Annual Program Review – Drone Aviation & Geospatial Technologies (2025–2026)

Form: Annual Program Review

Field	Value
Submitted by	Devon Russell (57012)
Submitted on	Jan 7, 2026
Form ID	a75217d4-8792-4b4a-b003-e7cbd4f84ed4
Year	2025–2026
Program	Drone Aviation & Geospatial Technologies
Begin Date	Jan 7, 2026

A. Program Learning Outcomes

Reviewed Jan 7, 2026.

Instructor review incorporates advisory board insights and student feedback; AI added into coursework.

Outcomes up-to-date in Coursedog and the program web page.

B. Course Syllabi

All required syllabus components are included.

Date of review: Jan 7, 2026.

Syllabi up-to-date in Coursedog; reviewed: All.

C. Program Competencies

Reviewed Jan 7, 2026 by instructor, advisory board, and academic team.

Competencies up-to-date in Coursedog.

D1. Course Assessments

Wide range of assessments used (presentations, essays/reports, exams, finals, peer evaluations, class participation, portfolio, capstone, projects, videos, quizzes, lab demos, simulations).

D2. Course Assessments – Continued

Assessments matched to outcomes/competencies.

Assessments adjusted to reflect revised competencies and evolving tech; focus on real-world application.

Higher-level thinking: students adapt skills to diverse industry challenges using advanced critical thinking.

E. Certifications

NA.

F. Internships/Externships

NA.

H–N. Program Metrics and Satisfaction

Measure	Status
H. Enrollment (10-day count vs. cap)	100% (meets benchmark)
I. Retention	100% (meets benchmark)
J. Graduation	100% (meets benchmark)
K. In-field Job Placement	Yes (meets benchmark)
L. Student Satisfaction	Not assessed this cycle
M. Alumni Satisfaction	Not assessed this cycle
N. Employer Satisfaction	Not assessed this cycle

O. Professional Development

Instructors attended an AI conference.

Applied by implementing AI into coursework for student AI literacy.

P. Professional Organizations

Faculty belong to relevant organizations; students are made aware.

Q. Advisory Board Recommendations

Changes: Added AI to coursework, 3D reverse engineering, updated equipment.

Responsible: Devon Russell, Dan Sieler.

Implementation date: Jan 13, 2025.

R. Program Improvement Plans

Plan: keep up to date with current and future technology.

Anticipated costs: TBD.

Contact

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