PALO VERDE COLLEGE

Curriculum for Board of Trustees Approval

(Approved by Curriculum Committee April 12, 2012)
(CHANGES EFFECTIVE FALL 2012 UNLESS NOTED)

DESCRIPTION OF COURSES SECTION

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NEW COURSES:

BUILDING CONSTRUCTION TECHNOLOGY

BCT 220 PHOTOVOLTAIC SYSTEMS
4 units **Course length: 72 hours lecture, 18 hours laboratory**
This course is designed to prepare the student for entry level residential and utility scale photovoltaic installations. Photovoltaic systems will introduce students to basic electrical theory, electrical safety, solar radiation, site surveys, system design and installation, commissioning, and troubleshooting. Students will learn NABCEP's learning objectives. The NABCEP exam will be available for students successfully completing the course. The test will have an additional cost to each student participating.

REVISED COURSES:

ALCOHOL / DRUG STUDIES

ADS 102 PHARMACOLOGY AND PHYSIOLOGICAL EFFECTS OF ADDICTION
3 units Course length: 54 hours lecture
Prerequisite: ***ENG 099 eligibility and*** *ADS 101*
This course examines the effects of alcohol and other chemically altering drugs on behavior and body functions, highlighting impairment to systemic processes. Students will learn the pharmacology and pharmacokinetics of addiction. In addition, they will become familiar with diagnostic procedures and tools used to measure these effects. This course provides information on specific anatomic processes targeted by pharmacological and physiological treatments, and the recovery programs currently available. This course is designed for the student continuing studies in the ADS certificate program as well as some students pursuing other related fields.

~~ADS 104 ADDICTION PREVENTION EDUCATION AND OUTREACH/REFERRAL~~ **ADDICTION PREVENTION: LAW, ETHICS, AND OUTREACH**
3 units Course length: 54 hours lecture
Prerequisite: ENG 099 eligibility
This course covers the legal aspects of counseling clients who seek help with addiction as well as patient rights including the laws of confidentiality and exceptions to confidentiality. The concepts of prevention and community education/outreach will be covered along with screening and interview techniques, crisis intervention and crisis counseling techniques. This course is designed for students in the Alcohol and Drug Studies Program.

BUSINESS

BUS 105 BUSINESS MATHEMATICS

3 units Course length: 54 hours lecture

~~Fundamental math course for business majors. This course focuses on the use of basic mathematics to solve typical business problems including simple and compound interest, commissions, bank records, annuities, percents in business, payroll, life and health insurance, accounting applications, taxes, and other selected topics.~~

BUS 105 emphasizes the use of basic mathematics to perform typical business calculations, including computations in simple and compound interest, present and future value of money, commissions, bank reconciliations, annuities, payroll taxes and withholding, insurance, income and property taxes, inventory valuation and turnover, bank discounts, markup, depreciation, stocks, bonds and business statistics.

BUS 201 PRINCIPLES OF ORGANIZATIONAL LEADERSHIP

3 units Course length: 54 hours lecture

Prerequisite: Eligible for ENG 099

A detailed analysis of leadership theory and practice through lectures, discussions, simulations and independent field experiences. A survey of leadership theory, leadership style, oral and written communication, ethical leadership, conflict management, and the dynamics of culture and gender in organizations.

CHILD DEVELOPMENT

CHD 103 INTRODUCTION TO CURRICULUM

3 units Course length: 54 hours lecture

~~This course will explore the applications of developmental theory for behavior, and for communicating and interacting with young children. Included will be a discussion of behavior problems and methods of self-discipline, criteria modification and positive reinforcement techniques, and principles of play actions in relation to the socialization used for directed experiences in working with children in a child development setting.~~

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 108 PRACTIUM - FIELD EXPERIENCE

3 units ~~Course length: 162 hours laboratory~~

Course length: 162 hours clinic/field

Child Development – Associate Teacher Certificate of Career Preparation which includes CHD 101, CHD 102, CHD 103 and CHD 104.

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.

ENGLISH

ENG 139 INTRODUCTION TO ETHNIC LITERATURES

3 units Course length: 54 hours lecture

Prerequisite: ENG 101

~~This course offers a panoramic view of African-American, Asian-American, Latino/a, and Native-American prose, poetry, drama, narrative, visual and film art, autobiography, oral history, music, and other discursive modalities, targeting substantive and theoretical issues. Trends in ethnic textual production will be studied in the context of dominant ideologies and specific cultural elaboration, which allows for examination of how texts inscribe complex representations of identities, homeland/s, and communities. This course addresses: language and bilingualism; formation and transformation of community; immigration and acculturation; traditions and histories; gender, sexuality, marriage, and family life; educational and occupational achievement; racial and ethnic ideologies and policies; biculturality and hybridity; and the changing roles of ethnic minorities in American society, among others.~~

ENG 139 introduces the student to literature created by a culturally diverse group of American authors. The course will provide an overview of themes and historical contexts for the work of African-American, Asian-American, Hispanic-American, and Native-American writers. In addition, the writings of recent immigrants will be a focus. Students will develop an understanding of the political, social, and historic climate of the United States as it helps shape and is shaped by literature.

ENG 140 SURVEY OF AMERICAN LITERATURE II

3 units Course length: 54 hours lecture

Prerequisite: ENG 101

~~This course surveys representative American literature from the late 19th Century to the present, including works from the Age of Realism (1865-1914), the Modernist Period (1914-1945), and the postmodern era (1950-present). In this class, students read, discuss, and write about the authors of these periods, addressing relevant social, political, cultural, philosophical, and religious issues. In the course of study, students can expect to challenge their ideas about national literature(s), connect literary texts to various contextual frameworks, and explore the influences that shaped American writings from the post-Civil War era to the present day. The student's development of a research paper of not less than seven pages in length, organized in the appropriate format and displaying a basic knowledge of methods of scholarly documentation, will be central to the course.~~

ENG 140 surveys representative American literature from the late 19th Century to the present, including works from the Age of Realism, the Modernist Period and the Post-modern era. Students read, discuss, and write about the authors of these periods, addressing relevant social, political, cultural, philosophical, and religious issues. Students will explore the influences that shaped American writing from the post-Civil War era to the present day. The writing of a research paper of not less than seven pages in length, organized in the appropriate format and displaying a basic knowledge of methods of scholarly documentation, is a key course requirement.

FIRE SCIENCE TECHNOLOGY

FST 106 AUTO EXTRICATION

.5 units Course length: 8 hours lecture, 8 hours laboratory

Prerequisite: Must be employed as a first responder or have instructor approval.

This course provides ~~the~~ students with hands-on experience in the procedures and systems utilized during an automobile extrication. Subjects covered include**: A**uto extrication size-up, types of incidents, safety precautions, ICS for auto extrication; types of hand and power tools, removing windows, opening doors, removing roofs, pulling steering wheels, ~~rolling~~ **raising** dashboards, **pulling seats,** stabilization of vehicles, and simulated rescues of trapped victims. This course may be offered as Pass/No Pass.

HEALTH EDUCATION

HEA 140 HEALTH EDUCATION

3 units Course length: 54 hours lecture

The course is the study of healthful living through the development of sound emotional health, self-actualization and self-esteem. Successful stress management, rewarding relationships with other people and physical fitness are covered. Emphasis is on a positive approach to health with most health problems seen as being preventable through healthful living habits. Course includes sections on: problems associated with substance abuse, including tobacco, alcohol, and drugs; violence in the world; preventing and fighting disease; and facing life's changes.

MANAGEMENT

MAN 105 PRINCIPLES OF MANAGEMENT AND ORGANIZATIONS

3 units Course length: 54 hours lecture

Prerequisite: Eligible for ENG 099

This class is an introduction to the techniques of managing a business and includes an analysis of the managerial functions and principles of planning, organizing, influencing and controlling. Topics are corporate culture, the impact of the external environment, business ethics and social responsibility, motivation, communication, teamwork, globalization, and quality control.

MATHEMATICS

MAT 105 INTRODUCTION TO STATISTICS

3 units Course length: 54 hours lecture

Prerequisite: MAT 086 or 088 ~~or MAT 110~~

Advisory: Some basic knowledge of differential and integral calculus is very useful for a deeper understanding of the subject. The student is advised to incorporate, as soon as possible, the study of the calculus.

An introduction to Probability and Statistics: Combinatorial analysis, probability spaces, independent events, conditional probability, organizing statistics data, measures of central tendency, variability normal distributions, hypothesis testing, t-tests, ANOVAS, correlation, and regression. The material will be presented using the traditional mathematical notation and with the assistance of a computer using a programming language. Student will use computers to conduct statistical analysis.

MAT 106 INTRODUCTION TO STATISTICS WITH LAB

4 units Course length: 54 hours lecture, 54 hours laboratory

Prerequisite: MAT 086 or 088 ~~or MAT 110~~

Advisory: Some basic knowledge of differential and integral calculus is very useful for a deeper understanding of the subject. The student is advised to incorporate, as soon as possible, the study of the calculus.

An introduction to probability and statistics: Combinatorial analysis, probability spaces, independent events, conditional probability, organizing statistical data, measures of central tendency, variability, normal distributions, hypothesis testing, t-tests, ANOVAS, correlation, and regression. The material will be presented using the traditional mathematical notation and with the assistance of a computer using a programming language. Students will use computers to conduct statistical analysis. **The lab section allows the student to further practice the subject under the direct surveillance of the instructor.**

READING

RDG 084 BEGINNING READING WITH LABORATORY®

3.25 units Course length: 54 hours lecture, 18 hours laboratory

*Prerequisite: Placement via the testing process **or RDG 082**.*

This course is designed for students who need to improve basic reading skills in order to comprehend **pre**college-level materials. In this course, students practice a reading process ~~with selections from freshman-level textbooks~~ and enhance literacy by reading essays, news articles and a feature length book. The course emphasizes topics such as main ideas, supporting details, inferences, and critical thinking, vocabulary and study skills to increase comprehension. It has an attached class lab of one hour each week. To pass the course, the student must successfully complete both coursework and lab work during the same semester. The course grade is Pass/No Pass, and the course is repeatable up to two times.

RDG 086 INTERMEDIATE READING WITH LABORATORY®

3.25 units Course length: 54 hours lecture, 18 hours laboratory

Prerequisite: RDG 084 ~~or RDG 094~~ or placement via the testing process.

Note: RDG 086 is a prerequisite for ENG 099.

This course is designed for students who need practice in reading at the college level and in critical thinking skills in order to succeed in transfer level courses. It is also a refresher course for adult learners. In this course, students develop reading strategies for textbooks and interact with essays, poetry, **and** a work of fiction or non-fiction to increase reading comprehension as well as appreciation. They also build writing, vocabulary, discussion and study skills to a~~ccurately~~ interpret and express information and to reflect **on** the meaning of class readings. Some research is required. The course has an attached class lab of one hour each week. To pass the course, the student must complete both coursework and lab work during the same semester. The course issues Pass/No Pass, or a letter grade. The course is repeatable up to two times.

UPDATED COURSES:

ADS 103 CASE MANAGEMENT AND DOCUMENTATION
ADS 105 DUAL DIAGNOSIS AND MENTAL HEALTH ISSUES
BUS 202 BUSINESS COMMUNICATION
BUS 206 MARKETING
CHD 101 CHILD GROWTH AND DEVELOPMENT
CHD 102 CHILD, FAMILY AND THE COMMUNITY
CHD 104 PRINCIPLES & PRACTICES OF TEACHING YOUNG CHILDREN
CHD 105 OBSERVATION AND ASSESSMENT
CHD 106 HEALTH, SAFETY AND NUTRITION
CHD 107 TEACHING IN A DIVERSE SOCIETY
CHD 130 ART FOR EARLY CHILDHOOD
CHD 131 MUSIC FOR EARLY CHILDHOOD
CHD 135 LITERATURE FOR EARLY CHILDHOOD
CHD 145 CHILD ABUSE & NEGLECT
CHD 150 INFANTS AND TODDLERS
CHD 205 ADULT SUPERVISION: MENTORING IN A COLLABORATIVE LEARNING SETTING
CHD 215 SUPERVISION & ADMINISTRATION OF CHILDHOOD DEVELOPMENT PROGRAMS I
CHD 216 SUPERVISION & ADMINISTRATION OF CHILDHOOD DEVELOPMENT PROGRAMS II
CRJ 206 LEGAL ASPECTS OF EVIDENCE
CRJ 220 INTERVIEWING AND COUNSELING
EDU 134 AMERICAN SIGN LANGUAGE III
ENG 081 BASIC WRITING I
ENG 082 BASIC WRITING II
ENG 087 SUPPLEMENTAL INSTRUCTION FOR BASIC WRITING I
ENG 088 SUPPLEMENTAL INSTRUCTION FOR BASIC WRITING II
MAN 107 SMALL BUSINESS MANAGEMENT
MAN 145 ORGANIZATIONAL BEHAVIOR
PSY 210 ABNORMAL PSYCHOLOGY
THA 110 INTRODUCTION TO THEATRE
THA 120 ACTING THEORY AND THEATRE PERFORMANCE

COURSES APPROVED TO BE OFFERED VIA CORRESPONDENCE EDUCATION:

BUS 105 BUSINESS MATHEMATICS
BUS 201 PRINCIPLES OF ORGANIZATIONAL LEADERSHIP
BUS 202 BUSINESS COMMUNICATION
BUS 206 MARKETING
CHD 101 CHILD GROWTH AND DEVELOPMENT
CHD 102 CHILD, FAMILY AND THE COMMUNITY
CHD 103 INTRODUCTION TO CURRICULUM
CHD 104 PRINCIPLES & PRACTICES OF TEACHING YOUNG CHILDREN
CHD 105 OBSERVATION AND ASSESSMENT
CHD 106 HEALTH, SAFETY AND NUTRITION
CHD 107 TEACHING IN A DIVERSE SOCIETY
CHD 108 PRACTICUM – FIELD EXPERIENCES
CRJ 206 LEGAL ASPECTS OF EVIDENCE
CRJ 220 INTERVIEWING AND COUNSELING
EDU 134 AMERICAN SIGN LANGUAGE III
ENG 139 INTRODUCTION TO ETHNIC LITERATURES
ENG 140 SURVEY OF AMERICAN LITERATURE II
GES 115 THE MASTER STUDENT

MAN 105 PRINCIPLES OF MANAGEMENT AND ORGANIZATIONS
MAN 107 SMALL BUSINESS MANAGEMENT
MAN 145 ORGANIZATION BEHAVIOR
MAT 105 INTRODUCTION TO STATISTICS
THA 110 INTRODUCTION TO THEATRE

COURSES APPROVED TO BE OFFERED VIA DISTANCE EDUCATION:

ADS 102 PHARMACOLOGY AND PHYSIOLOGICAL EFFECTS OF ADDICTION
ADS 103 CASE MANAGEMENT AND DOCUMENTATION
ADS 104 ADDICTION PREVENTION EDUCATION AND OUTREACH/REFERRAL
ADS 105 DUAL DIAGNOSIS AND MENTAL HEALTH ISSUES
BUS 105 BUSINESS MATHEMATICS
BUS 201 PRINCIPLES OF ORGANIZATIONAL LEADERSHIP
BUS 202 BUSINESS COMMUNICATION
BUS 206 MARKETING
CHD 101 CHILD GROWTH AND DEVELOPMENT
CHD 102 CHILD, FAMILY AND THE COMMUNITY
CHD 103 INTRODUCTION TO CURRICULUM
CHD 104 PRINCIPLES & PRACTICES OF TEACHING YOUNG CHILDREN
CHD 105 OBSERVATION AND ASSESSMENT
CHD 106 HEALTH, SAFETY AND NUTRITION
CHD 107 TEACHING IN A DIVERSE SOCIETY
CHD 108 PRACTICUM – FIELD EXPERIENCES
CHD 130 ART FOR EARLY CHIDLHOOD
CHD 131 MUSIC FOR EARLY CHILDHOOD
CHD 135 LITERATURE FOR EARLY CHILDHOOD
CHD145 CHILD ABUSE & NEGLECT
CHD 150 INFANTS AND TODDLERS
CHD 205 ADULT SUPERVISION: MENTORING IN A COLLABORATIVE LEARNING SETTING
CHD 215 SUPERVISION & ADMINISTRATION OF CHILDHOOD DEVELOPMENT PROGRAMS I
CHD 216 SUPERVISION & ADMINISTRATION OF CHILDHOOD DEVELOPMENT PROGRAMS II
CRJ 206 LEGAL ASPECTS OF EVIDENCE
CRJ 220 INTERVIEWING AND COUNSELING
EDU 134 AMERICAN SIGN LANGUAGE III
ENG 081 BASIC WRITING I (ITV ONLY)
ENG 082 BASIC WRITING II (ITV ONLY)
ENG 087 SUPPLEMENTAL INSTRUCTION FOR BASIC WRITING I (ITV ONLY)
ENG 088 SUPPLEMENTAL INSTRUCTION FOR BASIC WRITING II (ITV ONLY)
ENG 139 INTRODUCTION TO ETHNIC LITERATURES
ENG 140 SURVEY OF AMERICAN LITERATURE II
GES 115 THE MASTER STUDENT
HEA 140 HEALTH EDUCATION
MAN 105 PRINCIPLES OF MANAGEMENT AND ORGANIZATIONS
MAN 107 SMALL BUSINESS MANAGEMENT
MAN 145 ORGANIZATION BEHAVIOR
MAT 106 INTRODUCTION TO STATISTICS WITH LAB
PSY 210 ABNORMAL PSYCHOLOGY
RDG 084 BEGINNING READING WITH LABORATORY
RDG 086 INTERMEDIATE READING WITH LABORATORY
THA 110 INTRODUCTION TO THEATRE

COURSES TO BE MOVED TO INACTIVE STATUS:

ANT 103 INTRODUCTION TO CALIFORNIA INDIANS
ANT 104 INTRODUCTION TO NORTH AMERICAN INDIANS
ANT 105 INDIANS OF THE SOUTHWEST

REVISED PROGRAMS:

AA DEGREE IN LIBERAL ARTS WITH AN EMPHASIS IN:

BUSINESS & TECHNOLOGY

ACC 101, 102, 209, 216
ART 120, 125
BIO 100, 101, 110
BUS 101, 105, 135, **201,** 202, 206, 221
CIS 101, 102, ~~113, 120~~, 123, **124, 130,** ~~139, 170, 247~~, 248, **260, 265**
ECO 105, 106
GEO 130
MAN 105, 106, 107, 145
MAT 106, 110, 210, 220, 224
Students must complete at least two courses in ACC, BUS or MAN and at least two courses in CIS. At least one business course is required for this emphasis. For depth of study, two or more courses in one discipline is required.