

# Software Re-Engineering

COSC 6431

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CSEB 3024

# Lecture schedule

- Jan 4: Administrivia
- Jan 6 & 11: Introduction
- Jan 13 & 18: Static and dynamic analysis
- Jan 20 & 25: Software clustering
- Jan 27 & Feb 1: Evaluation of clustering techniques
- Feb 3: Guest lecture by Mark Shtern
- Feb 8 & 10: Introduction to Design Patterns
- **Reading Week**
- Feb 22, 24 & Mar 1: Design Pattern Detection
- Mar 3 & 8: Refactoring
- Mar 10 & 15: Program Transformation
- Mar 17: Re-Engineering Patterns
- Mar 22 & 24: **Research paper presentations**
- Mar 29 & 31: **Research paper presentations**

- 10% - Participation (paper discussion)
- 20% - Assignment
- 30% - Research paper presentation
- 40% - Project report

- January: 2 papers a week
- February: Assignment + 2 papers a week
- March: 1 paper to present + project