

**Course Description:** Personal hobbyists, police, fire and rescue personnel, engineers, real estate agents, photographers, roofers and other professionals are using unmanned aerial systems (UAS) for tasks ranging from racing and photography to surveillance and damage assessment. During this course, highly qualified UAS curriculum provide industry-leading classroom training and prepare drone pilots for the Part 107 Drone License exam. Topics include regulations, airspace, weather, loading and performance, and operations.

**Notes:** [Certificated Remote Pilots including Commercial Operators \(faa.gov\)](https://www.faa.gov)

Student Led Companies		Complete
<b>Content Skill Sets</b>		<b>Knowledge/ Performance</b>
1887.01	Use social media appropriately and effectively, in personal and professional situations.	
1887.02	Exhibit flexibility and adaptability.	
1887.03	Demonstrate leadership skills.	
1887.04	Recognize others for their contributions.	
1887.05	Demonstrate group process techniques.	
1887.06	Organize work.	

Application/Interview Structure		Complete
<b>Content Skill Sets</b>		<b>Knowledge/ Performance</b>
1887.07	Exhibit professional practices.	
1887.08	Apply for employment.	
1887.09	Demonstrate employability skills needed to keep a job.	
1887.10	Demonstrate personal qualities appropriate to the work environment.	

Formal Attendance System		Complete
<b>Content Skill Sets</b>		<b>Knowledge/ Performance</b>
1887.11	Exhibit responsibility.	
1887.12	Explain the importance of satisfactory attendance to the overall operation of the business.	
1887.13	Call in to notify the supervisor of unanticipated absences.	

Drug Free Work Zone		Complete
<b>Content Skill Sets</b>		<b>Knowledge/ Performance</b>

1887.14	Identify healthy practices and behaviors that will maintain or improve the health of self.	
1887.15	Ensure healthful working conditions.	
1887.16	Identify why drug free work zones are needed to be a productive/safe company.	

<b>6S Environment</b>		<b>Complete</b>
<b>Content Skill Sets</b>		<b>Knowledge/ Performance</b>
1887.17	Apply previous learning to situations where problems must be solved or decisions made quickly.	
1887.18	Exhibit interest in making the organization more effective and productive.	
1887.19	Identify why 6S is important to be an efficient and effective company.	

<b>Safe Work Areas</b>		<b>Complete</b>
<b>Content Skill Sets</b>		<b>Knowledge/ Performance</b>
1887.20	Explain the necessity and benefits/disadvantages of organizational change.	
1887.21	Identify ways to reduce or prevent injuries and illness.	
1887.22	Identify efficient, effective, and ethical uses of technology in the workplace.	
1887.23	Ensure safe working conditions.	
1887.24	Demonstrate safe use of tools and equipment.	
1887.25	Practice environmental conservation and safety.	

<b>Work Place Teams</b>		<b>Complete</b>
<b>Content Skill Sets</b>		<b>Knowledge/ Performance</b>
1887.26	Participate in group or team discussions.	
1887.27	Cooperate in a pleasant and polite manner with clients, coworkers, and supervisors.	
1887.28	Explain the importance of teamwork to the overall operation of the business.	
1887.29	Perform work tasks in a team.	
1887.30	Look for ways to help others.	
1887.31	Take directions willingly.	

<b>Project-Based Learning/Student Engagement</b>		<b>Complete</b>
<b>Content Skill Sets</b>		<b>Knowledge/ Performance</b>
1887.32	Perform math operations using whole numbers, fractions, and percentages.	
1887.33	Gather information.	
1887.34	Provide clear documentation of assignments, goals, and timelines.	

1887.35	Define the problem.	
1887.36	Analyze the problem and identify the solution.	
1887.37	Make recommendations.	

<b>Company Name and Handbook</b>		<b>Complete</b>
<b>Content Skill Sets</b>		<b>Knowledge/ Performance</b>
1887.38	Identify the company's mission and the individual employee's contribution to that mission.	
1887.39	Interpret organizational policies and procedures.	
1887.40	Apply management techniques.	

<b>Company Meetings</b>		<b>Complete</b>
<b>Content Skill Sets</b>		<b>Knowledge/ Performance</b>
1887.41	Engage in conversations with coworkers, supervisors, and clients.	
1887.42	Use the knowledge of computer logic, operation systems, and basic troubleshooting techniques.	
1887.43	Attend team meetings, focus on the topic/purpose, offer facts and ideas, and help others.	

<b>Onsite Business Reviews</b>		<b>Complete</b>
<b>Content Skill Sets</b>		<b>Knowledge/ Performance</b>
1887.44	Interpret and comprehend technical and general interest in written material.	
1887.45	Identify how the company functions within the broad world of business, industry, and service.	
1887.46	Identify ways in which the individual employee represents the organization.	
1887.47	Apply industry quality standards and practices.	

<b>Accountability</b>		<b>Complete</b>
<b>Content Skill Sets</b>		<b>Knowledge/ Performance</b>
1887.48	Identify aspects of owning or starting up a small business.	
1887.49	Share information using a range of appropriate communications technologies.	
1887.50	Explain the importance of using data to improve company productivity.	