



# ITEC 303

## Software Engineering



# Course Outline

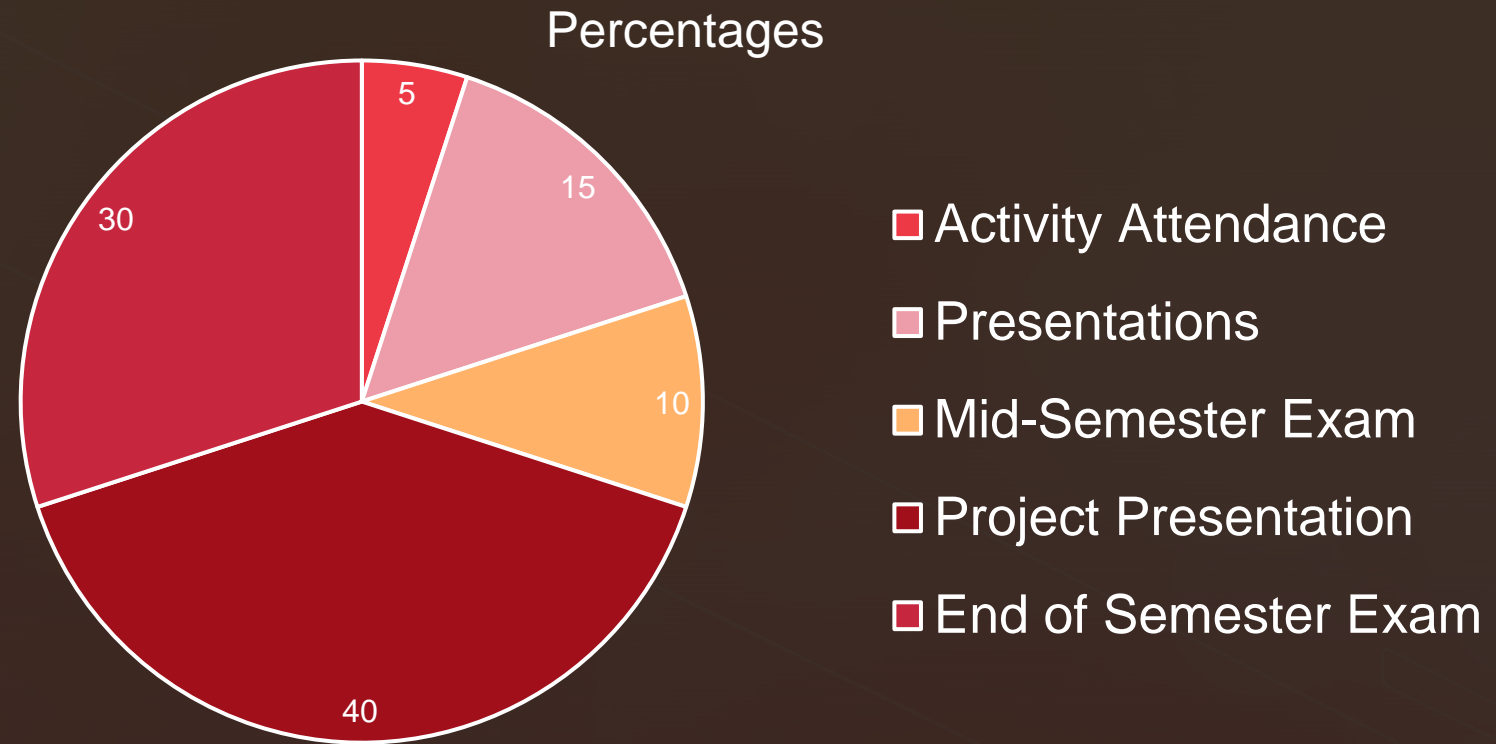
1	• Software and Software Engineering
2	• Software Process Models
3	• Agile Development
4	• Principles that Guide Practice
5	• Software Requirements
6	• Software Design
7	• Software Project Management
8	• Software Quality Management
9	• UML



# Course Delivery

- This course will involve teaching and practical sessions
- All course materials will be uploaded on v-campus
- All assignments should be submitted through v-campus

# Grading



# Practical

- Fundamental knowledge in computer programming is required
- There will be weekly practical sessions focussed on application of software engineering principles
- You are expected to fully participate in the practical sessions. Attendance is mandatory
- Group projects will be assigned at the beginning of the semester
- Project presentation will take place before final exams

## Recommended Books

1. Roger S. Pressman, "Software Engineering, A Practitioner's Approach (SEPA)", 7th Edition, McGraw-Hill Higher Education, ISBN: 0-07-337597-7, 2010
2. B. B. Agarwal, S. P. Tayal and Mahesh Gupta, "Software Engineering and Testing", Jones & Bartlett Learning, ISBN: 1934015555, 9781934015551, 2010
3. Ian Sommerville, "Software engineering", Addison-Wesley, ISBN: 020139815X, 9780201398151, 2001



Any Questions?

# The End

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