

**CS377: Introduction to Software Engineering
Fall 2007**

Homework #1

**Due Date: Tuesday, September 18, 2007
before 12:30pm – no exceptions**

Select and define ten of the following terms:

- Software-intensive system
- Embedded system
- Software reliability
- Software process
- Software component
- Fault-tolerance
- Software service
- Distributed system
- Software model
- Software design
- Application domain
- Middleware
- Application family
- Software requirements
- Software testing
- Software evolution
- Software maintenance
- Static analysis
- Aspect
- Non-repudiation

Each definition may be as short as a single sentence, but no longer than a paragraph. You may consult external sources (e.g., the Web, your textbook). Make sure to acknowledge your source(s). Try to refrain from copying existing definitions wholesale; I would like you to convey your own understanding of these concepts. Justify your definitions whenever needed.