

Final Exam Overview

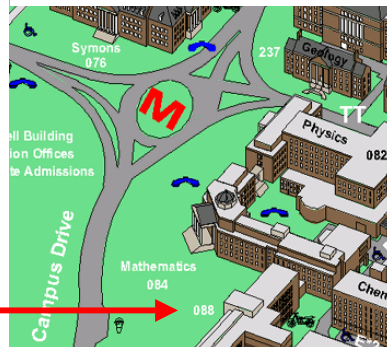


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Final Exam

- **Time & place**
 - Dec 16th, 4-6pm
 - EGR 1202 (Martin Hall)
- **Content**
 - Entire course
 - Emphasis on newer material



Overview of Topics

1. Software engineering & OO design
2. Algorithm complexity
3. Data structures & recursion
4. Graph algorithms
5. Compression & Huffman codes
6. Advanced tree structures
7. Java language features
8. Multithreading & synchronization
9. Design patterns
10. Sorting and algorithm strategies

Question Formats

- True/ false questions
- Short 1-2 sentence answers
- Design OOP classes, read UML diagrams
- Analyze algorithmic complexity of code
- Apply & describe algorithms
- Write code

Wrap Up

■ Finally

Good luck on Exam

■ And

Have a nice Xmas!