

Course Assessment– Part B: Your Results & Analysis

#310

Your Email *

Please select your course and name from the drop-down menu. If your course or name are incorrect or missing, please contact Instructional Services.

UAS 101 – Introduction to Unmanned Aircraft Systems – 1092544 – Mike Davis – Spring 2018

Part B: Your Results

100% of the students achieved all three outcomes at a "B" level or above.

Directions

1. Report the outcome achievement data gathered via the assignments, tests, etc. you identified for each outcome (question 3) of your Part A. (Only include data for students who completed the course. Do not include students who withdrew or earned an incomplete) Data for all 3 outcomes should be reported below. *

Outcome #1 *

Identify the function of UAS system components

% of students who successfully achieved the outcome (C or above) *

100%

Outcome #2 *

Recognize the capabilities and limitations of various types and classes of UAS Platforms.

% of students who successfully achieved the outcome (C or above) *

100%

Outcome #3 *

Understand the civil applications of UAS

% of students who successfully achieved the outcome (C or above) *

100%

ANALYSIS

3. What contributed to student success and/or lack of success? *

Our LAB included hands-on, practical use of a Drone. This included flight Training and understanding the function of each component within a UAV. This allowed each student to reflect on their understanding of a practical, field application, and take direct responsibility for their action and knowledge.

4. Helping students to realistically self-assess and reflect on their understanding and progress encourages students to take responsibility for their own learning. Please compare your students' perception of their end-of-term understanding/mastery of the three outcomes (found in student evaluations) to your assessment (above) of student achievement of the three outcomes. *

Their goals were achieved and their level of success was reflected on their Assessment.

5. Did student achievement of outcomes meet your expectations for successfully teaching to each outcome (question 4 from Part A) *

Yes

6. Based on your analysis in the questions above, what course adjustments are warranted (curricular, pedagogical, student instruction, etc.)? *

The Lab will be expanded to include further field experiences.

7. What resources would be required to implement your recommended course adjustments (materials, training, equipment, etc.)? What Budget implications result?

Minor

8. Reflect on any adjustments you made from the last assessment of this course (if applicable) and their effectiveness in student achievement of outcomes. *

none

9. Describe how you have shared information about course outcomes with your students.

We discussed this as a group

10. Please describe any changes/additions to instruction, curriculum or assessment that you made to support students in better achieving the CGCC Core Learning Outcomes:

The Extended Lab sessions focused on providing solutions to an integration problem and how they would present this to a prospective employer.

CLO #1: Communication. The areas that faculty are focusing on are: "Source and Evidence" and "Organization and Presentation"

and

CLO #2: Critical Thinking/Problem Solving. The areas that faculty are focusing on are: "Student's Position" (Critical Thinking) and "Evaluate Potential Solutions" (Problem Solving).

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