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## 2021-2022 CATALOG ADDENDUM

The contents of this addendum supercede the content specified in the 2021-2022 catalog where noted. Contents of the 2021-2022 catalog not revised in this addendum remain in effect. The unrevised content of the 2021-2022 catalog and the revised content of this addendum are valid for the 2021-2022 academic year.

Page numbers are those of the 2021-2022 Catalog.

### Revised 6/21/21

P. 89, Business AAS Degree, changed HRM 210 to BUA 210 in the Customer Service Management Emphasis

P. 109, Electrical Technology Apprenticeship Certificate, added ECT 225 Load Calculations

P. 250, UAS 100 Introduction to Unmanned Aerial Systems, 3 cr, 3 lec

This course is a survey of Unmanned Aerial Systems (UAS), covering the foundations of unmanned aerial systems.

### Revised 7/7/21

p, 14, CLEP Exam Equivalent heading changed to CLEP Course Exam Equivalent;

p. 14, CLEP exam changes:

College Spanish changed to College Spanish with Writing Level 1 & 2\*\* 50 SPA 101

College Spanish changed to College Spanish with Writing Level 1 & 2\*\* 55 SPA 101 & SPA 102

College Spanish changed to College Spanish with Writing Level 1 & 2\*\* 66 SPA 101 & SPA 102 & SPA 201

College Spanish changed to College Spanish with Writing Level 1 & 2\*\* 68 SPA 101, SPA 102, SPA 201 & SPA 202

Financial Accounting exams eliminated

Information Systems AWC equivalent changed to CIS 120

Intro: Educational Psychology title changed to Educational Psychology, Intro to

Natural Sciences exams eliminated

p.14 noted added: \*\*If you are transferring the CLEP exam credit to Arizona Western College the only CLEP allowed for Spanish credit is Spanish with Writing Level 1 & 2.

### Revised 8/10/21

p. 93, add in missing certificate information

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Computed Tomography

Certificate

Major Code: CERT.RADCT

Contact: Career and Technical Education Division

(928) 344-7567

Program Purpose: The Computed Tomography (CT) certificate will provide technologists with the opportunity to learn CT Imaging Technology, to gain practical clinical skills and to be prepared academically to sit for the American Registry of Radiologic Technologists (ARRT) CT Registry Examination.

CT Certificate completers will enhance their job opportunities and become eligible to work with hybrid imaging systems that include CT such as PET/CT or SPECT/CT.

Program Description: This certificate is appropriate for technologists wishing to enter the field of CT imaging who have no previous CT experience as well as technologists who have worked in CT without extensive formal training. It allows them to meet the new requirements for ARRT Certification, clinical practice for documentation of 125 exams and 16 hours of structured educational classes.

Program Requirements: Must be American Registry of Radiologic Technologists (ARRT) Certified in Radiologic Technology

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A. Required major courses: . . . . . 25

RCT 230 Introduction to Computed Tomography (CT)	2
RCT 231 Computed Tomography Clinical 1	3
RCT 232 Physics of Computed Tomography(CT)	3
RCT 233 Computed Tomography (CT) Positioning Protocols and Contrast Media	4
RCT 234 Computed Tomography Clinical 23	
RCT 235 Cross Sectional Anatomy . . . . .	3
RCT 236 Cardiac CT, Planar and Volumetric Post Processing . . . . .	4
RCT 237 Computed Tomography Clinical	33

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Total credits required for degree: . . . . . 25

**Revised 8/18/21**

p, 211, MAT 220 prerequisite: MAT 150 and MAT 183 or MAT 151 and MAT 183 or MAT 187

p, 189, EMS 152 Basic Emergency Medical Technican, 12 cr, 456 hours lec/lab, 50 hours clin

Prerequisite

1. Appropriate reading score
2. Student must submit application and must fulfill requirements of Arizona Department of Health Services before being accepted into the Arizona Western College EMT Program.
3. Applicant needs to be at least 18 years of age.

Course Description

Intensive study of all techniques of emergency care currently considered as responsibilities of the Emergency Medical Technician. Development of skills in recognizing signs and symptoms of illness and injury, and proper procedures of emergency care. Study of anatomy, physiology, triage, patient assessment, and stabilization of patients.

p, 132, Medical Assistant, Associate of Applied Science: change English requirement to six credits from ENG 100, ENG 101, ENG 107, ENG 102, ENG 108

**Revised 8/30/21**

pp. 49, 53, 68, 71, GLG 101 Introduction to Geology 1 (Physical) and GLG 102 Introduction to Geology 1 (Historical) added to the AGECS Physical and Biological Sciences sequence options

pp. 104, 105, credits listed for ECE 145 changed to 2 from 3. Total credits for the AAS in Early Childhood Education changed to 63-64 from 64. Total credits for the Certificate in Early Childhood Education changed to 21-22 from 22.

**Revised 9/2/21**

p. 74, new certificate

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Advanced Detention Officer  
Training  
Certificate

Major Code: CERT.ADET

Contact: Career and Technical Education (928) 344-7567

Program Purpose: Graduates will demonstrate an advanced level of knowledge and skills in corrections to help their obtain employment and or a promotion within their field.

Program Description: This program is an advanced course of study in correctional operations, to include ethics and professionalism, correctional law, courtroom and correctional facility security, crime scene management, conflict and crisis management, leadership and management, prisoner classification, special populations, restraint procedures and devices, and medical and mental health issues. Applicants must meet program acceptance requirements

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A. Required major courses: . . . . . 8

DET 262 Advanced Detention Officer Training 8

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Total credits required for certificate: . . . . . 8

p. 102, new certificate

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Detention Officer  
Training Academy  
Certificate

Major Code: CERT.DET

Contact: Career and Technical Education (928) 344-7567

Program Purpose: Graduates will demonstrate basic knowledge in corrections that will prepare them for an entry-level position within the field.

Program Description: This program is an introduction to correctional operations: ethics and professionalism, communication, custody and control, conflict and crisis management, problem solving, officer integrity, hostage survival, riot control measures, defensive tactics, CPR/AED for first responders, medical and mental health issues, and field experience. Applicants must meet program acceptance requirements

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A. Required major courses: . . . . . 16

DET 160 Detention Officer Training Academy 1 10

DET 260 Detention Officer Training Academy 2 6

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Total credits required for certificate: . . . . . 16

p. 121, new certificate

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Google IT/AWS Joint Certificate  
Certificate

Major Code: CERT.GAWS

Contact: Career and Technical Education (928) 344-7567

Program Purpose: To provide students with an education in AWS cloud services, customer service, troubleshooting skills, and systems administration that will enable them to gain employment in IT.

Program Description: This certificate is designed to provide CTED learners with a working knowledge in troubleshooting, customer service, networking, operating systems, system administration, security, the fundamentals of building IT infrastructure on Amazon Web Services (AWS) and optimizing the use of AWS Cloud and how they fit into cloud-based solutions.

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A. Required major courses:	17
CIS 175 Computer Security	3
PIT 100 IT Support: Technical Support Fundamentals	2
PIT 101 IT Support: Computer Networking	3
PIT 102 IT Support: Operating Systems	3
PIT 103 IT Support: System Administration	2
PIT 104 IT Support: IT Security and Google Certification	2
PIT 130 Amazon Web Services Academy Cloud Foundations	2

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Total credits required for certificate: 17

p. 133, new certificate

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Medical Coding and Billing  
Certificate

Major Code: CERT.MCB

Contact: Career and Technical Education (928) 344-7567

Program Purpose: Prepares student for national certification and have the technical skills needed to enter the healthcare industry as an entry-level medical coder/biller.

Program Description: Students will learn the fundamentals of medical coding and billing and are prepared to take the Certified Professional Coder (CPC?) exam from the American Academy of Professional Coders (AAPC). Program topics include medical terminology; anatomy and physiology; introduction to computer systems; computer applications in healthcare technologies; health information management systems; reimbursement cycle management process; insurance plans; health law; HIPAA; diagnostic and procedural coding; coding compliance and auditing; physician and hospital billing; Medicare, Medicaid, and TRICARE. Students receive training on ICD-10-CM/PCS, CPT, and HCPCS code assignment.

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A. Program Prerequisites:

Admission into Medical Coding and Billing program  
Reading score of 219 or higher

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A. Required major courses: . . . . . 28

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AHE 101 Medical Terminology . . . . .	3
BIO 160 Intro to Human Anatomy and Physiology	4
CIS 120 Introduction to Computer Information Systems	3
MCB 100 Intro to Health Information Management	3
MCB 130 Computer Applications and Healthcare Technologies	3
MCB 160 Revenue Cycle Management Process, Compliance & Regulatory	3
MCB 200 CPC Medical Coding and Billing Training & Health Law	6
MCB 230 CPC Certification Exam Prep and Professional Practice	3

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Total credits required for degree: . . . . . 28

p. 138, new certificate

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Phlebotomy Technician  
Certificate

Major Code: CERT.PLB

Contact: Career and Technical Education (928) 344-7567

Program Purpose: Prepares student to have the technical skills needed to enter the healthcare industry as an entry-level phlebotomist.

Program Description: Phlebotomy Technician program is designed to teach the knowledge in technical and procedural aspects of basic phlebotomy, including collection of blood specimens and venipuncture required to become a Phlebotomy technician. The Phlebotomy Technician program includes theory and hands-on instruction.

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A. Program Prerequisites:

Admission into the Phlebotomy Technician Program  
Reading score of 219 or higher

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B. Required major courses:

AHE 101 Medical Terminology . . . . .	3
BIO 160 Introduction to Human Anatomy & Physiology	4
CIS 120 Introduction to Computer Information Systems	3
PLB 101 Phlebotomy Technician Training	6

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Total credits required for certificate: . . . . . 16

## Welding for Manufacturing-Advanced Certificate

Major Code: CERT.WLDMA

Contact: Career and Technical Education (928) 344-7567

Program Purpose: Graduates will demonstrate fundamental quality control, inspection, basic tool operations, use of an oxy-fuel torch, and welding processes applicable to manufacturing plant maintenance and repairs.

Program Description: Graduates will demonstrate fundamentals of materials science, metallurgy; safety and the fundamentals of welding project management, creation of bills of materials and use of blueprints for project production; the fundamentals of Flux Core Arc Welding (FCAW) welding process for carbon steel for fabrication and repairs; the fundamentals of Gas Tungsten Arc Welding (GTAW) welding process for carbon steel, aluminum, and stainless steel for fabrication and repairs; and the fundamentals of welding design and fabrication applicable to manufacturing, fabrication, and repairs.

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A. Required major courses: . . . . . 12

MFG 195 Material Science and Metallurgy	3
WLD 104 Techniques in Flux Core Arc Welding	3
WLD 108 Techniques in Gas Tungsten Arc Welding	3
WLD 125 Techniques in Gas Metal Arc Welding	3

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Total credits required for certificate: . . . . . 12

### **Revised 9/29/21**

pp. 211, MAT 220 prerequisite should read MAT 150 and MAT 183 or MAT 151 and MAT 183 or MAT 187

### **Revised 10/5/21**

pp. 17, Addition between Program Choice and Transfer Degrees

### **Program of Study**

Your program of study, also known as your major, determines all the courses required to earn your degree or certificate from Arizona Western College. It is important that your AWC record reflect your current Program of Study and catalog of record.

### **Changing your Program of Study**

If you need to change your program or update your program's catalog year, you will need to complete the Change of Major request form. If you need assistance selecting a program of study, you are highly encouraged to meet with an Academic Advisor.

Your chosen program/major determines the courses for which you can receive VA benefits and may impact your financial aid eligibility.

For students enrolled in 16 week courses a change of program/major is only allowed during the add/drop period. Students beginning enrollment in a late start courses, change of major is allowed during the add/drop period for that term.

pp. 20, Addition to Adds and Drops section, "Change for program/major will only be allowed during add/drop of each term of enrollment."

pp. 25, The following text replaces all information on p.25.

### **Academic Standing**

The following policies apply only to students who have attempted 12 or more credits at AWC. Students must maintain at least a cumulative grade-point average (GPA) of 2.000.

Academic Standing will be recalculated each semester-to include Fall, Spring and Summer.

**Academic Warning** is in affect when a student's cumulative GPA falls under a 2.0.

**Academic Probation** is in affect when a student on Academic Warning fails to maintain at least a 2.0 cumulative GPA.

### **Academic Probation Requirements**

1. Develop an Academic Improvement Plan and sign an Educational Contract with a Career and Academic Advisor.
2. Meet with a Career and Academic Advisor at least three times during the semester.
3. Attend designated workshop-information will be provided upon availability.

A student on Academic Probation will not be permitted to enroll in more than:

- 12 credits each semester (Fall/Spring)
- 6 credits in the Summer Semester
- 3 credits in the Winter Semester

**Continued Academic Probation** is in affect when a student on Academic Probation fails to maintain at least a 2.0 semester GPA. Student will be required to follow Academic Probation Requirements (see above).

A student on Continued Academic Probation will not be permitted to enroll in more than:

- 6 credits each semester (Fall/Spring)
- 3 credits in the Summer Semester
- 3 credits in the Winter Semester

pp. 264, Other AWC Campus Centers updated

Arizona Western College - Parker Learning Center  
1109 South Geronimo Avenue  
Parker, AZ 85344-1976

Arizona Western College - San Luis Center  
1340 North 8th Avenue  
San Luis, AZ 85349-2009

Arizona Western College - Downtown Center  
1351 South Redondo Center  
Yuma, AZ 85365-2032

Arizona Western College - Somerton Center  
1011 North Somerton Avenue  
Somerton, AZ 85350-0000

Arizona Western College - San Luis Technology Institute  
1135 North Main Street  
San Luis, AZ 85349-0000

Arizona Western College - AWC LETA Facility  
1280 West Desert Hills Drive  
Yuma, AZ 85364-1125  
Arizona Western College - Arizona State Prison Complex  
7125 East Cesar Chavez Boulevard  
Yuma, AZ 85356-6836

Arizona Western College - Aztec High School  
2440 West 28th Street  
Yuma, AZ 86364-6955

Arizona Western College - M.C.A.S. Education Center  
Marine Corps Air Station  
Building 850 PO Box 92500  
Yuma, AZ 85369-2500

Arizona Western College - Quartzsite Fire Station  
70 Tyson Street  
Quartzsite, AZ 85346-1899

Arizona Western College - Quartzsite Learning Center  
695 North Kofa Avenue  
Quartzsite, AZ 85346-0359

Arizona Western College - STEDY  
899 East Plaza Circle  
Yuma, AZ 85365-2043

Arizona Western College - Vista High School  
3150 South Avenue A  
Yuma, AZ 85364-7928

Arizona Western College - Wellton Learning Center  
28851 County 12th Street  
Wellton, AZ 85356-6712

Arizona Western College - Yuma Catholic High School  
2100 West 28th Street  
Yuma, AZ 86364-6938

Arizona Western College - Yuma Fire Station 5  
6490 East 26th Street  
Yuma, AZ 85365-1125

Arizona Western College - Yuma County Sheriff's Office  
141 South 3rd Avenue  
Yuma, AZ 85365-0701