

# Course Assessment – Part A: Your Plan

#296

Your Email \*

Please select your course & name from the drop-down menu. Contact Instructional Services if your course or name are incorrect or missing

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

Part A: Your Plan  
[Directions](#)

Identify the function of UAS system Components

1. Choose three of your course outcomes to assess and report on this term (these will also be used in your Student Course Evaluation survey):

Outcome #1 \*

Outcome #2 \*

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

Outcome #3 \*

Understand the civil applications of UAS

Have you completed an assessment for this course prior to this term?

No

If yes, are you assessing different outcomes?

No

Comments:

2. To which degree(s) or certificate(s) does your course map?  
[Degree, Certificate, & Program Outcomes](#)

- ELECTRO-MECHANICAL TECHNOLOGY
- Associate of Applied Science – Electro-Mechanical Technology

Method of Assessment

3. What methods will be used to assess individual student understanding of each of these outcomes? (Please be specific.)

Lab classes using the myRIO device. Each chapter concentrates on a specific component or device using a mixture of text and video to guide the student through the learning process necessary to successfully identify the function of each component. Student understanding of the outcomes will be measured by lab books which are reviewed three times over the course to ensure the students understanding.

Outcome #1: Method to assess student understanding \*

Outcome #2: Method to assess student understanding \*

The lecture book is organized into seventeen chapters of which six focus on UAS capabilities and limitations. Each lecture class reviews the chapter questions and offers the student dialog and questions. These questions assess the students understanding. Student understanding of the outcomes will be measured by discussions with each chapter questions, Mid-term and Final exams.

Outcome #3: Method to assess student understanding \*

The lecture book devotes a number of chapters to UAS applications. Chapter quizzes assess the students understanding. In addition, the Lab class requires the students to outline the Features, Functions, and Benefits of each UAS system to reinforce the students understanding of the practical benefits.

Student understanding of the outcomes will be measured by combination of the review and grading of the student's Lab book and the Mid-term and Final exam.

4. How will you know if you were successful in your efforts to teach this outcome? 80% of students will achieve a B or better on lab grades.

Outcome #1: \*

Outcome #2: How will you know if you were successful in your efforts to teach this outcome? \* Mid-Term and Final exam: benchmark 70% achieve a B and for 80% of the students should meet or exceed the benchmark

Outcome #3: How will you know if you were successful in your efforts to teach this outcome? \* Mid-Term and Final exam: benchmark 70% achieve a B and for 80% of the students should meet or exceed the benchmark. 80% of students will achieve a B or better on the lab grade.

5. Instructor Questions: Create two course specific questions to be included on the Student Course Evaluation. Question #1 Was your expectations of this course achieve? Please explain.

Question #2 If you have any recommendations, please describe.

Do you require the names of students who complete the course evaluation survey? (Please note: names will be sent to instructors the Thursday before term ends) NO

Reminder, when completing Part B, instructors will be asked the following questions:  
 1. Describe anything you did to support the institutional effort to support students in improving "Sources and Evidence" and/or "Organization and Presentation" for the CLO Communication  
 2. Describe anything you did to support the institutional effort to support students in improving "Student Position" and/or "Evaluate Potential Solutions" for the CLO Critical Thinking/Problem Solving

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