



COURSE OUTLINE

Course Code: CSE 308 Credit: 0.75

Course Title: Software Engineering Sessional

Level-Term: 3-1 (July 2022) Section: All

Course Teachers:

Name:	Initial	E-mail and Telephone:
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Course Outline:

Sessional based on CSE 307; Sample topics include following: Design pattern implementation, Software Prototyping, Software Testing, Software Documentation, etc.

Learning Outcomes/Objectives:

After undergoing this course, students should be able to:

- Be acquainted with standard software practices.
- Implement various design patterns used in software/system design.
- Get familiar with software testing protocols.

Assessment:

Attendance:	05%
Offline:	30~40%
Online:	30~40%
Quiz:	15~20%



Learning Resources:

- Head First Design Patterns by Eric Freeman, Elisabeth Robson, Bert Bates, Kathy Sierra
- Design Patterns: Elements of Reusable Object-Oriented Software by Erich Gamma, Richard Helm, Ralph Johnson, and John Vlissides

Tentative Schedule:

Week	Topics
Week 1-2	Demo Class on Git & Offline 1 Declaration
Week 3-4	Offline 1 Evaluation & Online 1 (on Offline 1)
Week 5	Offline 2 Declaration
	MID
Week 6-7	Offline 2 Evaluation & Online 2 (on Offline 2)
Week 8	Demo Class on Docker & Software Testing
Week 9-10	Online 3 (on Software testing) & Offline 3 Declaration
Week 11-12	Offline 3 Evaluation & Online 4 (on Offline 3)
Week 13	Quiz

Note that, the schedule is tentative and can be changed during the course timeline.

Prepared by:	
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Signature:	