

# Prepare your students for ~~the future~~ **TODAY**

The commercial applications of drones and unmanned aerial vehicles (UAV) have quietly exploded across industries.

The proliferation of UAV's has driven demand for workers with the education and hands-on experience using this technology - skills that will be key in a competitive job market.

Integrating this technology into STEM curriculums is crucial to the success of your students as drones and UAV's become more ubiquitous in the future.



## Architecture & Construction

- Site/Environmental Surveys
- 3D Building Mapping
- Material Delivery
- Inspections
- Point-of-View Imaging
- Interactive Blueprints



## Law Enforcement and Fire & Rescue

- Tactical Operations
- Evidence Collection
- Fire / Wildfire Control
- Infrared & Thermal Imaging
- Gas & Hazard Detection
- Surveillance



## Environmental & Agriculture

- Pollination & Seeding
- Water / Shoreline Monitoring
- Crop Spraying
- Multispectral Imaging
- Endangered Species Monitoring
- Contamination Research



## Engineering

- Structure Inspection
- Terrain Mapping
- Advanced Surveying
- Costing / Project Modeling
- CAD Integrations
- Light Detection (LiDAR)



## Energy & Infrastructure

- Infrastructure Inspections
- Subterranean Resource Location
- Wind Efficacy
- Solar Modeling
- Disaster Response
- Project Management



## Entertainment

- Location Scouting
- Aerial Light Shows
- Special Effects
- Aerial Photography & Video
- Sports & Live Entertainment
- Direction & Production

