



MASTER COURSE OUTLINE

Prepared By: Patrick Ford

Date: Feb 2017

COURSE TITLE

Independent Project

GENERAL COURSE INFORMATION

Dept.: UMS

Course Num: 295

(Formerly:)

CIP Code: 15.0405

Intent Code: 21

Program Code: 640

Credits: 2-5

Total Contact Hrs Per Qtr.: 39-105

Lecture Hrs: 6

Lab Hrs:

Other Hrs: 33-99

Distribution Designation: General Elective (GE)

COURSE DESCRIPTION (as it will appear in the catalog)

UMS 295 is an independent study course for students to research, design and complete an unmanned systems related project. Projects must be approved and supervised by a faculty member. Prerequisite: Instructor permission.

PREREQUISITES

Instructor Permission

TEXTBOOK GUIDELINES

To be assigned based upon focus of student efforts

COURSE LEARNING OUTCOMES

Upon successful completion of the course, students should be able to demonstrate the following knowledge or skills.

1. Create an unmanned systems project proposal
2. Design, build (or write) and test (or support) a faculty approved unmanned systems project
3. Articulate on project data/findings and summarize project outcomes

INSTITUTIONAL OUTCOMES

IO3 **Human Relations/Workplace Skills:** Students will be able to demonstrate teamwork, ethics, appropriate safety awareness and/or workplace specific skills

COURSE CONTENT OUTLINE

Course content outline will be determined between the student and assigned faculty member, based upon the type and depth of project proposed by the student.

DEPARTMENTAL GUIDELINES (optional)

The syllabus must contain evaluation/grading guidelines, class environment/expectations/rules, course learning outcomes, and a disability services statement. A schedule must be provided to students that contains content covered (text chapters, topics, etc.), tentative test dates (to include final date/time).

DIVISION CHAIR APPROVAL

DATE