

AVIATION FLIGHT (AVF)

AVF 111 - Private Flight

Credit Hours: 5, Contact Hours: 5

Division: Aviation

A flight course structured to provide a minimum of 40 dual and solo flight hours to meet the aeronautical experience requirements for a private pilot. Upon completion of this course, the student will have attained the FAA Private Pilot Rating. Course requires 42.4 hours of flight time, 8.0 hours of pre/post, and 17.5 hours of ground instruction. Hourly rates effective March 2018 are \$59/hour for ground instruction and \$230/hour for the aircraft and flight instructor. Group 2 course.

Required Prerequisites: Instructor Permission Required

AVF 132 - Instrument Flight

Credit Hours: 4, Contact Hours: 4

Division: Aviation

A flight course designed to meet the aeronautical experience requirements for the FAA Instrument check ride. Upon completion of this course, the student will have attained the FAA Instrument Rating. Course requires 39.8 flight hours, 9.8 hours of pre/post, and 17.7 hours of ground instruction. Hourly rates effective March 2018 are \$59/hour for ground instruction and \$230/hour for the aircraft and flight instructor. Group 2 course.

Required Prerequisites: Private Pilot Rating; AVF 111 and AVG 101

AVF 141 - Remote Pilot Flight

Credit Hours: 3, Contact Hours: 4

Division: Aviation

Students will be introduced to the world of Unmanned Aerial Systems. This course takes a look at everything from current Unmanned Aircraft Systems to future civilian applications. In addition to learning about this new industry, students will be introduced to flying remotely piloted aircraft and operating entry level Unmanned Aerial Vehicles. Group 2 course.

AVF 211 - Commercial Drone Operations

Credit Hours: 4, Contact Hours: 4

Division: Aviation

This course will guide students deeper into the Unmanned Aerial Systems Industry. Topics will include Federal Regulations for UAS, components of Unmanned Aerial Vehicles, autopilot programming and flight plan development. Students will be working with UAS autopilot simulators and also be introduced to flying professional UAS systems. Group 2 course.

Required Prerequisites: AVF 141, AVG 142

Recommended Prerequisites: AVG 101

AVF 230 - Commercial Flight I

Credit Hours: 2, Contact Hours: 2

Division: Aviation

The student will advance their skills required by the FAA to obtain a Commercial Pilot Certificate. They will gain experience in different aircraft with the opportunity to gain a Tailwheel Endorsement or Seaplane Rating. Students will increase their instrument proficiency while conducting cross country flights. Course requires 35 flight hours, 6 of pre/post, and 7 hours of ground instruction. Hourly rates effective March 2018 are \$59/hour for ground instruction and \$230/hour for the aircraft and flight instructor. Group 2 course.

Required Prerequisites: AVF 130 or AVF 132 and AVG 252, both with a 2.0 or better or equivalent rating.

AVF 232 - Commercial Flight II

Credit Hours: 3, Contact Hours: 3

Division: Aviation

A flight course structured to provide a dual and solo flight hours to partially fulfill the flight hour requirements for the FAA Commercial Pilot Certificate. This course will provide a review of VFR cross country navigation procedures and introduce the student to multi-engine flight. Course requires 35 flight hours, 3.0 hours of pre/post, and 27.8 hours of ground instruction. Hourly rates effective March 2018 are \$59/hour for single engine ground instruction and \$69/hour for multi-engine flight instruction and \$230/hour for the single aircraft and flight instructor and \$340/hour for the multi-engine aircraft and instructor. Group 2 course. Required Prerequisites: AVF 230 with a 2.0 or better - may be taken concurrently.

AVF 234 - Commercial Flight III

Credit Hours: 2, Contact Hours: 2

Division: Aviation

This course is the last of three flight courses required to obtain the FAA Commercial Pilot Certificate. This course consists of flight hours with an emphasis on commercial flight maneuvers in preparation for the Commercial Pilot FAA Practical Test. Upon completion of this course, the student will have attained the FAA Commercial Pilot Certificate. Course requires 24.6 flight hours, 3.6 hours of pre/post, and 8.0 hours of ground instruction. Hourly rates effective March 2018 are \$59/hour for ground instruction and \$230/hour for the aircraft and flight instructor. Group 2 course.

Required Prerequisites: AVF 232 with a 2.0 or better.

AVF 241 - Advanced Drone Operations

Credit Hours: 3, Contact Hours: 4

Division: Aviation

Students will apply what they have learned in previous courses by working largely in the field conducting simulated and real life flight missions. This course focuses on applying Unmanned Aerial Systems to future civilian applications such as inspections, aerial mapping, and aerial photography. Group 2 course.

Required Prerequisites: AVF 141 and either AVF 211 or AVG 210

AVF 261 - Aerosonde UAS Flight Training

Credit Hours: 3, Contact Hours: 4

Division: Aviation

This hands on flight course allows students to earn a manufacturer's certification from one of the leading UAS platform manufacturers in the U.S. Students will participate in live flight training utilizing the Aerosonde Small UAS platform, a leading platform currently operated for U.S. Department of Defense customers around the globe. Group 2 course.

Required Prerequisites: AVF 241 - may be taken concurrently and AVG 260

AVF 271 - Multi-Engine Flight

Credit Hours: 1, Contact Hours: 1

Division: Aviation

This flight course is designed to give the student the aeronautical knowledge, proficiency, and experience required to meet the FAA Practical Test Standards for the Private or Commercial Multi-engine rating. Upon completion of this course, the student will have attained the FAA Multi-engine Land Rating. Course requires 4 flight hours, 1 hour of pre/post, and 1 ground hour. Hourly rates effective March 2018 are \$69/hour for ground instruction and \$340/hour for the aircraft and flight instructor. Group 2 course.

Required Prerequisites: AVF 234 with a 2.0 or better.

AVF 272 - Multi Engine Instructor

Credit Hours: 2, Contact Hours: 2

Division: Aviation

In this course, the student will learn the skills to be a Certified Multi Engine Flight Instructor (MEI). They will master the skills of the Private and Commercial Pilot ratings. In addition, they will learn how to be an effective teacher and understand all FAA rules and regulations that accompany being an instructor. Course requires 5 flight hours, 1.3 hours of pre/post, and 5 hours of ground instruction. Hourly rates effective March 2018 are \$69/hour for ground instruction and \$271/hour for the aircraft and flight instructor. Group 2 course.

Required Prerequisites: AVF 382

AVF 274 - Tailwheel Flight

Credit Hours: 1, Contact Hours: 1

Division: Aviation

This course is designed to provide the student with the skills, knowledge, and experience to receive a logbook endorsement to fly tailwheel aircraft. Course requires 4 flight hours and 1 hour of pre/post. Hourly rate effective March 2018 is \$209/hour for the aircraft and flight instructor.

Group 2 course.

Required Prerequisites: AVF 111 and AVG 101 - both with a 2.0 or better.

AVF 275 - Seaplane Flight

Credit Hours: 2, Contact Hours: 2

Division: Aviation

In this course, the student will gain the skills, knowledge, and experience to receive endorsement for the FAA Practical Test. Students will learn in a Piper Super Cub on floats as they demonstrate maneuvers and landings. Course requires 5 flight hours, 1.2 hours of pre/post, and 1 hour of ground instruction. Hourly rates effective March 2018 are \$59/hour for ground instruction and \$209/hour for the aircraft and flight instructor. Group 2 course.

Required Prerequisites: AVF 234 with a 2.0 or better.

AVF 283 - Upset Maneuver Training

Credit Hours: 1, Contact Hours: 1

Division: Aviation

In this course, the student will learn the foundations to safely perform basic aerobatic maneuvers. Also, the student will gain confidence and skills necessary to recover from various unusual flight attitudes that will increase the students' overall flight safety. Course requires 6 flight hours, 1.5 hours of pre/post, and 2 hours of ground instruction. Hourly rates effective March 2018 are \$59/hour for ground instruction and \$209/hour for the aircraft and flight instructor. Group 2 course.

Required Prerequisites: AVF 111 and AVG 101, both with a 2.0 or better

AVF 284 - Instrument Flight Instructor

Credit Hours: 2, Contact Hours: 2

Division: Aviation

The student perfects both teaching and instrument flying skills while sitting in the right seat of the cockpit. The student develops the knowledge and ability to teach others instrument flying procedures. Course requires 6 flight hours, 1.2 hours of pre/post, and 8 hours of ground instruction. Hourly rates effective March 2018 are \$59/hour for ground instruction and \$230/hour for the aircraft and flight instructor. Group 2 course.

Required Prerequisites: AVF 382 with a 2.0 or better

AVF 382 - Flight Instructor Rating

Credit Hours: 4, Contact Hours: 4

Division: Aviation

In this course the student will learn the skills to be a Certified Flight Instructor (CFI). They will master the skills of the Private and Commercial Pilot ratings. In addition they will learn how to be an effective teacher and understand all FAA rules and regulations that accompany being an instructor. Course requires 18 flight hours, 4.5 hours of pre/post, and 20 hours of ground instruction. Hourly rates for effective March 2018 are \$59/hour for ground instruction and \$212/hour for the aircraft and flight instructor. Group 2 course.

Required Prerequisites: AVF 234 with a 2.0 or better and instructor permission.