Exam will be closed book, closed notes.

Materials on the exam will cover everything in lecture and assignments (lecture notes are online).

**Topics covered on the midterm:**
- Software process models (e.g., waterfall, linear sequential, incremental, agile, etc.)
- Phases of software lifecycle
- UML – use case diagrams, class diagrams, sequence diagrams
- Differences between boundary, control, and entity classes
- Refactoring (definitions and the basic idea)
- Extreme programming (definitions and the basic idea)
- Estimation (basic ideas)
- Coupling, cohesion, software metrics

On the exam you will need to construct a class diagram and a sequence diagram. You will also need to read and interpret use case diagrams and class diagrams.