MEMORANDUM

To: Dr. Martha Venn, Provost and Vice President for Academic Affairs

From: Dr. Mary Wearn, Provost’s Leadership Fellow

Date: October 22, 2012

Re: Approval of Curriculum for the School of Aviation for Middle Georgia State College

The attached curriculum is submitted for approval by the Academic Affairs Committee and for inclusion in the Middle Georgia State College 2013-2014 catalog. The following academic programs are included in this document:

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Aviation Maintenance Technology (A.A.S.)

Area A Credit: 9 hours
Essential Skills
- ENGL 1101 - English Composition I Credit: 3 hours
- ENGL 1102 - English Composition II Credit: 3 hours
- MATH 1111 - College Algebra - Credit: 3 hours

Area B Credit: 2 Hours
Institutional Options – To Be Determined

Area D Credit: 4 Hours
Science, Math, and Technology
- PHYS 1011 K - Physical Science I - Credit: 4 hours

Area E Credit: 6 Hours
Social Sciences
- Take one of the following courses - Credit: 3 hours
  HIST 2111 - United States History to 1865 - Credit: 3 hours
  HIST 2112 - United States History since 1865 - Credit: 3 hours
- POLS 1101 - American Government - Credit: 3 hours

Area F Credit: 90 Hours
- AMTP 1000 - Aviation Math - Credit: 3 hours
- AMTP 1010 - Aircraft Maintenance Regulations - Credit: 2 hours
- AMTP 1020 - Aircraft Applied Science - Credit: 9 hours
- AMTP 1030 - Aircraft Electricity/Electronics - Credit: 5 hours
- AMTP 1210 - Aviation Physics - Credit: 3 hours
- AMTP 2010 - Aircraft Airframe Structures - Credit: 4 hours
- AMTP 2020 - Airframe Sheetmetal & Non-Metallic Structures - Credit: 8 hours
- AMTP 2040 - Airframe Assembly & Rigging - Credit: 2 hours
- AMTP 2050 - Airframe Inspections - Credit: 3 hours
- AMTP 2060 - Aircraft Hydraulic, Pneumatic & Landing Gear Systems - Credit: 5 hours
- AMTP 2080 - Aircraft Environmental Control Systems - Credit: 7 hours
- AMTP 2090 - Aircraft Electrical, Communication & Navigation Systems - Credit: 6 hours
- AMTP 2210 - Reciprocating Engine Powerplants - Credit: 8 hours
- AMTP 2230 - Gas Turbine Powerplants - Credit: 6 hours
- AMTP 2250 - Aircraft Engine Inspections - Credit: 1 hours
- AMTP 2260 - Aircraft Engine Fuel & Fuel Metering System - Credit: 5 hours
- AMTP 2270 - Aircraft Engine Electrical, Ignition & Starting Systems - Credit: 7 hours
- AMTP 2280 - Aircraft Powerplant Accessory Systems - Credit: 6 hours

Major Field: 90
Total Hours: 111
AIRCRAFT STRUCTURAL TECHNOLOGY (A.A.S.)

Area A Credit: 9 hours
Essential Skills
- ENGL 1101 - English Composition I Credit: 3 hours
- ENGL 1102 - English Composition II Credit: 3 hours
- MATH 1111 - College Algebra - Credit: 3 hours

Area B Credit: 2 Hours
Institutional Options – To Be Determined

Area C Credit: 3 hours
Humanities/Fine Arts
- Literature Elective - Credit: 3 hours

Area D Credit: 0 Hours
Science, Math, and Technology

Area E Credit: 9 Hours
Social Sciences
- POLS 1101 - American Government - Credit: 3 hours
- Take one of the following courses - Credit: 3 hours
  - HIST 2111 - United States History to 1865 - Credit: 3 hours
  - HIST 2112 - United States History since 1865 - Credit: 3 hours
- PSYC 1101 - Introduction to Psychology - Credit: 3 hours

Area F Credit: 42 Hours
- ACES 1000 - Aviation Career Employability Skills I - Credit: 3 hours
- ACES 1001 - Aviation Career Employability Skills II - Credit: 3 hours
- ASTP 1060 - Applied Technical Math - Credit: 3 hours
- ASTP 1010 - Basic Blueprint Reading - Credit: 3 hours
- ASTP 1020 - Aircraft Blueprint Reading - Credit: 3 hours
- ASTP 1037 - Aircraft Aerodynamics & Structural Fundamentals - Credit: 6 hours
- ASTP 1090 - Composites & Bonded Structures - Credit: 6 hours
- ASTP 1104 - Structural Layout, Fabrication, & Sealants - Credit: 6 hours
- ASTP 1112 - Aircraft Metallurgy & Corrosion Control - Credit: 6 hours
- ASTP 1158 - Technical Publications & Aerospace Quality Control - Credit: 3 hours

Major Field: 42
Total Hours: 65
Air Traffic (A.A.S.)

**Area A Credit: 9 hours**

**Essential Skills**
- ENGL 1101 - English Composition I  **Credit:** 3 hours
- ENGL 1102 - English Composition II  **Credit:** 3 hours
- MATH 1111 - College Algebra  **Credit:** 3 hours

**Area B Credit: 4 Hours**

Institutional Options – To Be Determined

**Area C Credit: 3 hours**

**Humanities/Fine Arts**
- Literature Elective  **Credit:** 3 hours

**Area D Credit: 4 Hours**

**Science, Math, and Technology**
- Take one of the following courses  **Credit:** 4 hours
  - PHYS 1011 K - Physical Science I  **Credit:** 4 hours
  - PHYS 1012 K - Physical Science II  **Credit:** 4 hours

**Area E Credit: 6 Hours**

**Social Sciences**
- Take one of the following courses  **Credit:** 3 hours
  - HIST 2111 - United States History to 1865  **Credit:** 3 hours
  - HIST 2112 - United States History since 1865  **Credit:** 3 hours
  - POLS 1101 - American Government  **Credit:** 3 hours

**Area F Credit: 38 Hours**

**Major Field: 38**
- AERO 1200 - Introduction to Air Traffic Control  **Credit:** 3 hours
- AERO 2102 - Aviation Meteorology  **Credit:** 3 hours
- AERO 2220 - IFR/Non-radar  **Credit:** 3 hours
- AERO 2104 - Aviation Safety  **Credit:** 3 hours
- AERO 2105 - Aviation Regulations  **Credit:** 3 hours
- AERO 1210 - ATC II  **Credit:** 3 hours
- AERO 2107 - Aviation Law  **Credit:** 3 hours
- AERO 2108 - Human Factors  **Credit:** 3 hours
- AERO 2200 - ATC III  **Credit:** 3 hours
- AERO 3201 - ATC Tower Operations  **Credit:** 3 hours
- AERO 3201L - ATC Tower Operations LAB  **Credit:** 1 hours
- AERO 3202 - Radar Operations I  **Credit:** 3 hours
- AERO 3202L - Radar Operations I LAB  **Credit:** 1 hours
- AERO 2210 - ATC IV  **Credit:** 3 hours

Total Hours: 64
Avionics Technology (A.A.S.)

Area A Credit: 6 hours
Essential Skills
- ENGL 1101 - English Composition I Credit: 3 hours
- ENGL 1102 - English Composition II Credit: 3 hours
- MATH 1111 - College Algebra Credit: 3 hours

Area B Credit: 2 Hours
Institutional Options – To Be Determined

Area D Credit: 4 Hours
Science, Math, and Technology
- PHYS 1011 K - Physical Science I Credit: 4 hours

Area E Credit: 6 Hours
Social Sciences
- Take one of the following courses Credit: 3 hours
  HIST 2111 - United States History to 1865 Credit: 3 hours
  HIST 2112 – United States History since 1865 Credit: 3 hours
- POLS 1101 - American Government Credit: 3 hours

Area F Credit: 97 Hours
- AMTP 1000 - Aviation Math Credit: 3 hours
- AMTP 1010 - Aircraft Maintenance Regulations Credit: 2 hours
- AMTP 1020 - Aircraft Applied Science Credit: 9 hours
- AMTP 1030 - Aircraft Electricity/Electronics Credit: 5 hours
- AMTP 1210 - Aviation Physics Credit: 3 hours
- AMTP 2010 - Aircraft Airframe Structures Credit: 4 hours
- AMTP 2020 - Airframe Sheetmetal & Non-Metallic Structures Credit: 8 hours
- AMTP 2040 - Airframe Assembly & Rigging Credit: 2 hours
- AMTP 2050 - Airframe Inspections Credit: 3 hours
- AMTP 2060 - Aircraft Hydraulic, Pneumatic & Landing Gear Systems Credit: 5 hours
- AMTP 2080 - Aircraft Environmental Control Systems Credit: 7 hours
- AMTP 2090 - Aircraft Electrical, Communication & Navigation Systems Credit: 6 hours
- AVNC 1000 - Intro to Aviation Electronics Credit: 6 hours
- AVNC 1010 - Aircraft Communication Systems Credit: 5 hours
- AVNC 1020 - Aircraft Navigation/Auto-Pilot Systems Credit: 9 hours
- AVNC 1030 - Aircraft Electric/Electronic Systems Installation Credit: 20 hours

Major Field: 97
Total Hours: 118
Flight Technology (A.A.S.)

Area A Credit: 9 hours
Essential Skills
  • ENGL 1101 - English Composition I Credit: 3 hours
  • ENGL 1102 - English Composition II Credit: 3 hours
  • MATH 1111 - College Algebra - Credit: 3 hours

Area B Credit: 4 Hours
Institutional Options – To Be Determined

Area C Credit: 3 hours
Humanities/Fine Arts
  • Literature Elective - Credit: 3 hours

Area D Credit: 4 Hours
Science, Math, and Technology
  • Take one of the following courses - Credit: 4 hours
    PHYS 1011 K - Physical Science I - Credit: 4 hours
    PHYS 1012 K - Physical Science II - Credit: 4 hours

Area E Credit: 6 Hours
Social Sciences
  • Take one of the following courses - Credit: 3 hours
    HIST 2111 - United States History to 1865 - Credit: 3 hours
    HIST 2112 - United States History since 1865 - Credit: 3 hours
    POLS 1101 - American Government - Credit: 3 hours

Area F Credit: 39 Hours
  • AERO 2102 - Aviation Meteorology Credit: 3 hours
  • AERO 2104 - Aviation Safety Credit: 3 hours
  • AERO 2105 - Aviation Regulations Credit: 3 hours
  • AERO 2103 - Flight Principles Credit: 3 hours
  • AERO 2106 - Private Pilot GS Credit: 3 hours
  • AERO 2108 - Human Factors Credit: 3 hours
  • AERO 3106 - Private Pilot Flight Credit: 1 hours
  • AERO 3107 - Instrument Pilot Ground School Credit: 3 hours
  • AERO 3018 - Instrument Pilot Flight Credit: 1 hours
  • AERO 3019 - Commercial Pilot GS Single Engine Credit: 3 hours
  • AERO 3020 - Commercial Pilot FLT Single Engine Credit: 1 hours
  • AERO 3021 - Commercial Pilot GS Multi-Engine Credit: 3 hours
  • AERO 3022 - Commercial Pilot FLT Multi-Engine Credit: 1 hours
  • AERO 3023 - Flight Instructor I Ground School Credit: 3 hours
  • AERO 3024 - Flight Instructor I Flight Credit: 1 hours
  • AERO 3025 - Flight Instructor II Ground School Credit: 3 hours
  • AERO 3026 - Flight Instructor II Flight Credit: 1 hours

Major Field: 39
Total Hours: 65
Flight Technology-Helicopter (A.A.S.)

Area A Credit: 9 hours
Essential Skills
- ENGL 1101 - English Composition I Credit: 3 hours
- ENGL 1102 - English Composition II Credit: 3 hours
- MATH 1111 - College Algebra - Credit: 3 hours

Area B Credit: 4 Hours
Institutional Options – To Be Determined

Area C Credit: 3 hours
Humanities/Fine Arts
- Literature Elective - Credit: 3 hours

Area D Credit: 4 Hours
Science, Math, and Technology
- Take one of the following courses - Credit: 4 hours
  - PHYS 1011 K - Physical Science I - Credit: 4 hours
  - PHYS 1012 K - Physical Science II - Credit: 4 hours

Area E Credit: 6 Hours
Social Sciences
- Take one of the following courses - Credit: 3 hours
  - HIST 2111 - United States History to 1865 - Credit: 3 hours
  - HIST 2112 - United States History since 1865 - Credit: 3 hours
- POLS 1101 - American Government - Credit: 3 hours

Area F Credit: 39 Hours
- AERO 2102 Aviation Meteorology Credit: 3
- AERO 2104 Aviation Safety Credit: 3
- AERO 2105 Aviation Regulations Credit: 3
- AERO 2103 Flight Principles Credit: 3
- AERO 2106 Private Pilot GS Credit: 3
- AERO 2107 Aviation Law Credit: 3
- AERO 2108 Human Factors Credit: 3
- AERO 3081 Private Pilot Helio Flight Credit: 1
- AERO 3107 Instrument Pilot GS Credit: 3
- AERO 3083 Instrument Pilot Flt I Credit: 1
- AERO 3084 Instrument Pilot Flt Helio II Credit: 1
- AERO 3019 Commercial Pilot SE GS Credit: 3
- AERO 3085 Commercial Pilot Flight Helio Credit: 1
- AERO 3023 Flight Instructor I GS Credit: 3
- AERO 3087 Flight Instructor I Flight Credit: 1
- AERO 3025 Flight Instructor II GS Credit: 3
- AERO 3089 Flight Instructor II Flight Credit: 1

Major Field: 39
Total Hours: 65
Business Administration and Aviation Management (A.S.)

Area A Credit: 9 hours
Essential Skills
- ENGL 1101 - English Composition I Credit: 3 hours
- ENGL 1102 - English Composition II Credit: 3 hours
- MATH 1111- College Algebra - Credit: 3 hours

Area B Credit: 4 Hours
Institutional Options – To Be Determined

Area C Credit: 6 hours
Humanities/Fine Arts
- Literature Elective Credit: 3 hours
- Area C Elective Credit: 3 hours

Area D Credit: 11 Hours
Science, Math, and Technology
- PHYS 1011K - Physical Science I - Credit: 4 hours
- PHYS 1012K - Physical Science II - Credit: 4 hours
- MATH 1200- Elementary Statistics- Credit: 3 hours

Area E Credit: 12 Hours
Social Sciences
- Take one of the following courses - Credit: 3 hours
  HIST 2111 - United States History to 1865 Credit: 3 hours
  HIST 2112 - United States History since 1865 Credit: 3 hours
- POLS 1101 - American Government Credit: 3 hours
- Area E Global Perspectives Elective Credit: 3 hours
  Choose from the following courses:
  HIST 1111 - History of World Civilizations to 1650 Credit: 3 hours
  HIST 1112 - History of World Civilizations Since 1650 Credit: 3 hours
  POLS 2301 - Introduction to Comparative Politics Credit: 3 hours
  POLS 2401 - Introduction to Global Issues Credit: 3 hours
  PSYC 1101 - Introduction to Psychology - Credit: 3 hours

Area F Credit: 18 Hours
Major Field
- ACCT 2101* - Principles of Accounting I - Credit: 3 hours
- ACCT 2102* - Principles of Accounting II - Credit: 3 hours
- Take one of the following courses - Credit: 3 hours
  BUSA 2201* - Fundamentals of Computer Apps - Credit: 3 hours
  ITEC 2201 - Fundamentals of Computer Apps - Credit: 3 hours
- ECON 2105* - Principles of Macroeconomics - Credit: 3 hours
- ECON 2106* - Principles of Microeconomics - Credit: 3 hours
- Take one of the following courses - Credit: 3 hours
  BUSA 1105* - Introduction to Business - Credit: 3 hours
  BUSA 2105* - Communication in the Business Environment - Credit: 3 hours

*These general business courses, when taken by aviation majors at the Cochran or Eastman campus, include modeling and examples that are related to airline and aviation industry applications.

Total Hours in Major: 18 hours
Total Hours: 60 hours
Business Administration (B.S.) Airline Management

Area A Credit: 9 hours
Essential Skills
- ENGL 1101 - English Composition I Credit: 3 hours
- ENGL 1102 - English Composition II Credit: 3 hours
- MATH 1111 - College Algebra - Credit: 3 hours

Area B Credit: 4 Hours
Institutional Options – To Be Determined

Area C Credit: 6 hours
Humanities/Fine Arts
- Literature Elective Credit: 3 hours
- Area C Elective Credit: 3 hours

Area D Credit: 11 Hours
Science, Math, and Technology
- PHYS 1011K - Physical Science I - Credit: 4 hours
- PHYS 1012 K - Physical Science II - Credit: 4 hours
- MATH 1200 - Elementary Statistics Credit: 3 hours

Area E Credit: 12 Hours
Social Sciences
- Take one of the following courses - Credit: 3 hours
  HIST 2111 - United States History to 1865 Credit: 3 hours
  HIST 2112 - United States History since 1865 Credit: 3 hours
- POLS 1101 - American Government Credit: 3 hours
- Area E Global Perspectives Elective Credit: 3 hours
  Choose from the following courses:
  HIST 1111 - History of World Civilizations to 1650 Credit: 3 hours
  HIST 1112 - History of World Civilizations Since 1650 Credit: 3 hours
  POLS 2301 - Introduction to Comparative Politics Credit: 3 hours
  POLS 2401 - Introduction to Global Issues Credit: 3 hours
- PSYC 1101 - Introduction to Psychology - Credit: 3 hours

Total Hours: 42 hours

Area F Credit: 18 Hours
Major Field
- ACCT 2101* - Principles of Accounting I - Credit: 3 hours
- ACCT 2102* - Principles of Accounting II - Credit: 3 hours
- Take one of the following courses - Credit: 3 hours
  BUSA 2201* - Fundamentals of Computer Apps - Credit: 3 hours
  ITEC 2201 - Fundamentals of Computer Apps - Credit: 3 hours
- ECON 2105* - Principles of Macroeconomics - Credit: 3 hours
- ECON 2106* - Principles of Microeconomics - Credit: 3 hours
- Take one of the following courses - Credit: 3 hours
  BUSA 1105* - Introduction to Business - Credit: 3 hours
  BUSA 2105* - Communication in the Business Environment - Credit: 3 hours
Business Core Credit: 15 hours

- BUSA 3101* - Business Ethics - Credit: 3 hours
- FINA 3110* - Principles of Finance - Credit: 3 hours
- MGMT 3141* - Principles of Management - Credit: 3 hours
- MGMT 4103* - Business Policy - Credit: 3 hours
- MKTG 3161 - Principles of Marketing - Credit: 3 hours

Major Requirements Credit: 45 hours

- AERO 1200 - Introduction to Air Traffic Control - Credit: 3 hours
- AERO 2104 - Aviation Safety - Credit: 3 hours
- AERO 2105 - Aviation Regulations - Credit: 3 hours
- AERO 2107 - Aviation Law - Credit: 3 hours
- AERO 2220 - IFR/Non-radar - Credit: 3 hours
- MGMT 3101* - Business Statistics - Credit: 3 hours (already exists at MSC)
- MGMT 3102* - Human Resource Management - Credit: 3 hours
- MGMT 3107* - Fundamentals of Operations Management - Credit: 3 hours
- AMGT 3203 - Airport Management - Credit: 3 hours
- MGMT 3314* - Purchasing and Supply Mgt - Credit: 3 hours
- AMGT 3405 - International Airline Business - Credit: 3 hours
- AMGT 3210 - Airline Management - Credit: 3 hours
- AMGT 4407 - Airline Technical Operations - Credit: 3 hours
- AMGT 4410 - Airline Financial Management - Credit: 3 hours
- AMK T 3209 - Airline Marketing - Credit: 3 hours

*These general business courses, when taken by aviation majors at the Cochran or Eastman campus, include modeling and examples that are related to airline and aviation industry applications.

Total Hours in Major: 78 hours

Total Hours: 120 hours
Business Administration (B.S.) Air Traffic Management

Area A Credit: 9 hours

Essential Skills
- ENGL 1101 - English Composition I Credit: 3 hours
- ENGL 1102 - English Composition II Credit: 3 hours
- MATH 1111 - College Algebra - Credit: 3 hours

Area B Credit: 4 Hours

Institutional Options – To Be Determined

Area C Credit: 6 hours

Humanities/Fine Arts
- Literature Elective Credit: 3 hours
- Area C Elective Credit: 3 hours

Area D Credit: 11 Hours

Science, Math, and Technology
- PHYS 1011K - Physical Science I - Credit: 4 hours
- PHYS 1012K - Physical Science II - Credit: 4 hours
- MATH 1200- Elementary Statistics- Credit: 3 hours

Area E Credit: 12 Hours

Social Sciences
- Take one of the following courses - Credit: 3 hours
  HIST 2111 - United States History to 1865 Credit: 3 hours
  HIST 2112 - United States History since 1865 Credit: 3 hours
- POLS 1101 - American Government Credit: 3 hours
- Area E Global Perspectives Elective Credit: 3 hours

Choose from the following courses:
- HIST 1111 - History of World Civilizations to 1650 Credit: 3 hours
- HIST 1112 - History of World Civilizations since 1650 Credit: 3 hours
- POLS 2201 - Introduction to Comparative Politics Credit: 3 hours
- POLS 2204 - Introduction to Global Issues Credit: 3 hours
- PSYC 1101 - Introduction to Psychology - Credit: 3 hours

Total Hours: 42 hours

Area F Credit: 18 Hours

Major Field
- ACCT 2101* - Principles of Accounting I - Credit: 3 hours
- ACCT 2102* - Principles of Accounting II - Credit: 3 hours
- Take one of the following courses - Credit: 3 hours
  BUSA 2201* - Fundamentals of Computer Apps - Credit: 3 hours
  ITEC 2201 - Fundamentals of Computer Apps - Credit: 3 hours
- ECON 2105* - Principles of Macroeconomics - Credit: 3 hours
- ECON 2106* - Principles of Microeconomics - Credit: 3 hours
- Take one of the following courses - Credit: 3 hours
  BUSA 1105* - Introduction to Business - Credit: 3 hours
  BUSA 2105* - Communication in the Business Environment - Credit: 3 hours
**Business Core Credit: 15 hours**
- BUSA 3101* - Business Ethics - Credit: 3 hours
- FINA 3110* - Principles of Finance - Credit: 3 hours
- MGMT 3141* - Principles of Management - Credit: 3 hours
- MGMT 4103* - Business Policy - Credit: 3 hours
- MKTG 3161* - Principles of Marketing - Credit: 3 hours

**Major Requirements Credit: 45 hours**
- AERO - 1200-Introduction to Air Traffic Control- Credit: 3 hours
- AERO - 1210-ATC II- Credit: 3 hours
- AERO - 2102-Aviation Meteorology- Credit: 3 hours
- AERO - 2104-Aviation Safety- Credit: 3 hours
- AERO - 2105-Aviation Regulations- Credit: 3 hours
- AERO - 2107-Aviation Law - Credit: 3 hours
- AERO - 2108-Human Factors- Credit: 3 hours
- AERO - 2206-ATC III- Credit: 3 hours
- AERO - 2210-ATC IV- Credit: 3 hours
- AERO - 2220-Instrument Flight and Non-Radar- Credit: 3 hours
- AERO - 3201-ATC Tower Operations - Credit: 3 hours
- AERO - 3201L-Lab-ATC Tower Operations - Credit: 1 hours
- AERO - 3202-Radar Operations I - Credit: 3 hours
- AERO - 3202L-Radar Operations I Lab- Credit: 1 hours
- MGMT - 3102-Human Resource Management- Credit: 3 hours
- AMGT - 3210-Airline Management- Credit: 3 hours

*These general business courses, when taken by aviation majors at the Cochran or Eastman campus, include modeling and examples that are related to airline and aviation industry applications.

**Total Hours in Major: 78 hours**

**Total Hours: 120 hours**
Business Administration (B.S.) Flight Management Airplane

**Area A Credit: 9 hours**

**Essential Skills**
- ENGL 1101 - English Composition I  Credit: 3 hours
- ENGL 1102 - English Composition II  Credit: 3 hours
- MATH 1111 - College Algebra  Credit: 3 hours

**Area B Credit: 4 Hours**

**Institutional Options – To Be Determined**

**Area C Credit: 6 hours**

**Humanities/Fine Arts**
- Literature Elective  Credit: 3 hours
- Area C Elective  Credit: 3 hours

**Area D Credit: 11 Hours**

**Science, Math, and Technology**
- PHYS 1011K - Physical Science I  Credit: 4 hours
- PHYS 1012 K - Physical Science II  Credit: 4 hours
- MATH 1200 - Elementary Statistics  Credit: 3 hours

**Area E Credit: 12 Hours**

**Social Sciences**
- Take one of the following courses  Credit: 3 hours
  - HIST 2111 - United States History to 1865  Credit: 3 hours
  - HIST 2112 – United States History since 1865  Credit: 3 hours
- POLS 1101 - American Government  Credit: 3 hours
- Area E Global Perspectives Elective  Credit: 3 hours
  Choose from the following courses:
  - HIST 1111 - History of World Civilizations to 1650  Credit: 3 hours
  - HIST 1112 - History of World Civilizations Since 1650  Credit: 3 hours
  - POLS 2301 - Introduction to Comparative Politics  Credit: 3 hours
  - POLS 2401 - Introduction to Global Issues  Credit: 3 hours
- PSYC 1101 - Introduction to Psychology  Credit: 3 hours

**Total Hours: 42 hours**

**Area F Credit: 18 Hours**

**Major Field**
- ACCT 2101* - Principles of Accounting I  Credit: 3 hours
- ACCT 2102* - Principles of Accounting II  Credit: 3 hours
- Take one of the following courses  Credit: 3 hours
  - BUSA 2201* - Fundamentals of Computer Apps  Credit: 3 hours
  - ITEC 2201 - Fundamentals of Computer Apps  Credit: 3 hours
- ECON 2105* - Principles of Macroeconomics  Credit: 3 hours
- ECON 2106* - Principles of Microeconomics  Credit: 3 hours
- Take one of the following courses  Credit: 3 hours
  - BUSA 1105* - Introduction to Business  Credit: 3 hours
  - BUSA 2105* - Communication in the Business Environment  Credit: 3 hours
Business Core Credit: 15 hours

- BUSA 3101* - Business Ethics - Credit: 3 hours
- FINA 3110* - Principles of Finance - Credit: 3 hours
- MGMT 3141* - Principles of Management - Credit: 3 hours
- MGMT 4103* - Business Policy - Credit: 3 hours
- MKTG 3161* - Principles of Marketing - Credit: 3 hours

Major Requirements Credit: 45 hours

- AERO - 2102 - Aviation Meteorology - Credit: 3
- AERO - 2104 - Aviation Safety - Credit: 3
- AERO - 2105 - Aviation Regulations - Credit: 3
- AERO - 2106 - Private Pilot Ground School - Credit: 3
- AERO - 2107 - Aviation Law - Credit: 3
- AERO - 2108 - Human Factors - Credit: 3
- AERO - 3106 - Private Pilot Flight - Credit: 1
- AERO - 3107 - Instrument Pilot Ground School - Credit: 3
- AERO - 3018 - Instrument Pilot Flight - Credit: 1
- AERO - 3019 - Commercial Pilot GS Single Engine - Credit: 2
- AERO - 3020 - Commercial Pilot FLT Single Engine - Credit: 1
- AERO - 3021 - Commercial Pilot GS Multi-Engine - Credit: 2
- AERO - 3022 - Commercial Pilot FLT Multi-Engine - Credit: 1
- AERO - 3023 - Flight Instructor I Ground School - Credit: 3
- AERO - 3024 - Flight Instructor I Flight - Credit: 1
- AERO - 3025 - Flight Instructor II Ground School - Credit: 2
- AERO - 3026 - Flight Instructor II Flight - Credit: 1
- AERO - 4001 - Advanced Aerodynamics - Credit: 3
- AERO - 4002 - Advanced Navigation - Credit: 3
- AMGT - 3210 - Airline Management - Credit: 3

*These general business courses, when taken by aviation majors at the Cochran or Eastman campus, include modeling and examples that are related to airline and aviation industry applications.

- Total Hours in Major: 78 hours
- Total Hours: 120 hours
Business Administration (B.S.) Flight Management Helicopter

**Area A Credit: 9 hours**

**Essential Skills**
- ENGL 1101 - English Composition I - **Credit:** 3 hours
- ENGL 1102 - English Composition II - **Credit:** 3 hours
- MATH 1111 - College Algebra - **Credit:** 3 hours

**Area B Credit: 4 Hours**

**Institutional Options – To Be Determined**

**Area C Credit: 6 hours**

**Humanities/Fine Arts**
- Literature Elective - **Credit:** 3 hours
- Area C Elective - **Credit:** 3 hours

**Area D Credit: 11 Hours**

**Science, Math, and Technology**
- PHYS 1011K - Physical Science I - **Credit:** 4 hours
- PHYS 1012 K - Physical Science II - **Credit:** 4 hours
- MATH 1200 - Elementary Statistics - **Credit:** 3 hours

**Area E Credit: 12 Hours**

**Social Sciences**
- Take one of the following courses - **Credit:** 3 hours
  - HIST 2111 - United States History to 1865 - **Credit:** 3 hours
  - HIST 2112 - United States History since 1865 - **Credit:** 3 hours
- POLS 1101 - American Government - **Credit:** 3 hours
- Area E Global Perspectives Elective - **Credit:** 3 hours
- Choose from the following courses:
  - HIST 1111 - History of World Civilizations to 1650 - **Credit:** 3 hours
  - HIST 1112 - History of World Civilizations Since 1650 - **Credit:** 3 hours
  - POLS 2301 - Introduction to Comparative Politics - **Credit:** 3 hours
  - POLS 2401 - Introduction to Global Issues - **Credit:** 3 hours
- PSYC 1101 - Introduction to Psychology - **Credit:** 3 hours

**Total Hours: 42 hours**

**Area F Credit: 18 Hours**

**Major Field**
- ACCT 2101* - Principles of Accounting I - **Credit:** 3 hours
- ACCT 2102* - Principles of Accounting II - **Credit:** 3 hours
- Take one of the following courses - **Credit:** 3 hours
  - BUSA 2201* - Fundamentals of Computer Apps - **Credit:** 3 hours
  - ITEC 2201 - Fundamentals of Computer Apps - **Credit:** 3 hours
- ECON 2105* - Principles of Macroeconomics - **Credit:** 3 hours
- ECON 2106* - Principles of Microeconomics - **Credit:** 3 hours
- Take one of the following courses - **Credit:** 3 hours
  - BUSA 1105* - Introduction to Business - **Credit:** 3 hours
  - BUSA 2105* - Communication in the Business Environment - **Credit:** 3 hours
Business Core Credit: 15 hours
- BUSA 3101* - Business Ethics - Credit: 3 hours
- FINA 3110* - Principles of Finance - Credit: 3 hours
- MGMT 3141* - Principles of Management - Credit: 3 hours
- MGMT 4103* - Business Policy - Credit: 3 hours
- MKTG 3161* - Principles of Marketing - Credit: 3 hours

Major Requirements Credit: 45 hours
- AERO - 2102-Aviation Meteorology - Credit: 3 hours
- AERO - 2104-Aviation Safety - Credit: 3 hours
- AERO - 2105-Aviation Regulations - Credit: 3 hours
- AERO - 2106-Private Pilot Ground School - Credit: 3 hours
- AERO - 2107-Aviation Law - Credit: 3 hours
- AERO - 2108-Human Factors - Credit: 3 hours
- AERO - 3081-Private Pilot Flight Helicopter - Credit: 1 hour
- AERO - 3107-Instrument Pilot Ground School - Credit: 3 hours
- AERO - 3083- Instrument Pilot Flight Helicopter I - Credit: 1 hour
- AERO - 3084- Instrument Pilot Flight Helicopter II - Credit: 1 hour
- AERO - 3019-Commercial Pilot Ground School - Credit: 2 hours
- AERO - 3085-Commercial Pilot Flight Helicopter - Credit: 1 hour
- AERO - 3023-Flight Instructor I Ground School - Credit: 3 hours
- AERO - 3087-Flight Instructor I Flight Helicopter - Credit: 1 hour
- AERO - 3025-Flight Instructor II Ground School - Credit: 2 hours
- AERO - 3089-Flight Instructor II Flight Helicopter - Credit: 1 hour
- AERO - 4001-Advanced Aerodynamics - Credit: 3 hours
- AERO - 4002-Advanced Navigation - Credit: 3 hours
- Choose from following electives - Credit: 5 hours
  - AERO - 4008 - Helicopter Sling Load Flight - Credit: 2 hours
  - AERO - 4012 - Helicopter Night Vision Goggles Flight - Credit: 2 hours
  - AMGT - 3203 - Airport Management - Credit: 3 hours
  - AMGT - 3210 - Airline Management - Credit: 3 hours

*These general business courses, when taken by aviation majors at the Cochran or Eastman campus, include modeling and examples that are related to airline and aviation industry applications.

- Total Hours in Major: 78 hours
- Total Hours: 120 hours
Business Administration (B.S.) Airport Management

Area A Credit: 9 hours
Essential Skills
- ENGL 1101 - English Composition I Credit: 3 hours
- ENGL 1102 - English Composition II Credit: 3 hours
- MATH 1111 - College Algebra Credit: 3 hours

Area B Credit: 4 Hours
Institutional Options -- To Be Determined

Area C Credit: 6 hours
Humanities/Fine Arts
- Literature Elective Credit: 3 hours
- Area C Elective Credit: 3 hours

Area D Credit: 11 Hours
Science, Math, and Technology
- PHYS 1011K - Physical Science I Credit: 4 hours
- PHYS 1012K - Physical Science II Credit: 4 hours
- MATH 1200 - Elementary Statistics Credit: 3 hours

Area E Credit: 12 Hours
Social Sciences
- Take one of the following courses - Credit: 3 hours
  HIST 2111 - United States History to 1865 Credit: 3 hours
  HIST 2112 - United States History since 1865 Credit: 3 hours
- POLS 1101 - American Government Credit: 3 hours
- Area E Global Perspectives Elective Credit: 3 hours
  Choose from the following courses:
  HIST 1111 - History of World Civilizations to 1650 Credit: 3 hours
  HIST 1112 - History of World Civilizations Since 1650 Credit: 3 hours
  POLS 2301 - Introduction to Comparative Politics Credit: 3 hours
  POLS 2401 - Introduction to Global Issues Credit: 3 hours
- PSYC 1101 - Introduction to Psychology Credit: 3 hours

Total Hours: 42 hours

Area F Credit: 18 Hours
Major Field
- ACCT 2101* - Principles of Accounting I Credit: 3 hours
- ACCT 2102* - Principles of Accounting II Credit: 3 hours
- Take one of the following courses - Credit: 3 hours
  BUSA 2201* - Fundamentals of Computer Apps Credit: 3 hours
  ITEC 2201 - Fundamentals of Computer Apps Credit: 3 hours
- ECON 2105* - Principles of Macroeconomics Credit: 3 hours
- ECON 2106* - Principles of Microeconomics Credit: 3 hours
- Take one of the following courses - Credit: 3 hours
  BUSA 1105* - Introduction to Business Credit: 3 hours
  BUSA 2105* - Communication in the Business Environment Credit: 3 hours
Business Core Credit: 15 hours
- BUSA 3101* - Business Ethics - Credit: 3 hours
- FINA 3110* - Principles of Finance - Credit: 3 hours
- MGMT 3141* - Principles of Management - Credit: 3 hours
- MGMT 4103* - Business Policy - Credit: 3 hours
- MKTG 3161* - Principles of Marketing - Credit: 3 hours

Major Requirements Credit: 45 hours
- AFRO 2104 - Aviation Safety - Credit: 3 hour
- AFRO 2105 - Aviation Regulations - Credit: 3 hours
- AFRO 2107 - Aviation Law & Insurance - Credit: 3 hours
- AFRO 2220 - IFR/Non-radar - Credit: 3 hours
- MGMT 3101* - Business Statistics - Credit: 3 hours
- MGMT 2301* - Introduction to Logistics - Credit: 3 hours
- MGMT 3102* - Human Resource Management - Credit: 3 hours
- MGMT 3107* - Fundamentals of Operations Management - Credit: 3 hours
- AMGT 3203 - Airport Management - Credit: 3 hours
- AMGT 3205 - Airport Plng. Const. & Environmental - Credit: 3 hours
- AMGT 3209 - Airport Leg. Affairs, Mkg., Comm. Dev. - Credit: 3 hours
- MGMT 3314* - Purchasing and Supply Management - Credit: 3 hours
- AMGT 4207 - Airport Operations, Security, & Maint. - Credit: 3 hours
- AMGT 4211 - Airport Finance and Administration - Credit: 3 hours
- MGMT 4301* - Principles of Transportation - Credit: 3 hours

*These general business courses, when taken by aviation majors at the Cochran or Eastman campus, include modeling and examples that are related to airline and aviation industry applications.

Total Hours in Major: 78 hours
Total Hours: 120 hours
Business Administration (B.S.) Entrepreneurship / Small Business

Area A Credit: 9 hours
Essential Skills
- ENGL 1101 - English Composition I Credit: 3 hours
- ENGL 1102 - English Composition II Credit: 3 hours
- MATH 1111 - College Algebra - Credit: 3 hours

Area B Credit: 4 hours
Institutional Options – To Be Determined

Area C Credit: 6 hours
Humanities/Fine Arts
- Literature Elective Credit: 3 hours
- Area C Elective Credit: 3 hours

Area D Credit: 11 Hours
Science, Math. and Technology
- PHYS 1011 K - Physical Science I - Credit: 4 hours
- PHYS 1012 K - Physical Science II - Credit: 4 hours
- MATH 1200 - Elementary Statistics - Credit: 3 hours

Area E Credit: 12 Hours
Social Sciences
- Take one of the following courses - Credit: 3 hours
  HIST 2111 - United States History to 1865 Credit: 3 hours
  HIST 2112 - United States History since 1865 Credit: 3 hours
- POLS 1101 - American Government Credit: 3 hours
- Area E Global Perspectives Elective Credit: 3 hours
  Choose from the following courses:
  HIST 1111 - History of World Civilizations to 1650 Credit: 3 hours
  HIST 1112 - History of World Civilizations Since 1650 Credit: 3 hours
  POLS 2201 - Introduction to Comparative Politics Credit: 3 hours
  POLS 2401 - Introduction to Global Issues Credit: 3 hours
- PSYC 1101 - Introduction to Psychology - Credit: 3 hours

Total Hours: 42 hours

Area F Credit: 18 Hours
Major Field
- ACCT 2101* - Principles of Accounting I - Credit: 3 hours
- ACCT 2102* - Principles of Accounting II - Credit: 3 hours
- Take one of the following courses - Credit: 3 hours
  BUSA 2201* - Fundamentals of Computer Apps - Credit: 3 hours
  ITEC 2201 - Fundamentals of Computer Apps - Credit: 3 hours
- ECON 2105* - Principles of Macroeconomics - Credit: 3 hours
- ECON 2106* - Principles of Microeconomics - Credit: 3 hours
- Take one of the following courses - Credit: 3 hours
  BUSA 1105* - Introduction to Business - Credit: 3 hours
  BUSA 2105* - Communication in the Business Environment - Credit: 3 hours
**Business Core Credit: 15 hours**
- BUSA 3101* - Business Ethics - **Credit: 3 hours**
- Take one of the following courses – **Credit: 3 hours**
  - FINA 3110* - Principles of Finance - **Credit: 3 hours**
  - FINA 3410* - Principles of Finance for Sml Bus - **Credit: 3 hours**
- MGMT 3141* - Principles of Management - **Credit: 3 hours**
- MGMT 4103* - Business Policy - **Credit: 3 hours**
- MKTG 3161* - Principles of Marketing - **Credit: 3 hours**

**Major Requirements Credit: 45 hours**
- MGMT 3101* - Business Statistics - **Credit: 3 hours**
- MGMT 3102* - Human Resource Management - **Credit: 3 hours**
- MGMT 3107* - Fundamentals of Operations Management - **Credit: 3 hours**
- MGMT 3314* - Purchasing and Supply Management - **Credit: 3 hours**
- MGMT 3408 - Fundamentals of Entrepreneurship/Small Business - **Credit: 3 hours**
- MGMT 3410 - Family Business Management - **Credit: 3 hours**
- MKTG 3409 - Small Business Marketing - **Credit: 3 hours**
- Choose eight approved Entrepreneurship/Small Business elective courses - **Credit: 24 hours**

*These general business courses, when taken by aviation majors at the Cochran or Eastman campus, include modeling and examples that are related to airline and aviation industry applications.

**Total Hours in Major: 78 hours**
**Total Hours: 120 hours**
Business Administration (B.S.) Supply Chain Management

**Area A Credit: 9 hours**

**Essential Skills**
- ENGL 1101 - English Composition I **Credit:** 3 hours
- ENGL 1102 - English Composition II **Credit:** 3 hours
- MATH 1111 - College Algebra - **Credit:** 3 hours

**Area B Credit: 4 Hours**

Institutional Options – To Be Determined

**Area C Credit: 6 hours**

**Humanities/Fine Arts**
- Literature Elective **Credit:** 3 hours
- Area C Elective **Credit:** 3 hours

**Area D Credit: 11 Hours**

**Science, Math, and Technology**
- PHYS 1011K - Physical Science I - **Credit:** 4 hours
- PHYS 1012K - Physical Science II - **Credit:** 4 hours
- MATH 1200 - Elementary Statistics - **Credit:** 3 hours

**Area E Credit: 12 Hours**

**Social Sciences**
- Take one of the following courses - **Credit:** 3 hours
  - HIST 2111 - United States History to 1865 **Credit:** 3 hours
  - HIST 2112 - United States History since 1865 **Credit:** 3 hours
- POLS 1101 - American Government **Credit:** 3 hours
- Area E Global Perspectives Elective **Credit:** 3 hours
  - Choose from the following courses:
    - HIST 1111 - History of World Civilizations to 1650 **Credit:** 3 hours
    - HIST 1112 - History of World Civilizations Since 1650 **Credit:** 3 hours
    - POLS 2301 - Introduction to Comparative Politics **Credit:** 3 hours
    - POLS 2401 - Introduction to Global Issues **Credit:** 3 hours
- PSYC 1101 - Introduction to Psychology - **Credit:** 3 hours

**Total Hours: 42 hours**

**Area F Credit: 18 Hours**

**Major Field**
- ACCT 2101* - Principles of Accounting I - **Credit:** 3 hours
- ACCT 2102* - Principles of Accounting II - **Credit:** 3 hours
- Take one of the following courses - **Credit:** 3 hours
  - BUSA 2201* - Fundamentals of Computer Apps - **Credit:** 3 hours
  - ITEC 2201 - Fundamentals of Computer Apps - **Credit:** 3 hours
- ECON 2105* - Principles of Macroeconomics - **Credit:** 3 hours
- ECON 2106* - Principles of Microeconomics - **Credit:** 3 hours
- Take one of the following courses - **Credit:** 3 hours
  - BUSA 1105* - Introduction to Business - **Credit:** 3 hours
  - BUSA 2105* - Communication in the Business Environment - **Credit:** 3 hours
Business Core Credit: 15 hours
- BUSA 3101* - Business Ethics - Credit: 3 hours
- FINA 3110* - Principles of Finance - Credit: 3 hours
- MGMT 3141 - Principles of Management - Credit: 3 hours
- MGMT 4103* - Business Policy - Credit: 3 hours
- MKTG 3161* - Principles of Marketing - Credit: 3 hours

Major Requirements Credit: 45 hours
- AERO 2104 - Aviation Safety - Credit: 3 hours
- AERO 2105 - Aviation Regulations - Credit: 3 hours
- AERO 2107 - Aviation Law - Credit: 3 hours
- MGMT 301* - Business Statistics - Credit: 3 hours
- MGMT 2301* - Introduction to Logistics - Credit: 3 hours
- MGMT 3102* - Human Resource Management - Credit: 3 hours
- MGMT 3104* - International Business - Credit: 3 hours
- MGMT 3107* - Fundamentals of Operations Management - Credit: 3 hours
- MGMT 3314* - Purchasing and Supply Management - Credit: 3 hours
- AMGT 3203 - Airport Management - Credit: 3 hours
- MGMT 4301* - Principles of Transportation - Credit: 3 hours
- MGMT 4302* - Supply Chain Management - Credit: 3 hours
- MGMT 4304* - International Supply Chain Management - Credit: 3 hours
- Choose two approved Supply Chain Management elective courses - Credit: 6 hours

*These general business courses, when taken by aviation majors at the Cochran or Eastman campus, include modeling and examples that are related to airline and aviation industry applications.

Total Hours in Major: 78 hours
Total Hours: 120 hours
Airline Management Certificate (Less than 1 year)

AMGT 3210 - Airline Management - Credit: 3 hours
AMGT 4207 - Airline Technical Operations - Credit: 3 hours
AMGT 4210 - Airline Financial Management - Credit: 3 hours
Take four of the following courses:
MKTG 3209 - Airline Marketing - Credit: 3 hours
AMGT 3024 - International Airline Business - Credit: 3 hours
AERO 2104 - Aviation Safety - Credit: 3 hours
AERO 2105 - Aviation Regulations - Credit: 3 hours
AERO 2107 - Aviation Law - Credit: 3 hours

Total Hours: 21

Airport Management Certificate (Less than 1 year)

AMGT 3203 - Airport Management - Credit 3
AMGT 3205 - Airport Planning, Construction, and Environmental Management - Credit 3 hours
AMGT 3209 - Airport Legislative Affairs, Marketing, and Communications and Development - Credit 3 hours
AMGT 4206 - Airport Operations, Security, and Maintenance - Credit 3 hours
AMGT 4211 - Airport Finance and Administration - Credit: 3 hours
Take two of the following courses:
AERO 2104 - Aviation Safety - Credit: 3 hours
AERO 2125 - Aviation Regulations - Credit: 3 hours
AERO 2107 - Aviation Law - Credit: 3 hours

Total Hours: 21

Aviation Maintenance Technology Airframe Certificate (1 year)

Entrance Dates: Each Semester, Day classes available
Campus Location: Eastman, Georgia
A grade of C or better is required in all AMTP courses

AMTP 1000 - Aviation Mathematics - Credit: 3 hours
AMTP 1010 - Aircraft Maintenance Regulations - Credit: 2
AMTP 1020 - Aircraft Applied Sciences - Credit: 9
AMTP 1030 - Aircraft Electricity and Electronics - Credit: 5
AMTP 1210 - Aviation Physics - Credit: 3
AMTP 2010 - Aircraft Airframe Structures - Credit: 4
AMTP 2020 - Airframe Sheet Metal and Non-Metallic Structures - Credit: 8
AMTP 2040 - Airframe Assembly and Rigging - Credit: 2
AMTP 2050 - Airframe Inspection - Credit: 3
AMTP 2060 - Aircraft Hydraulic, Pneumatic & Landing Gear Systems - Credit: 5
AMTP 2080 - Aircraft Environmental Control Systems - Credit: 7
AMTP 2090 - Aircraft Electrical, Communication, and Navigation Systems - Credit: 6

Total Hours: 57
Aviation Maintenance Technology Airframe and Powerplant Certificate (1 Year)

**Entrance Dates:** Each Semester. Day classes only.

**Campus Location:** Eastman, Georgia

A grade of C or better is required in all AMTP courses.

- AMTP 1000 - Aviation Mathematics - **3 Credit**
- AMTP 1010 - Aircraft Maintenance Regulations - **Credit 2**
- AMTP 1020 - Aircraft Applied Sciences - **Credit 9**
- AMTP 1030 - Aircraft Electricity and Electronics - **Credit 5**
- AMTP 1210 - Aviation Physics - **Credit 3**
- AMTP 2010 - Aircraft Airframe Structures - **Credit 4**
- AMTP 2020 - Airframe Sheet Metal and Non-Metallic Structures - **Credit 8**
- AMTP 2040 - Airframe Assembly and Rigging - **Credit 2**
- AMTP 2050 - Airframe Inspection - **Credit 3**
- AMTP 2060 - Aircraft Hydraulic, Pneumatic & Landing Gear Systems - **Credit 5**
- AMTP 2080 - Aircraft Environmental Control Systems - **Credit 7**
- AMTP 2090 - Aircraft Electrical, Comm. and Nav Systems - **Credit 6**
- AMTP 2210 - Reciprocating Engine Powerplants - **Credit 8**
- AMTP 2230 - Gas Turbine Powerplants - **Credit 6**
- AMTP 2250 - Aircraft Engine Inspection - **Credit 1**
- AMTP 2260 - Aircraft Engine Fuel and Fuel Metering Systems - **Credit 5**
- AMTP 2270 - Aircraft Engine Electrical, Ignition, & Starting Systems - **Credit 7**
- AMTP 2280 - Aircraft Powerplant Accessory Systems - **6**

**Total Hours:** 90

Aviation Maintenance Technology Powerplant Certificate (1 Year)

**Entrance Dates:** Each Semester. Day classes available

**Campus Location:** Eastman, Georgia

A grade of C or better is required in all AMTP courses.

- AMTP 1000 - Aviation Mathematics - **Credit: 3**
- AMTP 1010 - Aircraft Maintenance Regulations - **Credit: 2**
- AMTP 1020 - Aircraft Applied Sciences - **Credit: 9**
- AMTP 1030 - Aircraft Electricity and Electronics - **Credit: 5**
- AMTP 1210 - Aviation Physics - **Credit: 3**
- AMTP 2210 - Reciprocating Engine Powerplants - **Credit: 8**
- AMTP 2230 - Gas Turbine Powerplants - **Credit: 6**
- AMTP 2250 - Aircraft Engine Inspection - **Credit: 1**
- AMTP 2260 - Aircraft Engine Fuel and Fuel Metering Systems - **Credit: 5**
- AMTP 2270 - Aircraft Engine Electrical, Ignition, & Starting Systems - **Credit: 7**
- AMTP 2280 - Aircraft Powerplant Accessory Systems - **Credit: 6**

**Total hours:** 55
Avionics Technology Certificate (1 year)

*Entrance Dates:* Each Semester. Day classes available  
*Campus Location:* Eastman, Georgia

**Freshman Year**
- AMTP 1000 - Aviation Mathematics - **Credit:** 3
- AMTP 1010 - Aircraft Maintenance Regulations - **Credit:** 2
- AMTP 1020 - Aircraft Applied Science - **Credit:** 9
- AMTP 1030 - Aircraft Electricity and Electronics - **Credit:** 5
- AMTP 1210 - Aviation Physics - **Credit:** 3
- AMTP 2010 - Aircraft Airframe Structures - **Credit:** 2
- AMTP 2020 - Airframe Sheet Metal and Non-Metallic Structures - **Credit:** 8
- AMTP 2060 - Aircraft Hydraulic, Pneumatic & Landing Gear Systems - **Credit:** 5
- AMTP 2040 - Airframe Assembly and Rigging - **Credit:** 2
- AMTP 2050 - Airframe Inspection - **Credit:** 3
- AMTP 2080 - Aircraft Environmental Control Systems - **Credit:** 7
- AVNC 1000 - Introduction to Aviation Electronics - **Credit:** 6

**Sophomore Year**
- AMTP 2090 - Aircraft Electrical, Communication, & Nav. Systems - **Credit:** 6
- AVNC 1010 - Aircraft Communication Systems Maintenance - **Credit:** 5
- AVNC 1020 - Aircraft Navigation/Autopilot Systems Maintenance - **Credit:** 9
- AVNC 1030 - Aircraft Electric/Electronic Systems Installation - **Credit:** 20

Total Semester Hours: 95

Aircraft Structural Technology Certificate (1 year)

*Entrance Dates:* Fall & Spring Semesters. Day and evening classes available (minimum of eight students required for evening classes).  
*Campus Location:* Eastman, Georgia

- ACES 1000 - Aviation Career Employability Skills I - **Credit:** 3 hours
- ACES 1001 - Aviation Career Employability Skills II - **Credit:** 3 hours
- ASTP 1000 - Applied Technical Math - **Credit:** 3 hours
- ASTP 1010 - Basic Blueprint Reading - **Credit:** 3 hours
- ASTP 1020 - Aircraft Blueprint Reading - **Credit:** 3 hours
- ASTP 1037 - Aircraft Aerodynamics and Structural Fundamentals - **Credit:** 6 hours
- ASTP 1090 - Composites and Bonded Structures - **Credit:** 6 hours
- ASTP 1104 - Structural layout, Fabrication, and Sealants - **Credit:** 6 hours
- ASTP 1112 - Aircraft Metallurgy and Corrosion Control - **Credit:** 6 hours
- ASTP 1158 - Technical Publications and Aerospace Quality Control - **Credit:** 3 hours

Total Hours: 42

Aircraft Structural Worker Certificate (Less than 1 year)

*Entrance Dates:* Fall & Spring Semesters. Day and evening classes available (minimum of eight students required for evening classes).  
*Campus Location:* Eastman, Georgia

- ASTP 1000 - Applied Technical Math - **Credit:** 3 hours
- ASTP 1010 - Basic Blueprint Reading - **Credit:** 3 hours
- ASTP 1020 - Aircraft Blueprint Reading - **Credit:** 3 hours
- ASTP 1037 - Aircraft Aerodynamics and Structural Fundamentals - **Credit:** 6 hours
- ASTP 1104 - Structural layout, Fabrication, and Sealants - **Credit:** 6 hours

Total Hours: 21
Unmanned Aerial Systems Certificate (More than 1 year)

AERO 4601 – Intro to Unmanned Aerial Systems – Credit: 3 hours
AERO 4602 – UAS Ground Systems - Credit: 3 hours
AERO 4605 – UAS Control, Design, Integration, and Operation - Credit: 3 hours
AERO 4604 – UAS Platform Development - Credit: 3 hours
AERO 4605 – UAS Flight Operations I - Credit: 3 hours
AERO 4606 – UAS Flight Operations II - Credit: 3 hours
AVNC 1000 – Introduction to Aviation Electronics - Credit: 6 hours
AERO 2102 – Aviation Meteorology - Credit: 3 hours
AERO 2106 – Private Pilot Ground School - Credit: 3 hours
AERO 3106 – Private Pilot Flight – Credit: 1 hour
AERO 3107 – Instrument Pilot Ground School - Credit: 3 hours
AERO 3108 – Instrument Pilot Flight – Credit: 1 hour
AERO 2105 – Aviation Regulations – Credit: 3 hours
ASTP 1090 – Composites and Bonded Structures – Credit: 6 hours

Total Hours: 44

Air Transport Pilot Certificate (Less than 1 year)

AERO 4701 – Advanced Aeronautics and Navigation – Credit 3 hours
AERO 4702 – Advanced Navigation-Flight - Credit 1 hour
AERO 4703 – Advanced Meteorology - Credit 3 hours
AERO 4704 – Advanced Meteorology-Flight - Credit 1 hour
AERO 4705 – Advanced Aircraft Systems – Credit: 3 hours
AERO 4706 – Advanced Systems-Flight – Credit: 1 hour
AERO 4707 – ATP Ground School – Credit: 3 hours
AERO 4708 – ATP-Flight – Credit: 1 hour
AERO 4709 – CRM and Aeronautical Decision Making – Credit: 3 hours
AERO 4710 – CRM-Flight – Credit: 1 hour
AERO 4711 – Airline Operations – Credit: 3 hours
AERO 4712 – Airline Operations-LOFT – Credit: 1 hour

Total Hours: 24

Commercial Pilot Airplane Certificate (Less than 1 year)

AERO 2102 – Aviation Meteorology - Credit: 3 hours
AERO 2103 – Flight Principles - Credit: 3 hours
AERO 2105 – Aviation Regulations - Credit: 3 hours
AERO 3019 – Commercial Pilot Ground School Single Engine - Credit: 3 hours
AERO 3020 – Commercial Pilot Flight 1 - Credit: 1 hour

Total Hours: 13

Commercial Pilot Helicopter Certificate (Less than 1 year)

AERO 2102 – Aviation Meteorology - Credit: 3 hours
AERO 2103 – Flight Principles - Credit: 3 hours
AERO 2105 – Aviation Regulations - Credit: 3 hours
AERO 3019 – Commercial Pilot Ground School Single Engine - Credit: 3 hours
AERO 3085 – Commercial Pilot Flight Helicopter - Credit: 1 hour

Total Hours: 13
Flight Instructor Airplane Certificate (Less than 1 year)

AERO 2102 – Aviation Meteorology – Credit: 3 hours
AERO 2105 – Aviation Regulations – Credit: 3 hours
AERO 3023 – Flight Instructor I Ground School – Credit: 3 hours
AERO 3024 – Flight Instructor I Flight – Credit: 1 hour

Total Hours: 10

Flight Instructor Helicopter Certificate (Less than 1 year)

AERO 2102 – Aviation Meteorology – Credit: 3 hours
AERO 2105 – Aviation Regulations – Credit: 3 hours
AERO 3023 – Flight Instructor I Ground School – Credit: 3 hours
AERO 3087 – Flight Instructor I Flight Helicopter – Credit: 1 hour

Total Hours: 10

Flight Technology Airplane Certificate (1 year)

AERO 2102 – Aviation Meteorology - Credit: 3 hours
AERO 2103 – Flight Principles - Credit: 3 hours
AERO 2105 – Aviation Regulations - Credit: 3 hours
AERO 2106 – Private Pilot Ground School – Credit: 3 hours
AERO 3106 – Private Pilot Flight – Credit: 1 hour
AERO 3107 – Instrument Pilot Ground School – Credit: 3 hours
AERO 3018 – Instrument Pilot Flight – Credit: 1 hour
AERO 3019 – Commercial Pilot Ground School Single Engine – Credit: 3 hours
AERO 3020 – Commercial Pilot Flight I – Credit: 1 hour
AERO 3021 – Commercial Pilot Ground School Multi-Engine – Credit: 3 hours
AERO 3022 – Commercial Pilot Flight II – Credit: 1 hour
AERO 3023 – Flight Instructor I Ground School – Credit: 3 hours
AERO 3024 – Flight Instructor Flight – Credit: 1 hour
AERO 3025 – Flight Instructor II Ground School – Credit: 3 hours
AERO 3026 – Flight Instructor II Flight – Credit: 1 hour

Total Hours: 33

Flight Technology Helicopter Certificate (1 year)

AERO 2102 – Aviation Meteorology - Credit: 3 hours
AERO 2103 – Flight Principles - Credit: 3 hours
AERO 2105 – Aviation Regulations - Credit: 3 hours
AERO 2106 – Private Pilot Ground School – Credit: 3 hours
AERO 3081 – Private Pilot Flight Helicopter – Credit: 1 hour
AERO 3107 – Instrument Pilot Ground School – Credit: 3 hours
AERO 3083 – Instrument Pilot Flight Helicopter I – Credit: 1 hour
AERO 3084 – Instrument Pilot Flight Helicopter II – Credit: 1 hour
AERO 3019 – Commercial Pilot Ground School Single Engine – Credit: 3 hours
AERO 3085 – Commercial Pilot Flight Helicopter – Credit: 1 hour
AERO 3023 – Flight Instructor I Ground School – Credit: 3 hours
AERO 3087 – Flight Instructor I Flight Helicopter – Credit: 1 hour
AERO 3025 – Flight Instructor II Ground School – Credit: 3 hours
AERO 3089 – Flight Instructor II Flight Helicopter – Credit: 1 hour

Total Hours: 30
Instrument Pilot Rating Airplane Certificate (Less than 1 year)

AERO 2102 – Aviation Meteorology – **Credit:** 3 hours
AERO 2105 – Aviation Regulations - **Credit:** 3 hours
AERO 3107 – Instrument Pilot Ground School – **Credit:** 3 hours
AERO 3018 – Instrument Pilot Flight – **Credit:** 1 hour

Total Hours: 10

Multi-Engine Pilot Airplane Certificate (Less than 1 year)

AERO 2103 – Flight Principles – **Credit:** 3 hours
AERO 2102 – Aviation Meteorology – **Credit:** 3 hours
AERO 2105 – Aviation Regulations - **Credit:** 3 hours
AERO 3021 – Commercial Pilot Ground School Multi-Engine - **Credit:** 3 hours
AERO 3022 – Commercial Pilot Flight II – **Credit:** 1 hour

Total Hours: 13