

From drone interest to professional UAS readiness.

CareerVector gives schools two ways to support UAS learners. Career Exploration helps students understand the industry and choose a direction. Career Pathway helps prepared students practice professional mission work and produce evidence of competency.



Part 107 is a milestone, not the finish line.

Certification proves regulatory knowledge. Professional work also requires mission planning, sound risk decisions, clear communication, documentation and useful deliverables.

THE PROFESSIONAL READINESS PATH

Interest → Part 107 → Professional Readiness → Opportunity

Career Exploration is packaged by experience depth. Career Pathway is built from a Readiness Core plus Mission Modules, so students move through complete professional mission cycles instead of isolated flight exercises.

CareerVector develops readiness. It does not promise jobs or placements.

The CareerVector v1 architecture

Two product families. Two packaging models.

Exploration remains flexible because the outcome is direction. Pathway uses a defined instructional structure because the outcome is demonstrated competency.



Career Exploration

Sold by experience depth

For students still discovering the UAS industry

Career Briefing

60-90 minute exposure and UAS career context

Exploration Lab

One standard visit with interactive mission concepts

Exploration Experience

Two visits or one extended block for deeper direction

PRIMARY OUTCOME

Direction

Career Pathway

Readiness Core + Mission Modules

For students ready to apply knowledge in a professional setting

Readiness Core

Professional operating framework for a new cohort

Mission Modules

Two-visit mission cycles: plan, execute and close

Student evidence

Documentation, decisions and portfolio artifacts

PRIMARY OUTCOME

Demonstrated competency

PATHWAY DEPTH EXAMPLES

Pathway Foundations

Readiness Core plus one Mission Module for one full applied mission cycle.

Pathway Practicum

Readiness Core plus two Mission Modules so students apply feedback and show progression.

Explore, prepare, apply and demonstrate

Discover, scope, deliver, evaluate and identify the next opportunity

What changes

Value for the learner and the program

FOR STUDENTS

From flying a drone to working professionally in UAS

Career direction

Industries, roles and realistic next options

Professional judgment

Incomplete information, risk and Go/No-Go decisions

Mission readiness

Planning, roles, preparation, execution and closeout

Work products

Reports, mission artifacts and portfolio evidence

Employer awareness

Expected behavior, reliability and technical competence

Work based learning readiness

Stronger preparation for job shadows, mentoring and internships

FOR SCHOOLS & PROGRAMS

CareerVector is designed to complement, not replace, what educators already do well

Extend Part 107

Connect regulatory knowledge with professional application

Strengthen existing programs

Add an industry informed operating layer

Create applied learning

Move from concepts to decisions and professional work

Support work based learning

Prepare students to engage more credibly with partners

Produce evidence of readiness

Create artifacts that show capability and growth

Connect curriculum with industry

Bring real mission workflows and expectations into class

When a student earns Part 107, what opportunity should come next?



Built from operating experience, not generic STEM programming.

ProAerial Media developed CareerVector from professional UAS work in real operating environments. That experience shapes the program's approach to preparation, safety, judgment, communication, documentation and data quality.

Commercial UAS operations

Customer objectives, constraints and useful deliverables

Inspection & data collection

Repeatability, situational awareness and documentation

Operational safety & risk

Preparation, changing conditions and accountable judgment

Flight testing & advanced systems

Emerging technology and structured operating procedures

Mapping, modeling & imaging

Flight operations connected to usable data

FAA Part 107 education

A foundation for the larger question of what comes next

A practical next step

CareerVector engagements begin with discovery. Let's identify the right Exploration depth or Pathway module sequence for your students.

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CAREERVECTOR ONLINE