

Course Syllabus

1. **Name of Curriculum,** Bachelor of Science Program in Computer Science
2. **Course Code** ICCS 428: Object Oriented Concept
3. **Number of Credits** 4 (3-2)
4. **Prerequisite**
5. **Type of Course** Major elective course for computer science students
6. **Trimester/ Academic Year**

7. Course Description

Discusses the why, what, and when business start the Internet Enterprise, include the tools used to create and channel information, along with techniques of doing this. Also discussed are ways to design and organized in Internet Enterprise's content; how to develop an Internet presence, selecting vendors, securing a domain name and its trademark, and selecting an ISP. The students will be expected to develop a complete web-site

8. Course Objectives

Design and develop an internet application with a real ISP. UML will be used for system analysis design methodology. Student will have a chance to create a real life internet application with object oriented design. Templates, UML design tool will be used as a class tool.

9. Course Outline

week	Topic		Instructor
	Lecture/Seminar	Hour	
1	Introduction	4	
2	Project Management	4	
3	Requirements Gathering	4	
4	Structural Modeling	4	
5	Behavioral Modeling	4	
6	Moving on to Design	4	
7	System Architecture Design	4	
8	User Interface Structure Design	4	
9	User Interface Design Components	4	
10	Object Persistence Design	4	
11	Class and Method Design	4	

10. Teaching Methods Lecture, labs and demonstration

11. Teaching Media Power Point Slide, CASE Tools

12. Course Achievement

90% or more	A
85% - 89%	B+
80% - 84%	B
75% - 79%	C+
70% - 74%	C
65% - 69%	D+
60% - 64%	D
Below 60%	F

13. Course Evaluation

Final Exam	25 %
Midtern Exam	25 %
Project and Assignment	35 %
Quiz and Attendance	15 %
Total	100%

14. References

- System Analysis and Design, An Object Oriented Approach with UML
Alan Dennis, Barbara Haley Wixom, David Tegarden

15. Instructors

16. Course Coordinator N/A