

A Major Academic Plan (MAP) illustrates one efficient path toward completing a degree and includes only required courses and credits. A list of Major, General Education, and Elective credits, as well as a summary of required credit categories, are shown on page two. **Individual MAP customization by each student is expected.**

Catalog Year 2017-2018

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| AIRM - ADTC | Credit Hours | Min. Grade | \*Attribute | \*\*When Offered | Pre & Co-requisites |
| Semester One | | | | | |
| AIRM 0101: Mathematics | 3 |  |  | F |  |
| AIRM 0103: Truss Structures | 3 |  |  | F |  |
| AIRM 0104: Materials and Processes | 7 |  |  | F |  |
| AIRM 0107: Forms and Regulations | 3 |  |  | F |  |
| AIRM 0120: Structural Welding | 2 |  |  | F |  |
| Total | 18 |  |  |  |  |
| Semester Two | | | | | |
| AIRM 0102: Aircraft Drawing | 1 |  |  | S |  |
| AIRM 0105: Sheet metal Structures | 6 |  |  | S |  |
| AIRM 0108: Basic Electricity | 3 |  |  | S |  |
| AIRM 0109: Fluid System | 5 |  |  | S |  |
| AIRM 0110: Landing Gear Systems | 4 |  |  | S |  |
| Total | 19 |  |  |  |  |
| Semester Three (Summer) | | | | | |
| AIRM 0111: Utility Systems | 3 |  |  | Su |  |
| AIRM 0112: Electrical Systems | 5 |  |  | Su |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| Total | 8 |  |  |  |  |
| Semester Four | | | | | |
| AIRM 0221: Basic Reciprocating Engines | 3 |  |  | F |  |
| AIRM 0222: Advanced Reciprocating Engines | 2 |  |  | F |  |
| AIRM 0226: Induction and Exhaust Systems | 2 |  |  | F |  |
| AIRM 0227: Engine Fuel Systems | 3 |  |  | F |  |
| AIRM 0228: Ignition and Cooling Systems | 5 |  |  | F |  |
| Total | 15 |  |  |  |  |
| Semester 5 |  |  |  |  |  |
| AIRM 0223: Basic Turbine Engines | 3 |  |  | S |  |
| AIRM 0224: Advanced Turbine Engines | 2 |  |  | S |  |
| AIRM 0225: Engine Lubrication Systems | 2 |  |  | S |  |
| AIRM 0229: Engine Electrical Systems | 4 |  |  | S |  |
| AIRM 0230: Engine Propellers | 4 |  |  | S |  |
| Total | 15 |  |  |  |  |
| \*Key for Attribute: U=Upper division GE=General Education Objective  \*\*Key for When Offered: F=Fall S=Spring Su=Summer D=contact department (more…) | | | | | |

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| **2017-2018 Major Requirements** | **CR** | **2017-2018 GENERAL EDUCATION OBJECTIVES**  **Satisfy Objectives 1,2,3,6, One other unfulfilled obj.** | | **15 cr. min** | |
| **MAJOR REQUIREMENTS** |  |  | |  | |
| AIRM 0101: Mathematics 3 | |  | |  | |
| AIRM 0103: Truss Structures | 3 |  | |  | |
| AIRM 0104: Materials and Processes | 7 |  | |  | |
| AIRM 0107: Forms and Regulations | 3 |  | | | |
| AIRM 0120: Structural Welding | 2 |  | |  | |
| AIRM 0102: Aircraft Drawing | 1 | **TOTAL** | | **0** | |
| AIRM 0105: Sheet metal Structures 6 | |  | | | |
| AIRM 0108: Basic Electricity 3 | |  | |  | |
| AIRM 0109: Fluid System 5 | |  | |  | |
| AIRM 0110: Landing Gear Systems | 4 |  | |  | |
| AIRM 0111: Utility Systems 3 | |  | | | |
| AIRM 0112: Electrical Systems | 5 |  | |  | |
| AIRM 0221: Basic Reciprocating Engines | 3 |  | |  | |
| AIRM 0222: Advanced Reciprocating Engines | 2 |  | | | |
| AIRM 0226: Induction and Exhaust Systems 2 | |  | |  | |
| AIRM 0227: Engine Fuel Systems | 3 |  | |
| AIRM 0228: Ignition and Cooling Systems | 5 |  | | | |
| AIRM 0223: Basic Turbine Engines | 3 |  | |  | |
| AIRM 0224: Advanced Turbine Engines | 2 |  | | | |
| AIRM 0225: Engine Lubrication Systems | 2 |  | |  | |
| AIRM 0229: Engine Electrical Systems | 4 | GE Objectives Courses:  (University Catalog 2017-2018) | | | |
| AIRM 0230: Engine Propellers | 4 |
|  |  |  | | |  |
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|  |  |  | | |  |
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|  |  | **MAP Credit Summary** | | | **CR** |
|  |  | Major | | | 75 |
|  |  | General Education | | | 0 |
|  |  |  | | |  |
|  |  | TOTAL | | | 75 |
|  |  |  | | |  |
| **TOTAL** | **75** |  | | |  |
|  | |  | | |  |
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|  | |  | | |  |
| **Advising Notes** | |  | | |  |
|  | |  | | |  |
|  | | **Graduation Requirement Minimum Credit Checklist** | **YES** | | NO |
|  | | Min. of 75 credits |  | |  |
|  | |  |  | |  |
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