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: October 5, 2010

Subject: **COLLEGE CATALOG 2010-2011 *ADDENDUM #1***

The attached, College Catalog 2010-2011, Addendum #1, 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 Spring 2011 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

PALO VERDE COLLEGE

College Catalog 2010-2011

Addendum #1

(Approved by Board of Trustees September 28, 2010)

DESCRIPTION OF COURSES SECTION

DESCRIPTION OF COURSES (Pages 80-213)

COURSE ADDITIONS:

READING

RDG 082 BASIC READING

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

Prerequisite: Placement test

Reading 082, Basic Reading, is a first-level reading course in a sequence of reading courses. It focuses on vocabulary development and comprehension strategies. The course grade is pass or no pass and can be repeated once.

COURSE REVISIONS:

COMPUTER INFORMATION SCIENCE

CIS 130 INTRODUCTION TO 3D COMPUTER ANIMATION

3 units Course length: 36 hours lecture, 54 hours laboratory

~~*Prerequisite: Students should have computer experience before enrolling in this course. PVHS Computers I, PVHS Computers II, CIS 101, CIS 102, or an equivalent course would qualify as a pre-requisite for this course.*~~

3D Computer Animation is an ever growing industry. Computer animation today is used in computer games, computer generated films, software, and virtual reality. In this course, various computer animation and graphic design techniques and topics will be introduced and discussed. The main topics that will be covered are object modeling, 2D and 3D animation, the World/Object Coordinate System, Spline Objects, Material Management, Object Management, Hyper-nurb Objects, Null and Symmetry Objects, and Lighting.

CIS 131 ANIMATION PRINCIPLES AND PRODUCTION I

3 units Course length: 36 hours lecture, 54 hours laboratory

~~*Prerequisite: CIS 130*~~

Corequisite: Concurrent enrollment in CIS 130 (Introduction to 3D Computer Animation).

Computer Animation is an ever growing industry. This course will cover topics including object shading using Maxon Sketch and Toon, Pyro-clusters, Net Rendering, and Rigid and Soft Body Dynamics. Students will design projects utilizing the skills introduced in the course. Students will also implement many of the skills learned in the Introduction to 3D Computer Animation course.

CIS 132 ANIMATION PRINCIPLES AND PRODUCTION II

3 units Course length: 36 hours lecture, 54 hours laboratory

*Prerequisite: ~~CIS 130,~~ CIS 131 **(Animation Principles and Production I)***

In this course students will learn about the Animation Industry. The history of Animation, the animation industry today, and current trends will be addressed. This course will introduce computer animation techniques such as motion capturing, procedural methods, motion blending and kinematics using Maxon Mocca, object painting using Maxon Body Paint 3D, and object manipulation using Maxon Thinking Particles and Key-framing.

CIS 133 ADVANCED 3D COMPUTER ANIMATION

3 units Course length: 36 hours lecture, 54 hours laboratory

~~*Prerequisite: CIS 130, CIS 131, CIS 132*~~

Corequisite: Concurrent enrollment in CIS 132 (Animation Principles and Production I)

Advanced 3D Computer Animation will tie together all of the skills and concepts introduced in the 3 prerequisite courses. This project based course will utilize object animation, lighting, key-framing, texturing, nurbs, splines, and rendering. Each student will create a project that will demonstrate mastery of the 4 sequential animation courses.

PHYSICAL EDUCATION

PHE 100 FITNESS CENTER®

1-3 units Course length: 54-162 hours laboratory

This class is designed for beginning and advanced students to participate in aerobic and anaerobic activities in the fitness center. One on one instruction is available for beginning students while advanced students have the option of working out on their own. This course is repeatable **up to 3 times for credit**.

UPDATED COURSES:

WEL 100 Oxyacetylene Gas Welding
WEL 101 Shielded Metal Arc Welding
WEL 102 Basic Gas Metal Arc Welding (MIG)
WEL 103 Basic Gas Tungsten Arc Welding (TIG)
WEL 200 Advanced Shielding & Gas Metal Arc Welding (MIG)
WEL 201 Advanced Tungsten Arc Welding (TIG)
WEL 202 Advanced Oxyacetylene Welding
WEL 203 Consolidated Welding

COURSES/PROGRAMS TO BE MOVED TO INACTIVE STATUS:

GEO 120 Introduction to Cartography
GEO 130 Introduction to Geographic Information Systems (GIS)
GEO 230 Intermediate Geographic Information Systems (GIS)
GEO 231 Advanced Geographic Information Systems (GIS)
Certificate of Career Preparation: Geographic Information Systems

REVISED PROGRAMS:

PALO VERDE COLLEGE STUDENT EDUCATION PLAN
ASSOCIATE IN SCIENCE DEGREE (A.S.)

HAZARDOUS MATERIALS SPECIALIST

Course Number			Units
CORE COURSES			
FST	150	Haz-Mat First Responder Operations	1
FST	152	Basic Chemistry, Module 1A, Haz-Mat Technician	2
FST	153	Applied Chemistry	2
FST	154	Incident Considerations, Module 1C, Haz-Mat Technician	2
FST	155	Tactical Field Operations	2
FST	157	Specialized Mitigation Techniques, Module 1F, Haz-Mat Specialist	2
FST	158	Advanced Field Operations, Module 1G, Haz-mat Specialist	2
FST	162	300 Intermediate Incident Command System (ICS)	1.25
FST	183	Terrorism: Weapons of Mass Destruction	1
FST	227	Computer-Aided management of Emergency Operations (CAMEO)	.5
FST/CWE		[ELECTIVE: 100-Level or Above] [Including Work Experience]	3
FST/CWE		[ELECTIVE: 100-Level or Above] [Including Work Experience]	3
FST/CWE		[ELECTIVE: 100-Level or Above] [Including Work Experience]	3
FST/CWE		[ELECTIVE: 100-Level or Above] [including Work Experience]	3
GENERAL EDUCATION COURSES			
COMMUNICATIONS			
ENG	101	Reading and Composition	3
SPE	101	Introduction to Speech	3
NATURAL SCIENCES			
		Astronomy, Biology, Chemistry, Geology, Geography, Physics	3
MATHEMATICS			
MAT	086/88	Intermediate Algebra	3
HUMANITIES			
		Art, Education, English, French, History, Music, Philosophy, Spanish, Theatre	3
SOCIAL SCIENCES – AREA A			
		History, Political Science	3
SOCIAL SCIENCES – AREA B			
		Anthropology, Economics, Geography, Psychology, Sociology	3
LIFE LONG UNDERSTANDING & SELF DEVELOPMENT			
		Alcohol/Drug Studies, Child Development, Geography, Health, Physical Education, Psychology, Sociology	3
INSTITUTIONAL REQUIREMENTS			
HEA	140	Health Education	3
GES	101 [OR] 115	Introduction to College Life [OR] The Master Student	1 - 3
CIS	101 [OR] 102 [OR] 106	Introduction to Computers & Information Systems [OR] Personal Computer Applications [OR] Introduction to Computer Literacy	3
		Total required	60 - 62

NAME_____ ADDRESS_____

PHONE_____ DATE OF BIRTH_____ STUDENT ID#_____

DATE_____ COUNSELING NOTES:_____

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Requirements completed (DATE)_____ COUNSELOR SIGNATURE_____

PALO VERDE COLLEGE

CERTIFICATE PROGRAM

HAZARDOUS MATERIALS SPECIALIST

This certificate will satisfy the California State requirement for operations at hazardous materials incidents where Personal Protective Equipment (PPE) Levels A, B & C protection is required. It will satisfy CFR 29.1910.120 Federal requirements.

Course#	Code	Course Titles	Units
FST	150	HAZ MAT First Responder Operations	1
FST	152	Basic Chemistry, Module 1A, HAZ-MAT Technician	2
FST	153	Applied Chemistry	2
FST	154	Incident Considerations, Module 1C, HAZ-MAT Technician	2
FST	155	Tactical Field Operations	2
FST	157	Specialized Mitigation Techniques, Module 1F, HAZ-MAT Specialist	2
FST	158	Advanced Field Operations, Module 1G, HAZ-MAT Specialist	2
FST	162	300 Intermediate Incident Command System (ICS)	1.25
FST	183	Terrorism: Weapons of Mass Destruction	1
FST	227	Computer-Aided Management of Emergency Operations (CAMEO)	.5
		Total required	15.75