This written, closed-book, 70-minute test will take place on **Thursday, November 19, 2015** in SEM-344 from 2:30 pm (regular classroom and time). The test weights 17% in the course grade.

**A Chapters Required** from the textbook Ben Shneiderman & Catherine Plaisant, Designing the User Interface, 5th Edition, 2010:

- Chapter 7 COMMAND AND NATURAL LANGUAGES
- Chapter 8 INTERACTION DEVICES
- Chapter 9 COLLABORATION AND SOCIAL MEDIA PARTICIPATION
- Chapter 11 BALANCING FUNCTION AND FASHION
- Chapter 12 USER DOCUMENTATION AND ONLINE HELP
- Chapter 13 INFORMATION SEARCH

**B Sections and Subsections Not Required**

From the above chapters, the following sections are **not** required for the test:

- Section 7.2 Command-organization functionality, strategies, and structure
- Subsection 8.3.4 Comparison of pointing devices
- Section 8.4 Speech and auditory Interfaces
- Subsection 8.5.1 Display technology
- Section 9.5 Face-to-face interfaces: same place, same time
- Subsection 11.4.2 Empirical results
- Subsection 11.6.3 Personal role management
- Section 12.4 Shaping the contents of documentation
- Section 12.5 Accessing the documentation
- Section 12.8 The development process