**Aviation Flight Program/Institutional Outcomes Crosswalk to Courses**

Gen Ed/Institutional Outcomes:

1. Students will be able to communicate clearly and effectively.
2. Students will be able to reason mathematically.
3. Students will be able to solve problems by gathering, interpreting, combining and/or applying information from multiple sources.
4. Students will be able to recognize or articulate personal/interpersonal aspects of, or connections between, diverse cultural, social, or political contexts.
5. Students will be able to demonstrate teamwork, ethics, appropriate safety awareness and/or workplace specific skills.

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| --- | --- | --- | --- | --- | --- | --- |
| **Course Prefix** | **Course** | **GE/IO 1** | **GE/IO 2** | **GE/IO 3** | **GE/IO 4** | **GE/IO 5** |
| CMST 100 | Human Communications | X |  |  |  |  |
| AVF 225 | Effective Communication in Flight Instruction | X |  |  |  |  |
| ENGL 109 | Applied Technical Writing | X |  |  |  |  |
| AVF 261 | Instrument Flight (Stage 6) | X |  |  |  |  |
| AVF190/290 | Flight (Alternate) | X |  |  |  |  |
| AVF 291 | Multi-Engine Instructor | X |  |  |  |  |
| MAP 104 | Applied Mathematics |  | X |  |  |  |
| AVF 114 | Theory of Flight |  | X |  |  |  |
| AVF 112 | Private Pilot Ground School |  | X |  |  |  |
| AVF 142 | Private Pilot Flight (Stage 2) |  | X |  |  |  |
| AVF 251 | Commercial Pilot Flight (Stage 4) |  | X |  |  |  |
| AVF 292 | A.T.P.: Multi-Engine |  | X |  |  |  |
| AVF 111 | Pre-Flight Ground School |  |  | X |  |  |
| AVF 221 | Commercial Pilot Ground School |  |  | X |  |  |
| AVF 113 | Meteorology |  |  | X |  |  |
| AVF 223 | Instrument Ground School |  |  | X |  |  |
| AVF 117 | Aviation Emergency Preparedness |  |  | X |  |  |
| AVF 223 | Instrument Ground School |  |  | X |  |  |
| BUS 120 | Human Relations on the Job |  |  |  | X |  |
| AVF 143 | Private Pilot Flight (Stage 3) |  |  |  | X |  |
| AVF 141 | Private Pilot Flight (Stage 1) |  |  |  | X |  |
| AVF 254 | Night Flying |  |  |  | X |  |
| FAD 150 | Industrial First Aid |  |  |  | X |  |
| AVF270 | Flight Instructor |  |  |  | X |  |
| AVF 252 | Commercial Pilot Flight (Stage 5) |  |  |  |  | X |
| AVF 253 | Commercial Pilot Flight (Stage 7) |  |  |  |  | X |
| AVF 271 | Flight Instructor Instrument Airplane |  |  |  |  | X |
| AVF 272 | Sea Plane Flight |  |  |  |  | X |
| AVF 275 | Multi-Engine Flight |  |  |  |  | X |
| AVF 276 | Simulator Training /Instrument |  |  |  |  | X |

**Aviation Flight Program Outcome Crosswalk to Courses**

Program Outcomes:

1. The students will be able to demonstrate the technical aspects of aircraft control and operation of related systems at the FAA commercially certificated and instrument rated pilot level.
2. The students will be able to interpret regulatory and legal issues which impact the industry at the FAA commercially certificated pilot level.
3. The student will be able to evaluate effective aeronautical decision making skills at the FAA commercially certificated pilot level.
4. Students will be able to communicate clearly and effectively within a workplace context.
5. Students will be able to reason mathematically using methods appropriate to the profession.
6. Students will be able to demonstrate teamwork and/or workplace specific skills related to human relations.

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Course Prefix** | **Course** | **PO #1** | **PO #2** | **PO #3** | **PO #4** | **PO #5** | **PO #6** |
| CMST 100 | Human Communications |  |  |  | X |  |  |
| AVF 225 | Effective Communication in Flight Instruction |  |  |  | X |  |  |
| ENGL 109 | Applied Technical Writing |  |  |  | X |  |  |
| AVF 261 | Instrument Flight (Stage 6) |  |  |  | X |  |  |
| AVF190/290 | Flight (Alternate) |  |  |  | X |  |  |
| AVF 291 | Multi-Engine Instructor |  |  |  | X |  |  |
| MAP 104 | Applied Mathematics |  |  |  |  | X |  |
| AVF 114 | Theory of Flight |  |  |  |  | X |  |
| AVF 112 | Private Pilot Ground School |  |  |  |  | X |  |
| AVF 142 | Private Pilot Flight (Stage 2) |  |  |  |  | X |  |
| AVF 251 | Commercial Pilot Flight (Stage 4) |  |  |  |  | X |  |
| AVF 292 | A.T.P.: Multi-Engine |  |  |  |  | X |  |
| AVF 111 | Pre-Flight Ground School |  | X |  |  |  |  |
| AVF 221 | Commercial Pilot Ground School |  | X |  |  |  |  |
| AVF 113 | Meteorology |  | X |  |  |  |  |
| AVF 223 | Instrument Ground School |  | X |  |  |  |  |
| AVF 117 | Aviation Emergency Preparedness |  | X |  |  |  |  |
| AVF 223 | Instrument Ground School |  | X |  |  |  |  |
| BUS 120 | Human Relations on the Job |  |  | X |  |  |  |
| AVF 143 | Private Pilot Flight (Stage 3) |  |  | X |  |  |  |
| AVF 141 | Private Pilot Flight (Stage 1) |  |  | X |  |  |  |
| AVF 254 | Night Flying |  |  | X |  |  |  |
| FAD 150 | Industrial First Aid |  |  | X |  |  |  |
| AVF270 | Flight Instructor |  |  | X |  |  |  |
| AVF 252 | Commercial Pilot Flight (Stage 5) | X |  |  |  |  | X |
| AVF 253 | Commercial Pilot Flight (Stage 7) | X |  |  |  |  | X |
| AVF 271 | Flight Instructor Instrument Airplane | X |  |  |  |  | X |
| AVF 272 | Sea Plane Flight |  |  |  |  |  | X |
| AVF 275 | Multi-Engine Flight |  |  |  |  |  | X |
| AVF 276 | Simulator Training /Instrument |  |  |  |  |  | X |

**7-Year Assessment Plan for the Aviation Flight Program (Updated 09/2019)**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **Year Assessed** | | | | | | | |
| **19/20** | **20/21** | **21/22** | **22/23** | **23/24** | **24/25** | **25/26** |
| **PO #4** | **PO #5** | **PO #2** | **PO #3** | **PO #1,6** | **PO #4** | **PO #5** |
| **Course Prefix** | **Course** | **GE/IO 1** | **GE/IO 2** | **GE/IO 3** | **GE/IO 4** | **GE/IO 5** | **GE/IO 1** | **GE/IO 2** |
| CMST 100 | Human Communications | X |  |  |  |  | X |  |
| AVF 225 | Effective Communication in Flight Instruction | X |  |  |  |  | X |  |
| ENGL 109 | Applied Technical Writing | X |  |  |  |  | X |  |
| AVF 261 | Instrument Flight (Stage 6) | X |  |  |  |  | X |  |
| AVF190/290 | Flight (Alternate) | X |  |  |  |  | X |  |
| AVF 291 | Multi-Engine Instructor | X |  |  |  |  | X |  |
| MAP 104 | Applied Mathematics |  | X |  |  |  |  | X |
| AVF 114 | Theory of Flight |  | X |  |  |  |  | X |
| AVF 112 | Private Pilot Ground School |  | X |  |  |  |  | X |
| AVF 142 | Private Pilot Flight (Stage 2) |  | X |  |  |  |  | X |
| AVF 251 | Commercial Pilot Flight (Stage 4) |  | X |  |  |  |  | X |
| AVF 292 | A.T.P.: Multi-Engine |  | X |  |  |  |  | X |
| AVF 111 | Pre-Flight Ground School |  |  | X |  |  |  |  |
| AVF 221 | Commercial Pilot Ground School |  |  | X |  |  |  |  |
| AVF 113 | Meteorology |  |  | X |  |  |  |  |
| AVF 223 | Instrument Ground School |  |  | X |  |  |  |  |
| AVF 117 | Aviation Emergency Preparedness |  |  | X |  |  |  |  |
| AVF 223 | Instrument Ground School |  |  | X |  |  |  |  |
| BUS 120 | Human Relations on the Job |  |  |  | X |  |  |  |
| AVF 143 | Private Pilot Flight (Stage 3) |  |  |  | X |  |  |  |
| AVF 141 | Private Pilot Flight (Stage 1) |  |  |  | X |  |  |  |
| AVF 254 | Night Flying |  |  |  | X |  |  |  |
| FAD 150 | Industrial First Aid |  |  |  | X |  |  |  |
| AVF270 | Flight Instructor |  |  |  | X |  |  |  |
| AVF 252 | Commercial Pilot Flight (Stage 5) |  |  |  |  | X |  |  |
| AVF 253 | Commercial Pilot Flight (Stage 7) |  |  |  |  | X |  |  |
| AVF 271 | Flight Instructor Instrument Airplane |  |  |  |  | X |  |  |
| AVF 272 | Sea Plane Flight |  |  |  |  | X |  |  |
| AVF 275 | Multi-Engine Flight |  |  |  |  | X |  |  |
| AVF 276 | Simulator Training /Instrument |  |  |  |  | X |  |  |