

CPIS-499 Syllabus

Catalog Description

CPIS-499 Senior Project (II)

Credit: 3 (Theory: 2, Lab: 0, Practical: 2)

Prerequisite: CPIS-498

Classification: Department Required

This course is the second part of a sequence of two courses that constitute the graduation capstone project. In this project, the student will continue the System/Research development of the project that started in CPIS-498. The student will deliver oral presentations, progress reports, and a final report.

Class Schedule

Meet 50 minutes 3 times/week or 80 minutes 2 times/week

Textbook

Christian W. Dawson, , "Projects in Computing and Information Systems", Addison-Wesley Professional; 2 edition (2009)

ISBN-13 9780273721314 **ISBN-10** 0273721313

Grade Distribution

Week	Assessment	Grade %
3	Presentation 1 (Design /Interface)	6
4	On-time Submission of Report One	6
9	Presentation 2 (Implementation & Testing	6
12	On-time Submission of Final Report	6
13	Final Report Evaluation (Format & Style)	6

Topics Coverage Durations

Topics	Weeks
Software development (SDLC)	2
Controlling the project	1
Presenting your project in written form	2
Final consideration	6
Presentation skills	3

Last Articulated

Relationship to Student Outcomes

a	b	c	d	e	f	g	h	i	j
x	x	x	x	x	x	x	x	x	x

Course Learning Outcomes (CLO)

By completion of the course the students should be able to

1. Discuss the importance of the graduation project (II) and students commitments
2. Describe implementation activities (order of implementation)
3. Describe how to choose an appropriate approach to software development
4. Describe various types of software testing (unit , integration, usability and acceptance testing)
5. Describe different types of documentation.
6. Discuss guidelines for writing final graduation project report (General format, font size, layout, etc)
7. Describe the process for effective presentation
8. Identify some of the features of effective spoken communication
9. Discuss presentation structuring
10. Practice the opening 3 minutes
11. Discuss some strategies for controlling nerves
12. Clarify submission procedures

Coordinator(s)

Dr. Alaa Khadidos, Associate Professor