

UECS3383

Software Quality Assurance

# Course Work Component

- Coursework (60%)
  - Assignment and Presentation (35%)
  - Case Study and Presentation (10%)
  - Mid Term (15%)
- Final Exam (40%)

# Assignment Grouping

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  - **FIVE(5)** students in a team (depending on number of students enrolled)
  - All team members received **SAME assignment grading**
  - **Individual grading** for assignment **Presentation**
  - Hence, final assignment course work mark may vary among team members
  - Please **leave-out student name who does not contribute** from the front cover of assignment report; prior acknowledgement to Dr Winnie is a **MUST**
  - **No presentation marks** for whom **NOT PRESENTING**
- Guest Speaker
  - For better understanding of software quality activities in the software industry
  - To understand how company benefited from the Software Quality Assurance activities / procedures / efforts.

# Learning Outcomes

- After completing this unit, students will be able to:
  - Describe the importance and activities of software quality assurance
  - Formulate appropriate software quality assurance approaches for specific software projects
  - Determine effects of various software quality improvement approaches
  - Determine appropriate tools for measuring software quality improvement
  - Apply appropriate tools for measuring or improving the software engineering process