

**Palo Verde Community College
Office of Instruction**

M E M O R A N D U M



To: All Faculty and Staff
From: Office of Instruction
Date: May 26, 2010
Subject: **COLLEGE CATALOG 2009-2010 *ADDENDUM #3***

The attached, College Catalog 2009-2010, Addendum #3, contains new and revised courses and certificates that have been curriculum and board approved. Please note the additions and changes in your catalog and/or attach the addendum for efficient and accurate reference. These changes will become effective during the Fall 2010 semester.

Please feel free to stop by the Instruction Office or call Ext. 5453 if you have any questions.

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Attachment



PALO VERDE COLLEGE

College Catalog 2009-2010

Addendum #3

(Approved by Board of Trustees March 23, 2010 and May 25, 2010)

DESCRIPTION OF COURSES SECTION

DESCRIPTION OF COURSES (Pages 80-213)

COURSE REVISIONS:

ADULT BASIC EDUCATION

ABE 024 CDL BUS OPERATOR LICENSE

Non-credit

Course length: ~~20~~ 24 hours lecture, ~~20~~ hours clinic/field

Prerequisite: 18 years old and class "C" driver's license.

This course prepares students for the written portion of the California Department of Motor Vehicles Commercial Driver's License test. Students will learn the fundamentals of operating a public transit bus. Other topics include safety, vehicle inspections, personal management, and report writing.

ABE 052 BASIC SURVIVAL SKILLS®

Non-credit

Course length: 8 hours lecture, 19 hours

laboratory

This course will teach students with intellectual and physical disabilities independent living skills, social skills and recreational skills. The course will feature classroom instruction combined with community integration activities to facilitate successful functioning within integrated social settings. Individualized education plans will be designed for all students. This course is repeatable.

ABE 075 BASIC VOCATIONAL SKILLS®

Non-credit

Course length: ~~54 hours lecture/laboratory~~ 8 hours lecture, 19 hours laboratory

~~Incorporates survival strategies and appropriate work habits and attitudes with basic training of various job skills; use of a number of work options and settings. This course is repeatable.~~

This course will teach students with intellectual and physical disabilities basic work and basic life skills in order to facilitate employment preparation. Basic work skills will include: timecard completion, following a schedule, social skills, following directions, and adherence to health and safety rules. Life skills will include: domestic skills, social skills, sensory-motor and cognitive skills, and health and safety. Individualized vocational and life skill training will be designed for all students. This course is repeatable.

CHEMISTRY

CHE 101 INTRODUCTION TO GENERAL CHEMISTRY

4 units

Course length: 54 hours lecture, 54 hours laboratory

Recommended: 1) Completion of MAT 084 with grade of "C" or better; or 2) One year of high school algebra; or 3) Eligible for MAT 086/MAT 088 as determined by the testing/counseling process.

1) Eligible for MAT 086/088

2) Eligible for ENG 099

This course is a preparatory course for students who have never had chemistry and covers the metric system, atoms and elements, bonding, solids, liquids, gases, stoichiometry, solutions, reactivity, and acids and bases. It is appropriate for nursing students, hotel and restaurant management students, as well as students who will pursue higher level chemistry.

CHE 108 FUNDAMENTALS OF ORGANIC CHEMISTRY

4 units

Course length: 54 hours lecture, 54 hours laboratory

*Recommended: **Prerequisite:** CHE 101 or CHE 210 or CHE 211 or High School Chemistry **with C or better and Eligible for ENG 099 and Eligible for MAT 086/088.***

This course covers the properties of alkanes, alkenes, alkynes, stereochemistry, alkyl halides, nucleophilic substitution, elimination, spectroscopy, conjugation, aromaticity, aromatic substitution and organic synthesis. This course also includes topics on alcohols, aldehydes, ketones, carboxylic acids and derivatives, condensation reactions, amines, biochemistry and polymer chemistry.

CHE 109 CHEMISTRY FOR THE HEALTH SCIENCES AND NURSING DISCIPLINES

5 units

Course length: 54 hours lecture, 108 hours laboratory

*Prerequisite: MAT 083/084 with a grade of 'C' or better, and CHE 101 with a grade of 'C' or better, and the ability to read and write in English **as determined by eligibility to register for ENG 099 based on transcripts or placement test.***

A one semester study of inorganic, organic, and biochemistry. The course provides a foundation in biochemistry that assists students in anatomy, physiology, microbiology and nursing courses. The focus is on the biochemistry of the human body; health and nutrition aspects are covered.

CHE 210 GENERAL CHEMISTRY I

5 units

Course length: 54 hours lecture, 108 hours laboratory

*Prerequisite: One year high school chemistry with grade of "C" or better or CHE 101 with grade of "C" or better ~~AND two courses in high school algebra or MAT 086 or MAT 088 with grade of "C" or better~~ **eligible for MAT 086/088 and eligible for ENG 099.***

This course constitutes the first half of a two semester sequence in general chemistry. Topics include a mathematical introduction (metric system, significant figures and scientific notation), discussion of atoms, molecules and ions, stoichiometry, electronic structure, periodic relationships, bonding, molecular geometries and properties of gases, liquids, solids and solutions. Appropriate lab experiments are included.

CHE 211 GENERAL CHEMISTRY II

5 units

Course length: 54 hours lecture, 108 hours laboratory

*Prerequisite: CHE 210 **and eligible for ENG 099***

This course constitutes the second half of a two semester sequence in general chemistry. Topics include a review of solutions, kinetics, equilibrium, acids and bases, thermodynamics, electrochemistry, and various other areas of chemistry. Appropriate laboratory experiments included.

HISTORY

HIS 110 WORLD CIVILIZATION I

3 units

Course length: 54 hours lecture

Recommended: Completion of ENG 101—English Composition

Prerequisite: ENG 099 eligible

A comparative introduction to the development of cultures in Europe, the Americas, Africa and Asia. This course surveys the historical developments of global societies, major social, political and economic ideas and institutions from their origins until the 16th century A.D. Topics include the origins of world civilizations, the classical world from a global perspective, the evolution of political systems and the early development of international trade. Includes a comparative discussion of world religions.

HIS 120 WORLD CIVILIZATION II

3 units

Course length: 54 hours lecture

Recommended: Completion of ENG 101 – English Composition

Prerequisite: ENG 099 eligible

A survey of the evolution of modern world civilizations from the 16th century emergence of new global, political, economic, social and intellectual patterns, through the era of industrialization and imperialism, the world wars of the 20th century and the present. Areas of the world emphasized include Europe, Asia, Africa and the Americas.

HIS 130 AMERICAN HISTORY I

3 units

Course length: 54 hours lecture

Recommended: Completion of ENG 101 – English Composition

Prerequisite: ENG 099 eligible

A survey of the leading issues in American life from colonial times through the Civil War. The course focuses on politics, cultural development, social conflict, economic life, foreign policy, influential ideas, and significant individuals.

HIS 140 AMERICAN HISTORY II

3 units

Course length: 54 hours lecture

Recommended: Completion of ENG 101 – English Composition

Prerequisite: ENG 099 eligible

A survey of the leading issues in American life from the Reconstruction to the present. The course focuses on politics, cultural development, social conflict, economic life, foreign policy, influential ideas, and significant individuals in U.S. history.

POLITICAL SCIENCE

POS 145 AMERICAN POLITICAL INSTITUTIONS

3 units

Course length: 54 hours lecture

Prerequisite: ENG 099 eligible

Analysis of the national government of the United States and of the government of the State of California with attention to relations between government and the individual; the structure of the legislature, executive and judicial branches and the major functions of government in the modern world. Treatment of American political institutions as documented in the Constitution of the United States.

PROGRAM REVISIONS:

WELDING TECHNOLOGY

PALO VERDE COLLEGE

Certificate – Metal Fabrication

WEL	102	Basic Gas Metal Arc Welding (MIG)	3
WEL	403	Basic Gas Tungsten Arc Welding (TIG)	3
WEL	110	Introduction to Fabrication	3
WEL	111	Introduction to Chassis Preparation	3
WEL	112	Intermediate Fabrication	3
WEL	113	Advanced Fabrication and Design	3
		Total units	4815

PROGRAMS TO BE MOVED TO INACTIVE STATUS:

A.S. in Accounting

Certificate of Achievement: Accounting

A.S. in Administrative Office Assistant

Certificate of Achievement: Administrative Office Assistant

Certificate of Career Preparation: Office Assistant

A.S. in General Clerical Assistant

Certificate of Achievement: General Clerical Assistant