

# U08784 SOFTWARE PROJECT MANAGEMENT

## Overview

Peter Lo

## Who am I?

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## Course Outline

- Software development strategies: their application and management
- Project Definition: product and work breakdown, technical strategies, stage planning, project organization
- Techniques: estimating effort, times, costs, risk assessment, task scheduling, change control
- Quality Assurance Principles: quality criteria, assessment, and measurement
- Metrics. Result metrics and predictor metrics, cost models
- Evaluating software process maturity, quality management systems, project management systems

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## Assessment

- **Assessment**
    - Coursework: 100%
      - Two group coursework 60%
      - One individual coursework 40%
  - **Study Approach**
    - Lecture 25 hours
    - Self study (including Assignment) 125 hours
- Total: 150 hours

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## Do and Don't

- Do **turn your mobile in silent mode**, that will not distract your fellow classmates.
- Do **turn up on time** to avoid unnecessary distraction.
- Do exchange ideas and discussions on assignments but **NOT copying**. You are here to LEARN not copy. You will be severely dealt with if caught cheating under the university disciplinary action.
- **Do enjoy and learn from the course.**

## Recommended Readings

- Bob Hughes & Mike Cotterell, Software Project Management, Fourth Edition, McGraw-Hill Education
  - <http://highered.mcgraw-hill.com/sites/0077109899>
- A Guide to the Project Management Body of Knowledge (PMBOK Guide), Fourth Edition, Project Management Institute
  - <http://www.pmi.org/PMBOK-Guide-and-Standards.aspx>
- James Cadle & Donald Yeates, Project Management for Information Systems, Fifth Edition, Prentice Hall