

## School of Computing and Information Sciences

**Course Title:** Vertically Integrated Projects - A

**Date:** February 5, 2016

**Course Number:** IDS-2916

**Number of Credits:** 1

**Catalog Description:**

Students work in large projects with students from different majors working in real-world projects with university and external mentors (may be taken twice). (Sophomore status)

**Objective(s) of Course:**

Understand teamwork in real-world scenarios, develop complete solutions working in interdisciplinary groups, improve presentation and writing skills, and learn from other domains.

**Course Outcomes:**

1. *Prepare a research paper in the format appropriate to a particular field/domain.*
2. *Present a visual summary of a research project using some conventional display medium (e.g., presentation slides, poster, demo, etc.)*
3. *Give an oral presentation of the findings of some scholarly work.*

### Oral and Written Communication

Written Reports		Oral Presentations	
# Required	Approx. # pages	# Required	Approx. Time for each
<i>1</i>	<i>10</i>	<i>2</i>	<i>5</i>

### Social and Ethical Implications Topics

Topic	Class time	Student Performance Measures
<i>Citations, Plagiarism, and Social Impact</i>	<i>Throughout the semester</i>	<i>Student Presentations and Research Papers</i>

### Problem Analysis & Solution Design Experiences

*Identify one problem in the student's field that would benefit from research*