

College of Basic and Applied Sciences
Upper Division Form 2007-2009 Catalog

Student name _____ Student # _____

Major **AEROSPACE** Minor _____

Concentration **MAINTENANCE MANAGEMENT** E-mail _____

NOTE: This concentration requires a minimum of 132 credit hours.

Instructions: For students graduating in Fall 2007 or later. *One (1) copy signed by major and minor advisors should be filed in the Records Office three semesters before anticipated graduation. An Intent to Graduate form should also be filed in the Records Office at the time of Upper Division Form submission.*

| General Education Area | Course | Semester | Grade | Notes | Credit Hours |
|---|------------------|----------|-------|-------|--------------|
| COMMUNICATION (9 hours) | COMM 2200 | | | | 3 |
| | ENGL 1010 | | | | 3 |
| | ENGL 1020 | | | | 3 |
| HISTORY (6 hours) Choose two: HIST 2010, HIST 2020, HIST 2030 | | | | | 3 |
| | | | | | 3 |
| HUMANITIES AND/OR FINE ARTS (9 hours) Choose one: ENGL 2020, 2030 or HUM 2610. Choose 2 with different rubrics: ANTH 2210, ART 1030, ART 1910, ART 1920, DANC 1000, HIST 1010, 1020, 1110, or 1120, MUS 1030, PHIL 1030, THEA 1030 | | | | | 3 |
| | | | | | 3 |
| | | | | | 3 |
| MATHEMATICS (3 hours required for General Studies) | MATH 1710 | | | | 3 |
| NATURAL SCIENCES (8 hours) | CHEM 1010 / 1011 | | | | 4 |
| | PHYS 2010 / 2011 | | | | 4 |
| SOCIAL/BEHAVIORAL SCIENCES (6 hours) Choose two (different rubrics): AAS 2100, ANTH 2010, ECON 2410, GEOG 2000, HLTH 1530 / 1531, JOUR / EMC / RIM 1020, PS 1010, PS 2010, PSY 1410, SOC 1010, SOC 2010, WMST 2100 | | | | | 3 |
| | | | | | 3 |
| Hours Required | | | | | 41 |

| Major Courses (2.0 GPA required) | Course | Semester | Grade | Notes | Credit Hours |
|--|-----------|----------|-------|-------|--------------|
| Introduction to Aerospace | AERO 1010 | | | | 3 |
| Theory of Flight | AERO 1020 | | | | 3 |
| Introduction to Aerospace Maintenance | AERO 1340 | | | | 3 |
| Aerospace Maintenance Shop Practices | AERO 1380 | | | | 3 |
| Airframe Inspection | AERO 2331 | | | | 3 |
| Powerplant Inspection | AERO 2342 | | | | 3 |
| Aircraft Welding | AERO 2371 | | | | 3 |
| Non-Metallic Structures: Dope, Fabric, and Finishing | AERO 2381 | | | | 3 |
| Aerospace Materials | AERO 3020 | | | | 3 |
| Propulsion Fundamentals | AERO 3030 | | | | 3 |
| Sheet Metal Structures | AERO 3301 | | | | 3 |
| Aerospace Reciprocating Engine Overhaul | AERO 3322 | | | | 3 |
| Advanced Aerospace Engine Systems Maintenance and Repair | AERO 3362 | | | | 3 |
| Aircraft Finishing and Non-Destructive Inspection | AERO 3371 | | | | 3 |
| Reciprocating Engine Maintenance Repair | AERO 3392 | | | | 3 |
| Aerospace Seminar | AERO 4040 | | | | 3 |
| Advanced Aerospace Vehicle Structural Repair | AERO 4301 | | | | 3 |
| Aerospace Vehicle Systems | AERO 4310 | | | | 3 |

Major requirements continued from previous page

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|---|-----------|--|--|--|-----------|
| Aerospace Accessory Systems Maintenance and Repair | AERO 4311 | | | | 3 |
| Turbine Engine System | AERO 4312 | | | | 3 |
| Reciprocating Engine Troubleshooting | AERO 4332 | | | | 3 |
| Turbine Engine Inspection and Troubleshooting | AERO 4342 | | | | 3 |
| Advanced Aerospace Vehicle Systems Overhaul | AERO 4371 | | | | 3 |
| Advanced Aerospace Accessory Systems Maintenance and Repair | AERO 4381 | | | | 3 |
| Aerospace Turbine Engine Maintenance and Overhaul | AERO 4392 | | | | 3 |
| Hours Required | | | | | 75 |

| Supporting Courses | | | | |
|--|----------|-------|-------|--------------|
| Course | Semester | Grade | Notes | Credit Hours |
| CSCI 1000 | | | | 1 |
| ETIS 1310 | | | | 2 |
| E T 3610 | | | | 4 |
| MATH 1810 | | | | 3 |
| MGMT 3610 or E T 3910 | | | | 3 |
| MGMT 3810 or MGMT 4490 or MGMT 4510 or MGMT 4920 | | | | 3 |
| Hours Required | | | | 16 |

| Minor (Optional) | | | | |
|-----------------------|----------------------|-------|-------|--------------|
| Course | Semester | Grade | Notes | Credit Hours |
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| | | | | |
| Hours Required | | | | |
| Signed: | | | | |
| | Minor Advisor | | | Date |

1. Degrees require a minimum of 120 semester hours (12 of the last 18 at MTSU) with a 2.0 GPA, a minimum of 42 upper-division hours (30 at MTSU) with a 2.0 GPA, and a minimum of 60 senior college hours.
2. Remedial/developmental courses do not count toward the 120-hour requirement or cumulative degree GPA.
3. Courses used to fulfill high school deficiencies can only be counted as general elective credit.

| | | | |
|----------------|----------------------|--|--|
| Signed: | | | |
| | Major Advisor | | |
| | Date | | |