

DRONE MAPPING CERTIFICATE OF PROFICIENCY



The Drone Mapping Program Certificate of Proficiency provides 180 hours of instruction and hands-on flight training. This program covers hands-on flight training and test preparation for the FAA 107 drone pilots examination. This program includes the drone flight school non-credit course and the drone mapping non-credit course. Program covers theory and operations of common sensors used by the operators of unmanned aircraft systems in different industrial applications. Theory is combined with operational scenarios and flying actual missions. Ample flight time is provided to fully train the students with the ability to match specific sensors with anticipated missions. The flight operators will be versed in all operations as listed and will be industry ready upon completion. This mapping course teaches pilots how to do precision mapping missions and data collection for industry.

The Program-level Student Learning Outcomes (PSLOs) below are outcomes that students will achieve after completing specific certificate requirements in this program. Students will:

1. Learn how to do precision mapping missions and data collection for industry
2. Participate in flight missions and apply flight theory
3. Learn flight theory combined with operational scenarios
4. Learn operations of common sensors used by operators of unmanned aircraft systems in different industrial applications

Certificate of Proficiency Requirements:

Note: All non-credit courses must be completed with a "pass" credit.

| Code | Title | Units |
|----------|---------------------------|-------|
| CSIS-070 | Drone Flight School | 0 |
| CSIS-072 | Drone Surveying & Mapping | 0 |