



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.

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
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.