, and troubleshooting fire apparatus, and techniques on driving and positioning fire apparatus. Each student also has the opportunity to increase his or her driving skills during simulated driving conditions.

Note: Enrollment in this course requires fire apparatus driving experience on a public way. Option 1: Signed verification from the Fire Chief (form is on the SFT website); or Option 2: California Class B driver's license, fire fighter restricted; or Option 3: California Class A, B, or C driver's license, fire fighter endorsed

FST 116 - Fire Apparatus Driver/Operator 1B Pump Operations

- Approved for: F2F
- Prerequisites: Prereq: CA DL, Class A, B or C, with a fire fighter endorsement, Advi: FST 140
- Units: 1.5

Course Description: This course provides the student with information on pump construction and theory of pump operations. Topics include methods for performing basic hydraulics and techniques on basic inspections, documentation, maintenance, and troubleshooting fire pumps. Each student also has the opportunity to increase his or her pumping skills during simulated pumping conditions.

NON-SUBSTANTIAL CHANGE COURSES

CHD 101- Child Growth and Development (formerly CHD 201)

- Approved for: F2F, CE, DE
- Prerequisites: N/A
- Units: 3

Course Description: This course examines the major physical, psychosocial, and cognitive/language developmental milestones for children, both typical and atypical, from conception through adolescence. There will be an emphasis on interactions between maturational processes and environmental factors. While studying developmental theory and investigate research methodologies, students will observe children, evaluate individual differences and analyze characteristics of developmental at various stages.

CHD 102 - Child, Family and Community (formerly CHD 125)

- Approved for: F2F, CE, DE
- Prerequisites: N/A
- Units: 3

Course Description: An examination of the developing child in a societal context focusing on the interrelationship of family, school and community and emphasizes historical and socio-cultural factors. The processes of socialization and identity development will be highlighted, showing the importance of respectful, reciprocal relationships that support and empower families.

CHD 103 - Introduction to Curriculum (formerly CHD 140)

- Approved for: F2F, CE, DE
- Prerequisites: N/A
- Units: 3

Course Description: This course presents an overview of knowledge and skills related to providing appropriate curriculum and environments for young children from birth to age 6. Students will examine teacher's role in supporting development and fostering the joy of learning for all young children using observation and assessment strategies emphasizing the essential role of play. An overview of content areas will include but not be limited to: Language and literacy, social and emotional learning, sensory learning, art and creativity, math and science.

CHD 104 - Principles and Practices of Teaching Young Children (formerly CHD 210)

- Approved for: F2F, CE, DE
- Prerequisites: N/A
- Units: 3

Course Description: An examination of the underlying theoretical principles of developmentally appropriate practices applies to programs, environments, emphasizing the key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, creative and intellectual development for all children. This course includes a review of the historical roots of early childhood programs and the evolution of the professional practices promotion advocacy, ethics and professional identity.

CHD 105 - Observation and Assessment

- Approved for: F2F, CE, DE
- Prerequisites: N/A
- Units: 3

Course Description: This course focuses on the appropriate use of assessment and observation strategies to document development, growth, play and learning in order to join with families and professionals in promoting children’s success and maintaining quality programs. Recording strategies, rating systems, portfolios, and multiple assessment methods are explored.

CHD 106 - Health, Safety and Nutrition (formerly CHD230)

- Approved for: F2F, CE, DE
- Prerequisites: N/A
- Units: 3

Course Description: Introduction to the laws, regulations, standards, policies and procedures and early childhood curriculum related to child health safety and nutrition. The key components that ensure physical health, mental health and safety for both children and staff will be identified along with the importance of collaboration with families and health professionals. Focus on integrating the concepts into everyday planning and program development for all children.

CHD 107 - Teaching in a Diverse Society

- Approved for: F2F, CE, DE
- Prerequisites: N/A
- Units: 3

Course Description: Examination of the development of social identities in diverse societies including theoretical and practical implications of oppression and privilege as they apply to young children, families, programs, classrooms and teaching. Various classroom strategies will be explored emphasizing culturally and linguistically appropriate anti-bias approaches supporting all children in becoming competent members of a diverse society. Course includes self examination and reflection on issues related to social identity, stereotypes and bias, social and educational access, media and schooling.

CHD 108 - Practicum-Field Experience (formerly CHD 240)

- Approved for: F2F, CE, DE
- Prerequisites: Child Development – Associate Teacher Certificate of Career Preparation which includes CHD 101, CHD 102, CHD 103 and CHD 104.
- Units: 3

Course Description: A demonstration of developmentally appropriate early childhood teaching competencies under guided supervision. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Child centered, play-oriented approaches to teaching, learning, and assessment; and knowledge of curriculum content areas will be emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning for all young children.

CHD 120 - Developing Capable Young People

- Approved for: F2F
- Prerequisites: N/A
- Units:3

Course Description: This training course, by H. Stephen Glenn, Ph.D., is a powerful program for preparing adults who work with young people to help them develop the perceptions and skills that determine how effectively people deal with life. Young people who gain strength in these assets normally increase in character, resiliency, and other human intelligences essential for living healthily and successfully, meeting the challenges of life, learning, relationship, and the work world. This course is based on a unique inductive learning model which emphasizes collaboration, unique relationships, and situations so that they can achieve personal mastery.

CHD 130 - Art for Early Childhood

- Approved for: F2F, DE
- Prerequisites: N/A
- Units: 3

Course Description: This course is an introductory study of the function of creativity and the affective domain in early childhood educational programs. Emphasis is placed on the development of art curriculum activities, basic teaching skills, guidance techniques, equipment and materials. Students select appropriate activities for a variety of age and maturity levels based on child development theories and concepts.

CHD 131 - Music for Early Childhood (CHD 235)

- Approved for: F2F, DE
- Prerequisites: N/A
- Units: 3

Course Description: This course will provide the student with basic skills and techniques for using instruments, records, songs, and rhythmic movement with young children. Creation of a curriculum to utilize the child's need for a balance of musical activities appropriate to his development will be explored. Previous music experience not required.

CHD 135 - Literature for Early Childhood

- Approved for: F2F, DE
- Prerequisites: N/A
- Units:3

Course Description: Students will explore techniques for promoting language development the preschool child. The development of a reading readiness curriculum for preschool-age children will be discussed as students plan environments that incorporate language across the curriculum and throughout the day. Students will survey children's books and literature and practice storytelling techniques.

CHD 145 - Child Abuse and Neglect

- Approved for: F2F, CE, DE
- Prerequisites: N/A
- Units: 3

Course Description: This course provides an overview of child abuse and neglect, from both historical and contemporary perspectives. Topics include physical and emotional abuse and neglect, sexual abuse, reporting and investigation, case management and the legal response, treatment for victims and abusers, and prevention of future child abuse and neglect. This course would be an asset for clinicians, teachers, case workers and individuals that work with children. Students will examine related news topics and an in-depth case study as part of course requirements.

CHD 150 - Infants and Toddlers (formerly CHD 220)

- Approved for: F2F, DE
- Prerequisites: N/A
- Units: 3

Course Description: Examines the physical, social, emotional, and intellectual growth of the child including the atypical infant. Discusses the selection and maintenance of toys and play equipment for indoor and outdoor environments. Appropriate observations and visitations to the community will be required.

CHD 205 - Adult Supervision: Mentoring in a Collaborative Learning Setting

- Approved for: F2F, DE
- Prerequisites: N/A
- Units: 3

Course Description: This course covers the methods and principles of supervising adults in the early childhood setting. Emphasis is given to the role of experienced teachers and administrators who function as mentors to student teachers and to new staff while simultaneously addressing the needs of children, parents and other staff. This course meets the adult supervision coursework requirement for the Child Development Permit (the Master Teacher, Site supervisor, and the Program director levels).

CHD 215 - Supervision and Administration of Childhood Development Program I

- Approved for: F2F, DE
- Prerequisites: N/A
- Units: 3

Course Description: Introduction to administrative responsibilities of staffing, employee supervision, budgeting, and personnel practices. Organizational and program structure are included as are guidelines governing current child development programs. DS6

CHD 216 - Supervision and Administration of Childhood Development Programs II

- Approved for: F2F, DE
- Prerequisites: N/A
- Units: 3

Course Description: Advanced level of administration and managerial knowledge needed to operate a child care center as a successful business, emphasis upon analysis and application of business theory and principles in the areas of budget, personnel, environmental design, program, and business communications. DS3

CHD 227 - Parenting Principles and Communications

- Approved for: F2F
- Prerequisites: N/A
- Units: 3

Course Description: This is the study of the basic and advanced techniques of positive parenting, including assertive discipline, self-esteem, open communications, support networks, encouraging responsibility, and improved communication skills.

CHD 260 - Digital Learning in the Preschool Classroom

- Approved for: DE
- Prerequisites: N/A
- Units: 3

Course Description: This course is designed specifically for early child development teachers to learn to use the Hatch Early Learning System iStartSmart Tablets and computers in the classroom. TeachSmart is research based and aligned to national standards such as the National Association for the Education of Young Children (NAEYC), Early Childcare Environment Rating Scale (ECERS) and Head Start. Educators and administrators will learn the Report Management System and how to manage digital lesson plans. The program has the ability to integrate both English and Spanish activities into the classroom curriculum. Students will need to have access to a Hatch Tablet and computer to complete the course.

CHD 290 - Selected Studies in Child Development

- Approved for: F2F, CE, DE
- Prerequisites: N/A
- Units: .25-5

Course Description: Group investigation of a special problem in the area of child development. As appropriate, the specific subject will be announced in the Schedule of Courses.

CIS 101 - Introduction to Computers and Information Systems

- Approved for: F2F, CE, DE
- Prerequisites: N/A
- Units: 3

Course Description: This is an introductory course that will provide students with a basic knowledge of computers and information systems. It will also include an extensive overview of state-of-the-art technology, structured design techniques, and the real-world environment of the computer industry, covering hardware, software, and concepts of information systems. This course is especially beneficial for students, teachers, and professionals who are using, or planning to use, microcomputers in personal or business environments.

CIS 123 - Web Page Design Using HTML

- Approved for: F2F, CE, DE
- Prerequisites: N/A
- Units:3

Course Description: This course will provide a practical understanding of HTML (Hypertext Markup Language) to design Web Pages. Notepad and other software tools will be used to teach text formatting commands, background formatting, hyperlinks, e-mail links, tables, forms, image maps, and frames. Students will also learn to create and add images, videos, and sound files to a Web Page.

CIS 124 - Web Page Design Tools

- Approved for: F2F, CE, DE
- Prerequisites: N/A
- Units: 3

Course Description: This course provides the student with the knowledge and skills required to quickly design and implement Web Pages and to administer and update existing Web Sites using Adobe Dreamweaver software. The course uses Dreamweaver to streamline and automate Web Site development and management. Upon completion of this course, the student will be prepared to create powerful websites for personal or professional use.

CIS 248 - Systems Analysis and Design

- Approved for: F2F, CE, DE
- Prerequisites: Recommended: CIS 101-Introduction to Computers
- Units: 3

Course Description: This course discusses the procedures and techniques necessary for implementing a new computer system or modifying an existing computer system. The course addresses both large computing systems and micro-computing systems. Hardware and software considerations are discussed.

CIS 260 - Desktop Publishing

- Approved for: F2F, CE, DE
- Prerequisites: N/A
- Units: 3

Course Description: This course introduces the student to the design and composition of illustrative artwork for desktop publishing, print publishing, and multi-media graphics using Adobe Illustrator. The course consists of a series of lessons that cover the tools and functions of this software. Adobe Illustrator provides a consistent work environment with other Adobe applications.

CIS 265 - Adobe Photoshop

- Approved for: F2F, CE, DE
- Prerequisites: N/A
- Units: 3

Course Description: Acquire, edit, and output simple and complex digital imagery utilizing the tools and techniques of Adobe Photoshop. Emphasis is on the utilization of various techniques in sizing and cropping, color balance, hue and saturation control, shadowing, and text utilization. Students prepare images for printing, web design, and for current outputs for various media.

FST 106 - Auto Extrication

- Approved for: F2F
- Prerequisites: N/A
- Units: 0.50

Course Description: This course provides students with hands-on experience in the procedures and systems utilized during an automobile extrication. Subjects covered include: Auto extrication, types of hand and power tools, removing windows, opening doors, removing roofs, pulling steering wheels, moving foot pedals, raising dashboards, pulling seats, stabilization of vehicles, and simulated rescues of trapped victims. This course may be offered Pass/No Pass.

MAT 081 - Arithmetic Fundamentals

- Approved for: CE
- Prerequisites: Completion of Math 80 with a passing grade OR valid placement score
- Units: 3

Course Description: Modern approach to the fundamental operations of arithmetic: addition, subtraction, multiplication, and division. Considerable attention is given to operations with fractions, decimals, and percentages, and their applications, such as calculation of simple interest.

PHI 100 - Introduction to Philosophy

- Approved for: F2F, CE, DE
- Prerequisites: Eligibility for ENG 99 or equivalent.
- Units: 3

Course Description: The course takes both a survey and a topical approach to the study of philosophy. As such, it has two main goals: to introduce the discipline of philosophy and its subfields, and to introduce philosophical inquiries into the subject of "human nature."

THA 290 - Selected Studies in Theatre Arts

- Approved for: F2F
- Prerequisites: N/A
- Units: .25 - 4

Course Description: Group investigation of a special topic in the area of theatre arts. As appropriate, the specific subject will be announced in the Schedule of Classes.

WEL 120 - Introductory Welding Principles and Practices

- Approved for: F2F, CE
- Prerequisites: N/A
- Units: 3

Course Description: This course provides a general introduction to the discipline of welding technologies and then guides students through various methods and applications of welding. The areas addressed in this course include: Welding Fundamentals, Shielded Metal Arc Welding, Gas Tungsten and Gas Metal Arc Welding, and Arc Cutting. This course will provide real-world scenarios which will help prepare the student for the various welding applications. This course accurately reflects the information and skills needed in today's workplace.

WEL 121 - Resistance Welding and Special Welding Applications

- Approved for: F2F, CE
- Prerequisites: N/A
- Units: 3

Course Description: This course provides a general introduction to the discipline of welding technologies and then guides students through various methods and applications of welding. The areas addressed in this course include: Oxyfuel Gas Processes, Resistance Welding, and Special Processes. This course will provide real-world scenarios which will help prepare the student for the various welding applications. This course accurately reflects the information and skills needed in today's workplace.

WEL 122 - Principles and Practices of Metal Technology and Professional Welding

- Approved for: F2F, CE
- Prerequisites: N/A
- Units: 3

Course Description: This course provides a general introduction to the discipline of welding technologies and then guides students through various methods and applications of welding. The areas addressed in this course include: Oxyfuel Gas Processes, Resistance Welding, and Special Processes. This course will provide real-world scenarios which will help prepare the student for the various welding applications. This course accurately reflects the information and skills needed in today's workplace.

NEW DEGREES/CERTIFICATES

AGRICULTURAL CROP SCIENCE CERTIFICATE OF PREPARATION I		
COURSE	**COURSE TITLE**	**UNITS**
AGR 080	Pesticide Safety	1
AGR 120	Soil Science	3
AGR 140	Principles of Plant Science	4
AGR 170	Principles of Entomology	3
TOTAL REQUIRED UNITS		**11**

Program Learning Outcomes:

1. Demonstrate an understanding of fundamental concepts and knowledge related to the selection, propagation, and management of various plant commodities produced for food, feed, and fiber.

2. Display competency with respect to the use of standard lab, industry equipment, and techniques used in production.

3. Demonstrate understanding of scientific research and critical thinking skills related to hypothesis development and data interpretation as applied to the decision-making process for commercial production.

REVISED DEGREES/CERTIFICATES

Building Construction: Associate of Science

- The following changes were made:
  - Remove from Core course work: ACC 100, Remove BCT 215 and replace with BCT 200, Remove BUS 135 and replace with BCT 201,
  - On Electives "Choose Only One (1) course; Remove BCT 211 and add BCT 220.

		BCT CORE COURSE WORK	REQUIRED
~~ACC~~	~~100~~	~~BASIC ACCOUNTING~~	~~4~~
BCT	100	INTRODUCTION TO BUILDING TRADES	3
BCT	101	ROUGH CARPENTRY	3
BCT	102	ADVANCED FRAMING TECHNIQUES	3
BCT	110	BLUEPRINT READING	3
BCT	112	BASIC ELECTRICITY	3
BCT	113	BASIC PLUMBING	3

BCT	210	INTERIOR TRIM CARPENTRY	3
~~BCT~~ BCT	~~215~~ 200	~~INTRODUCTION TO COMPUTER AIDED DRAFTING~~ CABINETRY I	~~3~~ 3
~~BUS~~ BCT	~~135~~ 201	~~BUSINESS LAW~~ CABINETRY II	~~3~~ 3
BCT	202	FINISHING CABINETRY	3
		CHOOSE <u>ONLY</u> ONE (1) COURSE	
~~BCT~~ BCT BCT	~~211~~ 212 220	~~CONCRETE CONSTRUCTION [OR]~~ MASONRY CONSTRUCTION PHOTOVOLTAIC SYSTEMS	~~3~~ 3 ~~4~~
		TOTAL CORE COURSES	**33-34**

Criminal Justice: Associate of Science

The following changes were made:

- The CRJ 165 course was removed and the CRJ 120 course was added.

		CRJ CORE COURSE WORK	REQUIRED
CRJ	103	♦CRIMINAL LAW	3
CRJ	115	INTRO TO LAW ENFORCEMENT/CORRECTIONS	3
CRJ	125	REPORT WRITING	3
CRJ	130	ALCOHOL, NARCOTICS & DRUG ABUSE	3
~~CRJ~~ CRJ	~~165~~ 120	~~♦ ARREST & FIREARMS~~ COMMUNITY RELATIONS	~~3~~ 3
CRJ	206	LEGAL ASPECTS OF EVIDENCE	3
PSY	101	GENERAL PSYCHOLOGY	3
		Select nine (9) units from the list below:	
CRJ	104	CRIMINAL INVESTIGATION	3
~~CRJ~~	~~120~~	~~COMMUNITY RELATIONS~~	~~3~~
CRJ	132	FAMILY INTERVENTION	3
CRJ	135	SPANISH FOR EMERGENCY SERVICES PERSSONEL [OR]	
SPA	101	ELEMENTARY SPANISH I	3-5

CRJ	155	CRIME SCENE INVESTIGATION	
CRJ	220	INTERVIEWING AND COUNSELING [OR]	
PSY	220	COUNSELING AND INTERVIEWING	3
PSY	210	ABNORMAL PSYCHOLOGY	3
		TOTAL CORE COURSES	**30-32**

Criminal Justice: Certificate of Achievement

The following changes were made:

- The CRJ 165 course was removed and the CRJ 120 course was added.

Course Code	Course Number	Course Title	Units
CRJ	103	Criminal Law	3
CRJ	115	Intro to Law Enforcement/Corrections	3
CRJ	125	Report Writing	3
CRJ	130	Alcohol, Narcotics & Drug Abuse	3
~~CRJ~~ CRJ	~~165~~ 120	~~♦Arrest & Firearms~~ Community Relations	~~3~~ 3
CRJ	206	Legal Aspects of Evidence	3
		Total required	18

<u>COURSES TO BE PLACED ON INACTIVE STATUS</u>

None.

<u>COURSES TO BE DELETED</u>

None.