

# Object Oriented Software Development(CS2062)

Introduction

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- Read the Moodle page 😊

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- Module Code: CS 2062  
Module Title: Object Oriented Software Development  
Credits: 3.0  
Lectures: 2 hours/week  
Lab/Assignments: 3 hours/week  
Pre-requisites: CS 2012 Principles of Object Oriented Programming  
GPA/NGPA: GPA

Subject Coordinator/lecturer/ examiner: Dr Surangika Ranathunga  
Moderator: Dr Indika Perera  
Tutors: MS Thillainathan Sarubi, Mr Piyumal Demotte, Mr Vinura Dhananjaya

Lecture Time: Monday, 08:15 AM to 10:15 AM  
Lecture Room: zoom  
Lab Sessions: Tuesday, 08:15 AM to 11:15 AM (zoom)

# Assessment

- MPA -60%
- Project – 40%

# Introduction

- This is the second stage of OOP
- You will learn how to become a member of a team of engineers working on a bigger software project
- You will learn the full process of converting the client requirements to a full functioning software running at the client site
- Lot of emphasis on the software modeling aspect

# Material

- **Module Textbook:** Object-Oriented Analysis & Design - with the Unified Process, John W Satzinger, Robert B Jackson, and Stephen D. Burd, Thomson, 2005

# Project

- Group project – 4 members per group
- Carried over 14 weeks (including 2 reading weeks)
- Develop a business software
- Should be a web-based application
- Deliverable every week, which will be evaluated
- One final evaluation

# Team Formation

- Everyone should involve in every aspect of the project
  - Requirement analysis
  - Design
  - Implementation
  - testing