



Unmanned Autonomous Systems and Vehicles (Formerly Aerial Robotics - Drones) Program of Study

STEM Endorsement

The **Unmanned Autonomous Systems and Vehicles** program of study emphasizes the skills necessary to fly and program unmanned vehicles while also conducting field operations and repairs.

To complete the Program of Study, students must earn four credits in the Program of Study and one of the credits must be an Advanced Level course.

NOTE: This program of study is part of the P-TECH Academy. For enrollment information, please visit the P-TECH website or the College Credit Opportunities section in this guide.

Postsecondary Options, Occupations and Additional Learning Opportunities

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Part 107 Remote Drone Pilot	Commercial Pilots	Airline Pilots, Copilots, and Flight Engineers		

Additional industry-based certification information is available on the TEA CTE website. For more information on postsecondary options for this program of study, visit TXCTE.org

Occupations	Median Wage	Annual Openings	% Growth
Aerospace Engineering and Operations Technicians	\$60,757	114	9%
Avionics Technicians	\$59,114	170	9%
Airline Pilots, Copilots, and Flight Engineers	\$165,130	1,150	9%
Commercial Pilots	\$86,310	548	9%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:	Work Based Learning Activities:
Participate in SkillsUSA Explore virtual aviation websites	Seek part-time work at an airport, aviation services agency, or airline

Level I Certificate in UAV/UAS

College Credit Opportunity – Tarrant County College

Crowley ISD offers dual credit courses in UAV/UAS to achieve a Level One Certificate in UAV/UAS. These courses are offered through Tarrant County College and tuition is waived. Students must be enrolled in Tarrant County College. Please refer to the College Credit section of this guide or visit <https://www.crowleyisdtx.org/Domain/1009> for more information.