



Aims Community College

Spring 2023 Addendum

The Spring 2023 Addendum contains programs and courses effective for Spring 2023 term. The programs and courses will be published to the 2023-2024 catalog.



New Programs

Manufacturing Operations Certificate Program (CERTIT21)

College of Business & Technology; Department of Industrial Technology

Certificate Requirements:

| | | |
|----------|------------------------------------|------------|
| MTE 1101 | Introduction to Manufacturing | Credits: 3 |
| MTE 1102 | Safety Manufacturing Environment | Credits: 1 |
| PRO 1000 | Introduction to Process Technology | Credits: 4 |
| PRO 1300 | Process Technology I: Equipment | Credits: 4 |
| PRO 1340 | Instrumentation I | Credits: 3 |
| PRO 2700 | Industrial Troubleshooting | Credits: 4 |
| PRO 2800 | Quality in Process Technology | Credits: 3 |

Total Credits for Certificate: 22

Robotics Certificate Program (CERTIT23)

College of Business & Technology; Department of Industrial Technology

Certificate Requirements:

| | | |
|----------|---|------------|
| ELT 1206 | Fundamentals of DC/AC | Credits: 4 |
| ELT 2348 | Automation Control Circuits | Credits: 3 |
| ELT 2358 | Programmable Logic Controllers | Credits: 3 |
| ELT 2359 | Advanced Programmable Logic Controllers | Credits: 3 |
| ELT 2367 | Introduction to Robotics | Credits: 1 |
| ELT 2368 | Robotics Technologies | Credits: 3 |

Total Credits for Certificate: 17

Public Safety Bachelor of Applied Science Program (BASPS01)

College of Public Safety, Transportation, and Workforce Development

Admissions Requirements: Students must have completed a relevant associate degree of 60+ credits from a regionally accredited institution. Relevant degrees would include, but are not limited to: Criminal Justice, Emergency Management, Emergency Medical Services, Fire Science Technology, Homeland Security, Law Enforcement, Paramedicine, Public Safety, or Wildland Fire.

General Education Requirements: AA or AAS Degree minimum 60 credits. Minimum 15 credits of General Education; 12 of the 15 credits must be General Education, Guarantee Transfer (GT) classes.

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|----------|---|------------|
| COM 1150 | Public Speaking | Credits: 3 |
| or | | |
| COM 1250 | Interpersonal Communication: GT-SS3 | Credits: 3 |
| ENG 1021 | English Composition I: GT-CO1 | Credits: 3 |
| MAT 1260 | Introduction to Statistics: GT-MA1 | Credits: 3 |
| POS 1025 | American State and Local Government: GT-SS1 | Credits: 3 |
| SOC 2018 | Sociology of Diversity: SS3 | Credits: 3 |

Program Requirements:

| | | |
|----------|----------------------------------|------------|
| ENG 1022 | English Composition II: (GT-CO2) | Credits: 3 |
| PHI 1012 | Ethics: (GT-AH3) | Credits: 3 |

- And one additional GT Pathways Arts & Humanities course (GT-AH3), minimum 3 Credits.
- One GT Pathways History course (GT-HI1)
- Two GT Pathways Natural & Physical Sciences courses (GT-SC1, GT-SC2); one of these courses must have the required laboratory (G-SC1)

Major Requirements:

| | | |
|----------|--|------------|
| ESA 3000 | Leadership for Emergency Executives | Credits: 3 |
| ESA 3020 | Designing Safer Communities: Pre-incident Planning and Risk Analysis | Credits: 4 |
| ESA 3025 | Public Policy and Practical Applications in Emergency Services | Credits: 3 |
| ESA 3030 | Budget and Planning Fundamentals for Emergency Administrators | Credits: 3 |
| ESA 4000 | Personal Management in Emergency Service Agencies | Credits: 3 |
| ESA 4020 | Research & Design for Emergency Administration | Credits: 3 |
| ESA 4089 | Capstone: Emergency Services Administration | Credits: 6 |

Elective Requirements:

(Minimum 16 credits)

| | | |
|----------|--|---------------|
| EMS 3010 | Behavioral Assessment | Credits: 3 |
| EMS 3011 | Motivational Interviewing for EMS | Credits: 3 |
| EMS 3012 | Trauma Informed Care and Assessment | Credits: 3 |
| EMS 3030 | Community Advocacy and Outreach | Credits: 3 |
| EMS 3031 | Community Assessment | Credits: 3 |
| EMS 4025 | Fundamentals of Advanced Paramedic Practice | Credits: 4 |
| EMS 4030 | Care and Prevention Development Strategies | Credits: 3 |
| EMS 4033 | Advanced Paramedic Medical Care | Credits: 4 |
| EMS 4035 | Advanced Paramedic Trauma Care | Credits: 3 |
| EMS 4089 | Capstone | Credits: 0-12 |
| ESA 3005 | Crisis Communication and Public Relations | Credits: 3 |
| ESA 3010 | Emergency Public Information and Media Training | Credits: 3 |
| ESA 3015 | Elements of Emergency Service Administration | Credits: 3 |
| ESA 4005 | Public Health in Complex Emergencies | Credits: 4 |
| ESA 4010 | Terrorism Threat and Risk Analysis | Credits: 3 |
| ESA 4015 | Tactical Planning, Response and Recovery | Credits: 4 |
| FST 3006 | Fire Company Supervision and Leadership Level 2 (Fire Officer II) | Credits: 3 |

Total Credits for Degree: 120

New Courses

ACC 1011, Introduction to Financial Accounting – Credits: 3

Focuses on financial accounting concepts prescribed by Generally Accepted Accounting Principles (GAAP), including financial information for external partners, the accounting cycle process, basic terminology, transaction analysis, internal control systems, and financial statement preparation and analysis. Course is not repeatable for credit.

ACC 1012, Introduction to Managerial Accounting – Credits: 3

Focuses on the fundamentals of managerial accounting and cost management as tools to aid internal users' decision-making processes. This course covers basic managerial accounting concepts, such as product costing and cost behavior and control. It also covers internal management decision making tools, including cost-volume-profit analysis, budgeting, cost analysis, and planning and control systems. Course is not repeatable for credit.

Prerequisite: ACC 1011 with a grade of "C" or better.

ART 2405, Portrait Photography – Credits: 3

Teaches the technical and aesthetic aspects of studio and location portrait photography. This course explores the personal style of portraiture, history of the field, and portraiture as a visual language and creative expression. This topic also includes lighting, composition, posing, and equipment selection. Course is not repeatable for credit.

AVT 1019, Air Traffic Operations & Career Development – Credits: 2

Focuses on instrument Flight Rules' (IFR) in the Air Traffic System, as well as the requisite competencies to be successful navigating the air traffic control industry. This course includes specific air traffic general procedures, aircraft recognition, aviation law, aviation safety and emergencies, problem-solving skills, and En Route Automation Modernization (ERAM) / En Route Decision Support Tool (EDST). Restricted to Air Traffic Control majors only. Course is not repeatable for credit.

Prerequisite: AVT 2045 with a grade of "C" or better.

FST 3006, Fire Co Supervisor and Leadership – Credits: 3

Addresses the requisite knowledge and skills required to perform at level 2 fire officer position in the National Fire Protection Association (NFPA) 1021, Fire Officer Professional Qualifications, 2020 edition. Subject areas of study delivers preparatory information for the State of Colorado Fire Officer II written exam and job performance requirement (JPR) evaluations. Course is not repeatable for credit.

Prerequisite: Department Approval is required.

IHP 1052, Meditation for Health – Credits: 1

Introduces the practice of fundamental meditation techniques for quieting the mind, reducing stress, and activating the Mind-Body connection to enhance one's overall health and sense of wellness. Course is not repeatable for credit.

MGD 1055, 3D Modeling I – Credits: 3

Introduces 3D Modeling software with an emphasis on modeling techniques for setting up scenes with texture maps and lighting. The course also covers how to import models from other programs. Course is not repeatable for credit.

MGD 2055, 3D Modeling II – Credits: 3

Examines 3D modeling software programs with an emphasis on organic modeling techniques and animation for setting up scenes with advanced procedural textural maps and lighting. Course is not repeatable for credit.

Prerequisite: MGD 1055 with a grade of "C" or better.

SOC 2007, Environmental Sociology: GT-SS3 – Credits: 3

Examines how humans' relationship with the environment is mediated by social stratification. Key topic areas include industrial and economic growth versus sustainability, natural resources development and management, cultural values, social movements, and comparative perspectives on people's relationship to the environment. Course is not repeatable for credit.