2015–2016 Catalog Addendum 1
August 2015

The College of the Desert Catalog Addendum represents course and program revisions made since the last publication of the catalog. Included in this Addendum are new certificates and degree effective as of the Fall 2015. This Addendum also includes corrections to the 2015-2016 Catalog. Instructions for understanding this addendum are as follows: <u>underline</u> indicates new material, ~~strikethrough~~ indicates a deletion.

HEALTH SCIENCE A.S. DEGREE
and transfer preparation

The Associate Degree in Health Science provides courses which are the foundation to professional career opportunities in the health science, public health and environmental fields. The degree emphasizes an ecological approach to health issues in the community and to provide students with the tools and knowledge necessary to understand factors contributing to the promotion of optimal health and well-being.

Advisor: Betty Baluski, bbaluski@collegeofthedesert.edu; 760-776-7294

Required Core Courses
BI-013	Human Anatomy And Physiology I	4
BI-014	Human Anatomy And Physiology II	5
BI-015	General Microbiology	5
HS-072	Intro to Health and Society	4
HS-073	Intro to Community Health	3
_or_ HS-013	General Nutrition (3)	
HS-074	Informatics for Health Science	3

Recommended Courses for Transfer
ENG-001A	Composition	4
PSY-003	Developmental Psychology	3
_or_ PSY-001	General Psychology (3)	
_or_ SOC-001	Introductory Sociology (3)	
SPAN-001	Elementary Spanish I	5
_or_ ASL-001	Elementary American Sign Language I (5)	
SOC-003	Fundamentals Of Statistics	3

Required Subtotal	24
CSU General Education or IGETC Pattern	37-39
Kinesiology (PE) Activities	2
DEGREE TOTAL	**63-65**

COACHING CERTIFICATE OF PROFICIENCY

This coaching certificate will educate, train, and prepare students with the diverse opportunities such as individual and team sports in the field of coaching. *This certificate is locally approved and is NOT notated on the student's academic transcript in accordance with State regulations.*

Advisors:
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Core Courses:
KINE-002	Sports Officiating	3
KINE-005	Foundations of Coaching	3
KINE-008	Introduction to Kinesiology	3
KINE-007	Techniques of Exercise Leadership	3
CERTIFICATE TOTAL		**12**

DESERT ECOLOGIST CERTIFICATE OF ACHIEVEMENT

Desert Ecologist Certificate prepares students for jobs as docents, volunteers, or paid employees working with a variety of local, state, federal and tribal agencies. Students successfully completing this certificate may find entry-level positions in various natural resources specializations, such as:

- Zookeeper or Museum worker
- Ecological Consultant
- State or National Park Ranger
- Lab Technician
- Ecosystem Manager
- Environmental Educator
- Ecotourism Industry

The Desert Ecologist Certificate is intended to prepare students to directly enter the conservation field in various capacities. Students who achieve this certificate will become familiar with a broad range of ecological topics that are applicable anywhere but are also pertinent to the local desert environment. There are no prerequisite skills or limitations on enrollment required for this certificate.

Advisor: Kurt Leuschner, kleuschner@collegeofthedesert.edu; 760-776-7285

Required Courses

NR-001	Conservation of Natural Resources	3
NR-001L	Conservation of Natural Resources Laboratory	1
NR-003	Introduction to Wildlife Management	3
or NR-004	Introduction to Ecosystem Management (3)	
NR-020	GPS and Map Use	1
NR-021	Introduction to GIS	3
NR-041A	Native Plants – Mountain	1
NR -041B	Native Plants – Desert	1
NR-050	Winter Birds	1
NR-051A	Migrant Birds – Fall	1
NR-051B	Migrant Birds – Spring	1
NR-058	Reptiles of the Coachella Valley	1
NR-095A	Natural Resources Work Experience	1

Group A: Choose 3 units (cannot repeat courses from above) 3

AGPS-002	Entomology – General and Applied (4)	
NR-003	Introduction to Wildlife Management (3)	
NR-004	Introduction to Ecosystem Management (3)	
NR-017	Natural Resources Law Enforcement (3)	
NR-059	Careers in Natural Resources and Agricultural Sciences (3)	
NR-095C	Natural Resources Work Experience (3)	

CERTIFICATE TOTAL 21

ENERGY SYSTEMS TECHNOLOGY CERTIFICATE OF ACHIEVEMENT

The Energy Systems Technology program will provide students with the knowledge and skills necessary for an entry-level position in the power generation industry ranging from small stand-alone systems designed for minimal single electrical load devices to centralized utility scale operations designed to provide power to large regions supporting residential, commercial and/or industrial customers. Students will gain foundational skills in both the conceptual and practical side of power generation as well as an overview of the current electrical infrastructure including; Centralized Power Generation Stations, Distributed Power Generation, Transmission Systems, Distribution Systems, Switchyards and Sub-stations. Upon completion of the core courses, the students are given several elective course options to provide a measure of flexibility in determination of the student's occupational path. Elective courses cover fundamental skills in natural resources, business, alternative transportation, construction technology, HVAC, design and earth sciences.

Advisor: George Brown, gibrown@collegeofthedesert.edu; 760-568-3238

Required Core Courses

ESYS-001	Introduction to the Power Industry	3
ESYS-002	Electricity and Electrical Theory	3
ESYS-003	Energy Systems Technology	3
ESYS-004	Industrial Calculations	3
BUMA-032	Human Relations In the Workplace	3
NR-001	Conservation Of Natural Resources	3
ACR-077	Energy Conservation Methods for HVACR	3

Elective Courses - *Complete a minimum of 3 units from the following:*

NR-001L	Conservation Of Natural Resources Lab	1
BUMA-010	Introduction To Business	3
AUTO-045A	Intro to Alternative Fuel Vehicles	2
ACT-020	Introduction To Construction Technology	3
DRA-001	Technical Drafting I	3
G-010	The Earth Sciences	4
PH-001	Introductory Physics	4
*ESYS 095A-H	Energy Systems Technology Work Experience	2

Certificate Total ....**24 - 25**

* Maximum of 2 units may be used for work experience

<u>PROGRAM REVISIONS effective Fall 2015</u>

FIRE TECHNOLOGY CERTIFICATE OF ACHIEVEMENT

Required Courses:

	FIRE-001	Principles of Emergency Services	3
	FIRE-002	Fire Prevention	3
	FIRE-003	Fire Protection Equipment & Systems	3
	FIRE-004	Building Construction for Fire Protection	3
	FIRE-005	Fire Behavior & Combustion	3
Move to Elective	~~FIRE 006~~	~~Hazardous Materials/ICS~~	~~3~~
Add	FIRE-007	Principles of Fire & Emergency Services Safety & Survival	3
Move to Elective	~~EMT-084~~	~~Emergency Medical Tech I~~	~~6~~
	Required Subtotal	~~24~~	18

Elective Courses - *Choose 4 units from the following (with Advisor approval):*

	FIRE-006	Hazardous Materials/ICS	3.0
Add	FIRE-008	Firefighting Strategies & Tactics	3.0
	FIRE-010	Wildland Fire Technology	3.0
	FIRE-070	Confined Space-Awareness	0.5
Delete	~~FIRE 071~~	~~Confined Space Rescue Tech.~~	~~1.5~~
	FIRE-072A	Trench Rescue	0.75
Delete	~~FIRE 073~~	~~Automobile Extrication~~	~~0.5~~
Delete	~~FIRE 074A~~	~~Fire Control 3A: Acquired Structures~~	~~1.0~~
Delete	~~FIRE 074B~~	~~Fire Control 3B: Live Fire Simulator~~	~~1.0~~
Delete	~~FIRE 075A~~	~~Haz Materials: Operations~~	~~1.0~~
Delete	~~FIRE 075B~~	~~Haz Materials: Decontamination~~	~~0.5~~
Delete	~~FIRE 076~~	~~Low Angle Rescue Operations~~	~~1.0~~
	FIRE-077A	Fire Investigation 1A: Fire Origin & Cause Determination	2.5
	FIRE-077B	Fire Investigation 1B: Techniques of Fire Investigation	2.5
	FIRE-078A	Training Instructor 1A: Cognitive Lesson Delivery	2.5
	FIRE-078B	Training Instructor 1B: Psychomotor Lesson Delivery	2.5
	FIRE-078C	Training Instructor 1C: Instructional Development Techniques	2.5
	FIRE-079A	I-100: Intro to ICS	0.5
	FIRE-079B	I-200: Basic ICS	1.0
	FIRE-079C	I-300: Intermediate ICS	1.5
	FIRE-079D	I-400: Advanced ICS	1.5
Delete	~~FIRE 080~~	~~S 404: Safety Officer~~	~~2.0~~
Delete	~~FIRE 081~~	~~S 339: Div/Group Supervisor~~	~~1.5~~
	FIRE-090A	Fire Prevention 1	2.0
Delete	~~FIRE-090B~~	~~Fire Prevention 1B~~	~~2.0~~
Delete	~~FIRE-090C~~	~~Fire Prevention 1C~~	~~2.0~~
	FIRE-091A	Command 1A: Command Principles for Company Officers	2.0
	FIRE-091B	Command 1B: Incident Management for Company Officers	2.0
	FIRE-091C	Command 1C: WUI Command Operations for the Company Officers	2.5
	FIRE-092	Fire Management 1: Management Supervision for Company Officers	2.0
Add	BIT-026	Building II and Fire Codes	3.0
Add	EMT-080	Emergency Medical Responder	3
	EMT-084	Emergency Medical Technician I	6
	Elective Subtotal		4

CERTIFICATE TOTAL ....~~28~~.......................................**22**

FIRE TECHNOLOGY A.S. DEGREE
for employment preparation

Required Courses:

FIRE-001	Principles of Emergency Services	3
FIRE-002	Fire Prevention	3
FIRE-003	Fire Protection Equipment & Systems	3
FIRE-004	Building Construction for Fire Protection	3
FIRE-005	Fire Behavior & Combustion	3

Move to Elective ~~FIRE-006~~ ~~Hazardous Materials/ICS~~ ~~3~~

Add FIRE-007 Principles of Fire & Emergency Services Safety & Survival ... 3

Move to Elective ~~EMT-084~~ ~~Emergency Medical Tech I~~ ~~6~~

Required Subtotal ... ~~24~~ **18**

Elective Courses - *Choose ~~16~~ 22 units from the following (with Advisor approval):*

FIRE-006	Hazardous Materials/ICS	3.0
Add FIRE-008	Firefighting Strategies & Tactics	3.0
FIRE-010	Wildland Fire Technology	3.0
FIRE-063A	Basic Fire Fighter I Academy (Part 1)	9.75
FIRE-063B	Basic Fire Fighter I Academy (Part 2)	8.75
FIRE-070	Confined Space-Awareness	0.5
Delete ~~FIRE-071~~	~~Confined Space Rescue Tech.~~	~~1.5~~
FIRE-072A	Trench Rescue	0.75
Delete ~~FIRE-073~~	~~Automobile Extrication~~	~~0.5~~
Delete ~~FIRE-074A~~	~~Fire Control 3A: Acquired Structures~~	~~1.0~~
Delete ~~FIRE-074B~~	~~Fire Control 3B: Live Fire Simulator~~	~~1.0~~
Delete ~~FIRE-075A~~	~~Haz Materials: Operations~~	~~1.0~~
Delete ~~FIRE-075B~~	~~Haz Materials: Decontamination~~	~~0.5~~
Delete ~~FIRE-076~~	~~Low Angle Rescue Operations~~	~~1.0~~
FIRE-077A	Fire Investigation 1A: Fire Origin & Cause Determination	2.5
FIRE-077B	Fire Investigation 1B: Techniques of Fire Investigation	2.5
FIRE-078A	Training Instructor 1A: Cognitive Lesson Delivery	2.5
FIRE-078B	Training Instructor 1B: Psychomotor Lesson Delivery	2.5
FIRE-078C	Training Instructor 1C: Instructional Development Techniques	2.5
FIRE-079A	I-100: Intro to ICS	0.5
FIRE-079B	I-200: Basic ICS	1.0
FIRE-079C	I-300: Intermediate ICS	1.5
FIRE-079D	I-400: Advanced ICS	1.5
Delete ~~FIRE-080~~	~~S-404: Safety Officer~~	~~2.0~~
Delete ~~FIRE-081~~	~~S-339: Div/Group Supervisor~~	~~1.5~~
Add FIRE-082A	Fire Apparatus Driver/Operator 1A: Emergency Vehicle Ops	2.0
Add FIRE-082B	Fire Apparatus Driver/Operator 1B: Pump Operations	2.0
FIRE-090A	Fire Prevention 1	2.0
Delete ~~FIRE-090B~~	~~Fire Prevention 1B~~	~~2.0~~
Delete ~~FIRE-090C~~	~~Fire Prevention 1C~~	~~2.0~~
FIRE-091A	Command 1A: Command Principles for Company Officers	2.0
FIRE-091B	Command 1B: Incident Management for Company Officers	2.0
FIRE-091C	Command 1C: WUI Command Operations for the Company Officers	2.5
FIRE-092	Fire Management 1: Management Supervision for Company Officers	2.0
Add BIT-026	Building II and Fire Codes	3.0
Add EMT-080	Emergency Medical Responder	3
EMT-084	Emergency Medical Technician I	6

Required Courses	~~24~~	**18**
Elective Courses (with Advisor approval)	~~16~~	**22**
COD General Education Pattern		18
Kinesiology (PE) Activities		2
DEGREE TOTAL		**60**

Advisor: Allen Scott Ventura, asventura@collegeofthedesert.edu; 760-636-7996

Courses of Instruction

ECE-017 **CHILD GUIDANCE** **Units: 3**

This course presents a developmentally appropriate approach to the guidance of children, including children with special needs. Effective guidance techniques, effective communication and working with children in groups will be covered. The role of and collaboration with familiy as a means to effective guidance will be covered. This course is intended for teachers and professionals who work with children in a variety of settings.

Lecture Hours: 54 Lab Hours: 0 Repeatable: No Grading: L

Advisory: ENG-071

Transfer Status: CSU Degree Applicable: AA/AS

COD GE: C2, C5 CSU GE: None IGETC: None

Faculty and Administration

Addition:

ELIU BENAVIDES (2015)
Instructor, History

OCEANA COLLINS (2015)
Instructor, History

MARIA ELENA DIAZ (2015)
Instructor, Speech

AHMED ELSHAFIE (2015)
Instructor, Astronomy & Physics

BRIAN FOTINAKES (2015)
Instructor, English

RAMIRO GALICIA (2015)
Instructor, HVAC&R/Energy

ROBERT GUINN (2015)
Instructor, Chemistry

JACOB KEVARI (2015)
Instructor, Economics

LISA KINSEY (2015)
Instructor, Nursing

CHRISTINE MELTON (2015)
Instructor, Chemistry

CORBYN WILD (2015)
Instructor, English

Change in Title:

DOUGLAS REDMAN (2007)
~~Assistant Professor, Automotive~~ Interim Dean, School of Applied Sciences and Business