

AVF 261 - AEROSONDE UAS FLIGHT TRAINING

- The preparation necessary and professionalism needed for this occupation.

Course Description

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.

Credit Hours

3

Contact Hours

4

Lecture Hours

2

Lab Hours

2

Required Prerequisites

AVF 241 - may be taken concurrently and AVG 260

Course Learning Outcomes

Knowledge:

- Learn advanced aircraft systems and components along with advancing their flight skills and coordination. This specialized knowledge will prepare students for the Unmanned Aircraft System industry after graduation.

Application:

- Apply what they are learning to real life scenarios. Decision making will play a large role in applying what they have learned.

Integration:

- Apply what they are learning to real life scenarios. Decision making will play a large role in applying what they have learned.
- Analyze situations and choose different outcomes.

Human Dimension:

- Learn about themselves and what it takes to succeed in the Unmanned Aircraft System industry.
- Evaluate themselves on their skill and knowledge level and assess their deficiencies.

Caring - Civic Learning:

- Reflect on how their decisions and actions impact their aircraft, its sensors and people on the ground.
- Recognize the need for ensuring a culture of aviation safety and public perception of the unmanned aircraft industry.

Learning How to Learn:

- Learn what it's like to receive manufacturer specific training. This course is identical to the training environment a student would receive when working for a large Unmanned Aircraft System manufacturer.