



Information Systems Department

## Course Syllabus

### IS497 - Senior IS project 1

**Catalog Description:** This course is the first part of a sequence of two courses that constitutes the BSc graduation project. In this part, the students are expected to propose, analyze, and design an information system under direct supervision of a faculty member which will be implemented and tested in the second part (IS498). The course requires students to synthesize and apply materials learnt in previous courses. *This course will equip undergraduate Information Systems students with the basic skills to conduct and manage a project in the field of Information Systems, writing technical reports and the skills for presenting the work to audiences. This course will particularly focus on topics which are related to the field of information systems. The course will also provide guidance to the students in selecting business-focused projects, understanding the research process as well as the tools needed to support implementing the system, writing its documentation, presentation skills and ethical issues such as avoiding plagiarism.*

**Credit Hours:** 2 Credit hours: 2 Lectures per week 0 Labs. per week 0 Recitation per week

**Prerequisites:** IS309, IS371

**Course Learning Outcomes:**

1. Recognize the problem that can be solved by Information Systems.
2. Comprehend the process that supports the information system delivery.
3. Interpret the system requirements based on analysis
4. Apply current techniques, skills and tools to model the system.
5. Write reports using professional tools.
6. Prepare visual presentation using professional tools.
7. Function effectively on teams to accomplish a common goal.
8. Communicate effectively with a range of audiences

**Major Topics:**

- Writing Skills - Professional report writing
- Graduation Project I – Chapter 1 – Introduction discussion
- Graduation Project I – Chapter 2 – Background discussion
- Graduation Project I – Chapter 3 – Requirements Analysis discussion
- Presentation Skills discussion
- Project Discussions



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**Text Books:** Lebrun, Jean. Scientific Writing: A Reader And Writer's Guide. Singapore: World Scientific, 2007, ISBN: 978-9812701442.

**Grading:** ☉ The grading scale for this course is:

- 95 - 100 A+ Passing
- 90 - 94 A Passing
- 85 - 89 B+ Passing
- 80 - 84 B Passing
- 75 - 79 C+ Passing
- 70 - 74 C Passing
- 65 - 69 D+ Passing
- 60 - 64 D Passing
- 0 - 59 F Failing

☉ Final grades will be determined based on the following components:

- . 60% Semester Work
- . 40% Final Exam

☉ Students may not do any additional work for extra credit nor resubmit any graded activity to raise a final grade.

☉ Late submissions will not be accepted for any graded activity for any reason.

☉ Students have one week to request the re-grading of any semester work.

**Attendance Policy:** Students should attend 80% of the overall course hours taught in the semester as per the University regulations.

If a student fails to achieve this portion, he/she shall not be allowed to appear in the final exam and shall be awarded "DN" grade and repeat the course.

**Cheating and Plagiarism Policy:** The instructor will use several manual and automated means to detect cheating and/or plagiarism in any work submitted by students for this course.

When a student is suspected of cheating or plagiarism, the instructor raises the issue to the disciplinary committee.



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**Communications:** Registered students will be given access to a section of the Learning Management System (LMS) for this course. LMS will be used as the primary mechanism to disseminate course information, including announcements, lecture slides, assignments, and grades.

Communication with the instructor on issues relating to the individual student should be conducted using CIS email, via telephone, or in person.