### Flight Education - AVMF

#### Courses

**AVMF 2141 FLIGHT ORIENTATION (1)** LAB. 2. Pr. 2.25 GPA. Basic flight experience for non-pilots to familiarize aviation majors, engineers, teachers, and other students desiring a limited exposure to flight. Includes ground discussion and aircraft time. Special fee.


**AVMF 2171 PRIVATE PILOT FLIGHT TRAINING I (2)** LAB. 6. Pr. AVMF 2150 or Departmental approval. Dual and solo flight instruction and discussion to prepare for FAA Private Pilot Certificate. Special fee.

**AVMF 2181 PRIVATE PILOT FLIGHT TRAINING II (2)** LAB. 6. Pr. AVMF 2171 or Departmental approval. Continuation of dual and solo flight instruction and discussion to prepare for FAA Private Pilot Certificate. Special fee.

**AVMF 2230 PRINCIPLES OF INSTRUMENT FLIGHT (3)** LEC. 3. Pr. AVMF 2181. Instruments, FAA regulations, air traffic procedures, radio navigation, and aircraft operation and performance as applied to instrument flying. Preparation for the FAA Instrument Rating Knowledge Test. Special fee.


**AVMF 2250 PRINCIPLES OF COMMERCIAL FLIGHT (3)** LEC. 3. Pr. AVMF 2251. FAA regulations, high altitude operations, aerodynamics, commercial flight maneuvers, environmental, ice control, retractable landing gear, and aircraft performance as applied to commercial flying. Preparation for the FAA Commercial Pilot Knowledge Test. Special fee.

**AVMF 2251 INSTRUMENT FLIGHT TRAINING II (2)** LAB. 6. Pr. AVMF 2241. Continuation of instruments, FAA regulations, air traffic control procedures, radio navigation, and aircraft operation and performance as applied to instrument flying. Preparation for the FAA Instrument Rating Practical Test. Special fee.

**AVMF 2261 COMMERCIAL PILOT FLIGHT TRAINING I (2)** LAB. 6. Pr. AVMF 2251. Flight training toward the Commercial Pilot Certificate. Special fee.

**AVMF 2271 COMMERCIAL PILOT FLIGHT TRAINING II (2)** LAB. 6. Pr. AVMF 2261. Continuation of flight training towards the Commercial Pilot Certificate. Emphasis on advanced commercial maneuvers, complex airplane systems, and cross country flying. Special fee.

**AVMF 4271 MULTI-ENGINE FLIGHT TRAINING (2)** LAB. 2. Pr. AVMF 2271. Specialized instruction in methods and and techniques of multi-engine aircraft operations. Sufficient classroom and flight instruction is given under FAA Part 141 to qualify for the FAA Multi-Engine Rating. Special Fees.


**AVMF 4331 TRANSPORT AIRCRAFT FLIGHT TRAINING (2)** LAB. 6. Includes instrument and night instruction, emergency procedures and actual air transportation operations. Preparation for the Airline Transport Pilot Certification, if otherwise qualified. Special fees.


AVMF 4400 APPLIED AERODYNAMICS AND PROPULSION SYSTEMS (3) LEC. 3. Pr. PHYS 1000 or PHYS 1007. Private Pilot Certificate, or Departmental approval. The principles of aerodynamics and propulsion and how aerodynamic factors affecting lift, thrust, drag, in-air performance, stability and flight control.