



## Spring 2026 Academic Catalog Addendum

**Effective Term:** Spring 2026

### Introduction

The *Spring 2026 Addendum* serves as the official record of new academic programs and courses approved for implementation beginning in the Spring 2026 term. Although these additions are effective immediately for Spring 2026, they will be formally published in the *2026–2027 Academic Catalog*.

Students, faculty, and advisors should refer to this addendum for the most current information regarding program and course offerings.

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### New Programs

The following programs have been approved and will be available beginning Spring 2026. Click each program name below to view degree or certificate requirements in the catalog.

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#### Airframe (Certificate)

The Airframe Certificate equips students with the knowledge and hands-on skills needed to inspect, maintain, and repair aircraft structures in alignment with FAA standards. Designed as preparation for the FAA Airframe Certification exam, the certificate ensures graduates are ready to demonstrate both technical expertise and regulatory compliance for a career in aviation maintenance. [View Program Information](#).

*Note: This is a Selective Admissions program.*

#### General Education Requirements

| Course   | Credits |
|--|---------|
| MAT 1100 – Skilled Trades & Industrial Mathematics   | 2       |
| PHY 1030 – Physics for CTE Occupations; Auto/Diesel Tech, Weld Tech, Industrial Maint., Agriculture, Wind Tech | 2       |

#### Aviation Courses

| Course | Credits |
|--------|---------|
|--------|---------|

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|  |   |
|--|---|
| AMT 1101 – Aircraft Drawing  | 2 |
| AMT 1102 – Precision Measuring   | 2 |
| AMT 1103 – Materials, Hardware, and Processes                          | 3 |
| AMT 1104 – Aviation Electricity and Electronics                        | 4 |
| AMT 1105 – Cleaning and Corrosion, Inspection Concepts and Techniques  | 3 |
| AMT 1106 – Regulations, Maintenance Forms, Records, and Publications   | 3 |
| AMT 2101 – Metallic Structures   | 3 |
| AMT 2102 – Non-Metallic Structures, Composites, and Finishing          | 3 |
| AMT 2103 – Landing Gear, Hydraulics, and Pneumatics                    | 3 |
| AMT 2104 – Aircraft Electrical Systems and Basic Avionics              | 3 |
| AMT 2105 – Airframe Inspections, Flight Controls, Rotorcraft, and sUAS | 3 |
| AMT 2106 – Aircraft Systems  | 3 |
| AVT 1001 – Private Pilot Ground School                                 | 4 |

**Total Credits for Certificate:** 43

**Note:** All AMT and AVT courses must be completed with a grade of “C” or better.

**Note:** Students must earn a grade of “C” or higher in MAT 1100 and PHY 1030 to progress in or graduate from this program.

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### Cloud Systems Administration (Certificate)

Whether you’re new to IT or looking to expand your credentials, this program provides foundational knowledge and in-demand technical competencies that employers value. Courses combine expert instruction with practical, career-focused training that helps you build the technical skills and confidence needed to succeed in cloud and IT support roles. [View Program Information](#).

### Certificate Requirements

| Course                                  | Credits |
|---|---------|
| CIS 2020 – Fundamentals of UNIX         | 3       |
| CNG 1020 – A+ Certification Preparation | 4       |
| CNG 1024 – Networking I: Network +      | 3       |

|   |   |
|---|---|
| CNG 1025 – Networking II: Network +                 | 3 |
| CNG 1032 – Network Security Fundamentals            | 3 |
| CNG 1042 – Introduction to Cloud Computing Concepts | 3 |
| CNG 2040 – Virtual Environment Admin                | 3 |
| CNG 2042 – Cloud Computing                          | 3 |
| CNG 2043 – Cloud Security and Cyber Law             | 3 |

**Total Credits for Certificate: 28**

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### **Powerplant (Certificate)**

The Powerplant Certificate equips students with the knowledge and hands-on skills needed in the maintenance, troubleshooting, and repair of aircraft engines and related systems in alignment with FAA standards. Designed as preparation for the FAA Powerplant Certification exam, the certificate ensures graduates are ready to demonstrate both technical expertise and regulatory compliance for a career in aviation maintenance. [View Program Information.](#)

*Note: This is a Selective Admissions program.*

### **General Education Requirements**

| <b>Course</b>  | <b>Credits</b> |
|--|----------------|
| MAT 1100 – Skilled Trades & Industrial Mathematics   | 2              |
| PHY 1030 – Physics for CTE Occupations; Auto/Diesel Tech, Weld Tech, Industrial Maint., Agriculture, Wind Tech | 2              |

### **Aviation Courses**

| <b>Course</b>   | <b>Credits</b> |
|---|----------------|
| AMT 1101 – Aircraft Drawing   | 2              |
| AMT 1102 – Precision Measuring  | 2              |
| AMT 1103 – Materials, Hardware, and Processes                         | 3              |
| AMT 1104 – Aviation Electricity and Electronics                       | 4              |
| AMT 1105 – Cleaning and Corrosion, Inspection Concepts and Techniques | 3              |
| AMT 1106 – Regulations, Maintenance Forms, Records, and Publications  | 3              |

|   |   |
|---|---|
| AMT 2107 – Reciprocating Engines and Associated Systems | 9 |
| AMT 2108 – Turbine Engines and Associated Systems       | 6 |
| AVT 1001 – Private Pilot Ground School                  | 4 |

**Total Credits for Certificate: 40**

**Note:** All AMT and AVT courses must be completed with a grade of “C” or better.

**Note:** Students must earn a grade of “C” or higher in MAT 1100 and PHY 1030 to progress in or graduate from this program.

## New Courses

The following courses have been added to the Aims curriculum effective Spring 2026.

### **CNG 2040 – Virtual Environment Admin (3 Credits)**

Build and administer a hypervisor environment. Includes building of virtual machine (VM) infrastructure and skills such as patching, backing up and securing of both hypervisor and virtual machines. *Course is not repeatable for credit.*

### **CNG 2042 – Cloud Computing (3 Credits)**

Installs, configures and manages a cloud environment. Builds on knowledge of hypervisor and virtual machine environments. *Course is not repeatable for credit.*

### **CNG 2057 – Network Defense and Counter Measures (3 Credits)**

Covers the evaluation of a system's security and giving of recommendations that make the system more secure. The purpose is to allow future IT professionals to move into the cybersecurity field. This course is designed to prepare students to pass the CompTIA CySA+ certification system. *Course is not repeatable for credit.*

### **DAT 2001 – Calculus Based Statistics and Modeling (3 Credits)**

Introduces probability and statistics with an emphasis on computation, large data sets, and applications for engineering and data science careers. This course covers descriptive statistics, inferential methods, basic probability, predictive modeling, risk assessment, and methods of regression. *Prerequisite: MAT 2410 with a grade of “C” or better. Course is not repeatable for credit.*

### **WST 2200 – Goddesses and Women In The Ancient World: GT-SS3 (3 Credits)**

Surveys gender socialization through a study of arts, literature, music, politics, religion, philosophy, laws, and social standards. The course introduces the history of ideas that have

defined women's place in societies. Course examines goddesses, rituals, and ceremonies, and how the image of the Feminine Divine changed from matriarchal cultures through the establishment of patriarchal cultures. These topics will be viewed through diverse cultures, including European and non-European, from the Ancient World through the Middle Ages. This is a statewide Guaranteed Transfer course in the GT-SS3 category. *Course is not repeatable for credit.*

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## **Contact Information**

For questions or additional information regarding these updates, please contact:

### **Scheduling Office**

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