2024-2025 CATALOG ADDENDUM

The contents of this addendum supercede the content specified in the 2024-2025 catalog where noted. Contents of the 2024-2025 catalog not revised in this addendum remain in effect. The unrevised content of the 2024-2025 catalog and the revised content of this addendum are valid for the 2024-2025 academic year.

Page numbers are those of the 2024-2025 Catalog.

Revised 4/2/24

P. 100, new certificate

Cybersecurity

Certificate

Major Code: CERT.GYC

Contact: Reskilling & Technology Center (928) 317-7674

Program Purpose: An introduction to the field of Cybersecurity which will teach learners how to identify common risks, threats, and vulnerabilities, as well as the techniques to mitigate them. This certificate will prepare learners for entry-level cybersecurity roles by allowing hands-on experience with industry recognized tools including Python, Linux and many other security tools like Security Information and Event Management (SIEM) programs.

Program Description: This certificate will prepare learners for entry-level cybersecurity roles by allowing hands-on experience with industry recognized tools and Security Information and Event Management (SIEM) programs.

A. Required major courses:. 9

    PIT-110 Cybersecurity. 9

Total credits required for degree: 9

Revised 4/30/24

P. 119, Nursing AAS, revised Competencies/Student Learning Outcomes

Program graduates are expected to:

1. Recognize the patient or designee as the source of control and full partner in providing compassionate and coordinated care based on respect for patient's preferences, values, and needs (Patient-Centered Care)

2. Function effectively within nursing and inter-professional teams, fostering open communication, mutual respect, and shared decision-making to achieve quality patient care (Teamwork & Collaboration)

3. Integrate best current evidence with clinical expertise and patient/family preferences and values for delivery of optimal health care (Evidence-Based Practice (EBP))

4. Use data to monitor the outcomes of care processes and use improvement methods to design and test changes to continuously improve the quality and safety of health care systems (Quality Improvement (QI))

5. Minimize risk of harm to patients and providers through both system effectiveness and individual performance (Safety)

6. Use information and technology to communicate, manage knowledge, mitigate error, and support decision making (Informatics)

7. Practice accountability during delivery of standard-based nursing care that is consistent with moral, altruistic, legal, ethical, regulatory, and humanistic principles (Professionalism)

8. The Nurse of the Future will interact effectively with patients, families, and colleagues, fostering mutual respect and shared decision making, to enhance patient satisfaction and health outcomes (Communication)

Revised 5/6/24

P. 100, new certificates

Fortinet Certified Associate Cybersecurity

Certificate

Major Code: CERT.FCA

Contact: Reskilling & Technology Center (928) 317-7674

Program Purpose: The program aims to provide individuals with the opportunity to acquire cybersecurity skills and knowledge that are in high demand in the industry. The program focuses explicitly on Fortinet network security technologies and offers training and certification courses related to the Fortinet Network Security Expert (NSE) certification.

Program Description: This program uses Fortinet network security technologies to provide students with hands-on lab experiences, enabling them to apply their theoretical knowledge in practical settings. The curriculum covers the fundamentals of operating the most common FortiGate features. This practical experience helps students develop a deeper understanding of network security concepts and enhances their ability to address cybersecurity challenges. It prepares students for an associate-level credential.

A. Required major courses:. 3

    PIT-140 Fortinet Certified Associate (FCA) in Cybersecurity 3

Total credits required for certificate: 3

Fortinet Certified Professional Cybersecurity

Certificate

Major Code: CERT.FCP

Contact: Reskilling & Technology Center (928) 317-7674

Program Purpose: The program aims to allow individuals to acquire cybersecurity skills and knowledge that are in high demand in the industry. The program focuses explicitly on Fortinet network security devices, public cloud devices, VMs, and security operations devices. The certification courses are related to the Fortinet Network Security Expert (NSE) professional-level certification.

Program Description: This program uses Fortinet network security technologies to provide students with hands-on lab experiences, enabling them to apply their theoretical knowledge in practical settings. The curriculum covers secure networks and applications by deploying, managing, and monitoring Fortinet network security products, public cloud products, and security operations products. This practical experience helps students develop expertise in network security concepts and enhances their ability to address cybersecurity challenges. It prepares students for three professional-level credentials.

A. Required major courses:. 3

    PIT-141 Fortinet Certified Professional Cybersecurity 3

Total credits required for certificate: 3

Fortinet Certified Solution Specialist

Certificate

Major Code: CERT.FCS

Contact: Reskilling & Technology Center (928) 317-7674

Program Purpose: The program aims to allow individuals to acquire cybersecurity skills and knowledge that are in high demand in the industry. The program focuses explicitly on Fortinet network security devices, public cloud devices, VMs, and security operations devices. The certification courses are related to the Fortinet Network Security Expert (NSE) professional-level certification.

Program Description: This program uses advanced Fortinet network security technologies to provide students with hands-on lab experiences, enabling them to apply their theoretical knowledge in practical settings. The curriculum covers designing, administering, monitoring, and troubleshooting Fortinet operational technology (OT) security solutions, security operations infrastructure, and Zero Trust Access (ZTA). This practical experience helps students develop expertise in network security concepts and enhances their ability to address cybersecurity challenges. It prepares students for five specialist-level credentials.

A. Required major courses:. 3

    PIT-142 Fortinet Certified Solutions Specialist Cybersecurity 3

Total credits required for certificate: 3

Fortinet Certified Expert

Certificate

Major Code: CERT.FCX

Contact: Reskilling & Technology Center (928) 317-7674

Program Purpose: The program aims to allow individuals to acquire cybersecurity skills and knowledge that are in high demand in the industry. The program focuses explicitly on Fortinet network security devices, public cloud devices, VMs, and security operations devices. The certification courses are related to the Fortinet Network Security Expert (NSE) expert-level certification.

Program Description: This program uses expert Fortinet network security technologies to provide students with hands-on lab experiences, enabling them to apply their theoretical knowledge in practical settings. The curriculum covers expert knowledge of network security design, configuration, and troubleshooting for complex networks. This practical experience helps students develop expertise in network security concepts and enhances their ability to address cybersecurity challenges. It prepares students for the expert-level credential.

A. Required major courses:. 3

    PIT-143 Fortinet Certified Expert Cybersecurity 3

Total credits required for certificate: 3

P. 274, Locations added:

Freedom Christian Academy

11750 S. Mesa Dr.

Yuma, Arizona 85367

Harvest Prep Academy

350 E. 18th St.

Yuma, Arizona 85364

Parker High School

1600 S. Kofa Ave

Parker, Arizona 85344

PPEP Tec Charter High School

850 San Luis Plaza Dr.

San Luis, Arizona 85349

Salome High School

67488 Salome Rd.

Salome, Arizona 85348

San Luis High School

1250 N. 8th Ave

San Luis, Arizona 85349

Somerton High School

1093 Jefferson St.

Somerton, Arizona 85350

Yuma High School

400 S. 6th Ave

Yuma, Arizona 85634

Revised 5/8/24

P. 100, Data Analytics certificates total credits changed from 4 to 9

P. 248, PIT 105 Google Data Analytics Professional changed from 4 credits to 9 credits

Revised 5/21/24

P. 32, Added new heading and policy

Records

Effective July 1, 2024, Arizona Western College does not withold academic transcripts due to financial balances owed by the student.

Revised 6/4/24

P. 70, New degree

Associate in Applied Science (A.A.S.)

Major Code: AAS.OPT

Contact: Advisement Services (928) 344-7624

Program Purpose: Graduates will demonstrate basic knowledge in general education and one or more career and technical disciplines.

Program Description: The Associate in Applied Science degree is designed for students who are undecided about a career and technical education major. As such, students are asked to complete two steps:

1. complete the general education requirements

2. create a block of credits (to meet the required 60 credit program minimum), numbered 100 or higher, in consultation with an academic or faculty advisor. Students should select courses based on exploring various fields of interests.

A. Electives: complete enough courses to meet
   program requirement of 60 credits

B. General Education Requirements:. 21

   Freshman Composition (ENG 100, ENG 101 or 107,
   ENG 102 or 108) 6
   Mathematics (MAT 142 College Mathematics
   with Applications or approved higher level math). 3
   Arts and Humanities 3
   Social and Behavioral Sciences 3
   Physical and Biological Sciences 4
   Additional Courses (see the AAS Additional Courses list for possible selections)   2

Total credits required for degree:. 60

Revised 6/6/24

P. 149, Electrical Technology Apprenticeship, corrected prerequisite for ECT 220:

*Course Prerequisite:

ECT 220 prerequisite: ECT 110 and ECT 115

Revised 6/12/24

P. 158, New certificate

Commercial Driver's License

Certificate

Major Code: CERT.CDL

Contact: Entrepreneurial College (928) 344-7752

Program Purpose: The Commercial Driver's License (CDL) Occupational Certificate Program is designed to equip individuals with the essential skills and knowledge required to obtain a commercial driver's license and pursue a successful career in the transportation and logistics industry. This comprehensive program covers both theoretical and practical aspects of commercial driving, ensuring participants are well-prepared for the challenges of the road.

Program Description: The certificate will allow completers to enhance their theoretical and practical aspects of commercial driving, ensuring participants are well-prepared for the challenges of the road.

A. Required major courses:. 12

CDL 101 Introduction to Arizona CDL 3
CDL 102 Safe Operating Practices 3
CDL 103 Vehicle Control. 3
CDL 104 General Driving and Testing 3

Total credits required for certificate: 12

Revised 7/29/24

P. 149, New certificate

Electronics Technician

Certificate

Major Code: CERT.ETECH

Contact: Entrepreneurial College (928) 785-4175

Program Purpose: Advanced electronics and test technology certification training designed to mitigate current skill gaps and serve as an opportunity for career/advancement in electronic technologies fields.

Program Description: This program provides graduates with the essential skills required of an entry level employee in the electronics manufacturing and testing industries.

A. Required major courses: 8

ECT 120 Electronics and Test Technology I 4
ECT 121 Electronics and Test Technology II. 4

Total credits required for certificate:. 8

Revised 8/1/24

P. 243, New courses

PER 118 Resistance Training for Varsity Sports

3 cr, 2 lec, 2 lab

The collegiate athlete will apply the skills and understanding of resistance training to enhance sport performance. Athlete will develop a structural foundation and understanding of muscle groups.

NOTE: Collegiate Athlete Member only

PER 112 Team Building Conditioning for Varsity Sports

3 cr, 2 lec, 2 lab

This course is designed for collegiate athletes focusing on fundamental concepts and basic team building to enhance athletic performance.

NOTE: Collegiate Athlete Member only

Revised 8/5/24

P. 217, New course

LGS 111 Basic Logistics

3 cr, 3 lec

In this introductory Logistics course, we will explore the backbone of global trade. This course encompasses the three major building blocks of logistics networks: transportation, warehousing, and inventory. After completing this course, students will be able to differentiate the advantages and disadvantages of different modes of transportation. Students will understand what goes into designing and setting up a warehousing facility. Finally, they will be able to select the options that enable students to develop logistics networks that minimize costs and deliver top customer service.

Revised 8/6/24

P. 243, Modified courses

PER 113 Strength and Conditioning Training

3 cr, 2 lec, 2 lab

Instruction and application of various (sport specific) methods used to increase strength and improve the physical condition of the collegiate athlete.

NOTE: Collegiate Athlete Member only

PER 116 Speed and Agility

3 cr, 2 lec, 2 lab

This class will provide instruction and practice in the skills and understanding of conditioning and agility training for the college athlete.

NOTE: Collegiate Athlete Member only

Revised 8/12/24

P. 32,

Records

Arizona Western College will not withhold official transcripts or take any other negative action against a student related to a balance owed by the student that resulted from an error in the institution's administration of the title IV, HEA programs, or any fraud or misconduct by the institution or its personnel.

Revised 8/27/24

P. 259, New courses

WED 202 Introduction to Health Coaching

4 cr, 4 lec

This course is designed to provide students with a comprehensive understanding of principles and processes involved in wellness coaching.

WED 225 Professional Skills & Ethics of a Health & Wellness Coach

4 cr, 4 lec

This course provides an in-depth exploration of the professional skills and ethical principles necessary for being an effective health coach. Students will engage in topics such as decision making, client confidentiality, professional boundaries, and the legal responsibilities of being a health coach.

PRE: WED 202

Revised 9/23/24

P. 217, New courses

LGS 112 Foundational Planning, Procurement, and Service Operations

3 cr, 3 lec

Provides foundational insights of key elements of logistics with a focus on sales operations, demand forecasting, replenishment planning, manufacturing services, sourcing strategies, and transaction execution.

LGS 113 Overview of Supply Chain Principles with U.S.-Mexico Border Emphasis

3 cr, 3 lec

Provides the essential knowledge and practical skills in logistics and supply chain management, focusing on the unique challenges and opportunities presented by the U.S.–Mexico border region. Students will gain an understanding of customs regulations, trade agreements, and cultural considerations that influence supply chain operations.

Revised 10/14/24

P. 159, New certificates

Flooring Installation Technician- Resilient

Certificate

Major Code: CERT.FITR

Contact: Entrepreneurial College (928) 785-4175

Program Purpose: This program provides graduates with the essential skills required of an entry level employee in resilient flooring installation.

Program Description: Introduces students to the types of flooring and installation procedures used in the resilient flooring processes. Topics covered include resilient flooring types, moisture identification, cutting, adhesives and grout, dead zone and floating floors, and measuring and estimating.

A. Required major courses:. 2

    FLR 102 Flooring Installation Technician - Resilient. 2

Total credits required for certificate: 2

Flooring Installation Technician- Tile

Certificate

Major Code: CERT.FLR

Contact: Entrepreneurial College (928) 785-4175

Program Purpose: This program provides graduates with the essential skills required of an entry level employee in tile installation.

Program Description: Provides instruction in the principles and practices of tile flooring installation. Emphasis is placed on the acquisition of knowledge and skills in the areas of safety, tools, substrate prep, layout, tile cutting, mortar and grout application. A modeled real world lab environment is utilized to reinforce and apply learned skills and techniques.

A. Required major courses:. 2

    FLR 101 Flooring Installation Technician - Tile 2

Total credits required for certificate: 2

Revised 10/21/24
P. 94, New certificate

Basic Logisitcs

Certificate

Major Code: CERT.LGS1

Contact: Entrepreneurial College (928) 314-9449

Program Purpose: To obtain a certificate in Basic Logistics.

Program Description: In this program students will delve into the essentials of global trade infrastructure. This certificate covers the three core components of logistics networks: transportation, warehousing, and inventory management. Upon completion, students will be able to identify the pros and cons of various transportation methods. They will gain insights into the design and establishment of warehousing facilities. Ultimately, they will be equipped to make choices that help create logistics networks optimized for cost-efficiency and excellent customer service.

A. Required major courses:. 3

    LGS 111 Introduction to Logistics 3

Total credits required for certificate: 3

Revised 10/24/24
P. 200, New course

EOT 100 Energy Optimization Technology
4 cr, 3 lec, 2 lab

This course introduces students to the principles of optimization and their applications in energy systems. Topics include fundamental optimization techniques, modeling of energy systems, and solving key decision-making problems in electric power and energy markets. Students will learn how to apply these techniques to improve efficiency, reduce costs, and optimize resource allocation within energy markets.

Revised 11/7/24

P. 194, New courses

ECT 122 Electronics Instrumentation I

4 cr, 3 lec, 3 lab

This course provides students with essential skills in data acquisition instrumentation.

ECT 123 Electronics Instrumentation II

4 cr, 3 lec, 3 lab

This course provides students with essential skills in data acquisition systems.

Revised 11/25/24

New certificates

P. 116

Grief and Bereavement

Certificate

Pathway: CERT

Major Code: CERT.GAB

Contact: Allied Health (928) 344-7552

Program Purpose: The program fulfills a need in the state of Arizona to support mental health. NAMI reported that over 40% of adults in Arizona report the need for mental health support, and over 25% of those are unable to get the help they need. This has become a growing problem beginning after the pandemic, which brought feelings of grief to a lot of Arizonans with losses beyond the loss of loved ones

Program Description: This program is designed to introduce students to the field of Thanatology and address basic principles of Thanatology. The program examines culturally relevant techniques for the support and assistance of the dying and bereaved. The certificate offers an interdisciplinary and scientific approach to the study of the dying and grieving processes; social attitudes towards death and loss; suicide prevention education; and the social and psychological aspects of grief and bereavement.

Required major courses: 10

    AHE 170 Foundations of Grief and Bereavement 2
    AHE 171 Essential Topic in Grief and Bereavement 2
    AHE 172 Grief in Children and Teens 2
    AHE 173 Diversity in Grief and Bereavement 2
    AHE 174 Palliative and Hospice Care 2

Total credits required for degree: 10

P. 143

Heating, Ventilation, & Air Conditioning(HVAC) Helper 1

Certificate

Major Code: CERT.HELP1

Contact: Entrepreneurial College (928) 344-7752

Program Purpose: This certificate will provide graduates with the basic knowledge in air conditioning and refrigeration to enable them to obtain an entry

level position in the field.

Program Description: This program provides an introduction to air conditioning and refrigeration, covering essential tools, materials, and system components. Emphasis is placed on understanding the relationship and function of each part within HVAC systems. The advanced portion delves into various refrigerants, metering devices, and sealed systems, along with theory, installation practices, and service procedures for hermetic and semi-hermetic systems, including compressor replacement. Ample hands-on experience reinforces these skills.

Required major courses: 6

    ACR 101 Air Conditioning and Refrigeration 1. 3

    ACR 102 Air Conditioning and Refrigeration 2. 3

Total credits required for certificate: 6

Fundamentos de Electricidad

Certificate

Major Code: CERT.ECTSP

Contact: Entrepreneurial College (928) 785-4175

Program Purpose: Spanish speaking graduates will demonstrate basic knowledge in electrical wiring that will prepare them to obtain an entry-level position within the field and critical thinking skills in AWC's General Education focus areas.

Program Description: Provides graduates with the essential skills required of an entry-level employee in the electrical wiring industry. Program curriculum is aligned with National Center for Construction Education Research standardized national skills standards for the construction trades

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Required major courses: 15

    ECT 105 Basic Electricity. 3

    ECT 110 AC/DC Circuits 4

    ECT 115 National Electrical Code 3

    TEC 100 Core Curriculum Introductory Craft Skills 5

Total credits required for certificate: 15

Revised 12/3/24

Course title correction

    WLD 125 Welding Design, Layout and Fabrication 3

Revised 1/13/25

New certificates

Foundational Planning, Procurement, and Service Operations

Certificate

Major Code: CERT.LGS2

Contact: Entrepreneurial College (928) 314-9449

Program Purpose: Students will learn the planning, procurement, and service operations of logistical operations.

Program Description: Students will learn essential elements of logistics with a focus on sales operations, demand forecasting, replenishment planning, manufacturing services, sourcing strategies, and transaction execution. Students will be equipped with the skills to manage the planning and procurement process-

es necessary to succeed in supply chain operations.

Required major courses: 3

    LGS 112 Foundational Planning, Procurement, and Service Operations   3

Total credits required for degree: 3

Overview of Supply Chain Principles with U.S.-Mexico Border Emphasis

Certificate

Major Code: CERT.LGS3

Contact: Entrepreneurial College (928) 314-9449

Program Purpose: To learn about supply chain principles emphasizing the U.S. - Mexico border.

Program Description: Students will gain knowledge and practical skills in logistics and supply chain management, focusing on the unique challenges and opportunities presented by the U.S. -Mexico border region. Students will gain an understanding of customs regulations, trade agreements, and cultural considerations that influence supply chain operations.

Required major courses: 3

    LGS 113 Overview of Supply Chain Principles with U.S. Mexico Border Emphasis   3

Total credits required for degree: 3

P. 152

Electric Vehicle (EV) Safety

Certificate

Major Code: CERT.EVS

Contact: Entrepreneurial College (928) 314-9435

Program Purpose: To equip students with foundational knowledge and skills for entry-level careers in electric vehicle maintenance, installation, and infrastructure support, emphasizing sustainability and clean energy solutions.

Program Description: These courses provide a comprehensive introduction to electric vehicles and their charging systems, covering key technologies, components, economic aspects, and hands-on labs with a focus on battery technology, powertrains, safety, and the installation and troubleshooting of EV charging infrastructure.

Required major courses: 6

    EVT 100 Fundamentals of Electrical Technology for Electric Vehicles   3
    EVT 101 Introduction to Electric Vehicles 3

Total credits required for certificate: 6

Electric Vehicle (EV) Technician Level 1

Certificate

Major Code: CERT.EVT

Contact: Entrepreneurial College (928) 314-9435

Program Purpose: To prepare students for advanced roles in electric vehicle diagnostics, motor systems repair, and comprehensive troubleshooting, enabling

them to support the growing demand for skilled EV technicians.

Program Description: These courses offers an in-depth study of EV motors, focusing on DC and AC systems, maintenance, repair practices, and hands-on labs to equip students

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Required major courses: 7

    EVT 102 EV Charging Systems and Infrastructure 3

    EVT 150 Advanced EV Motors and Powertrains 4

Total credits required for certificate: 7