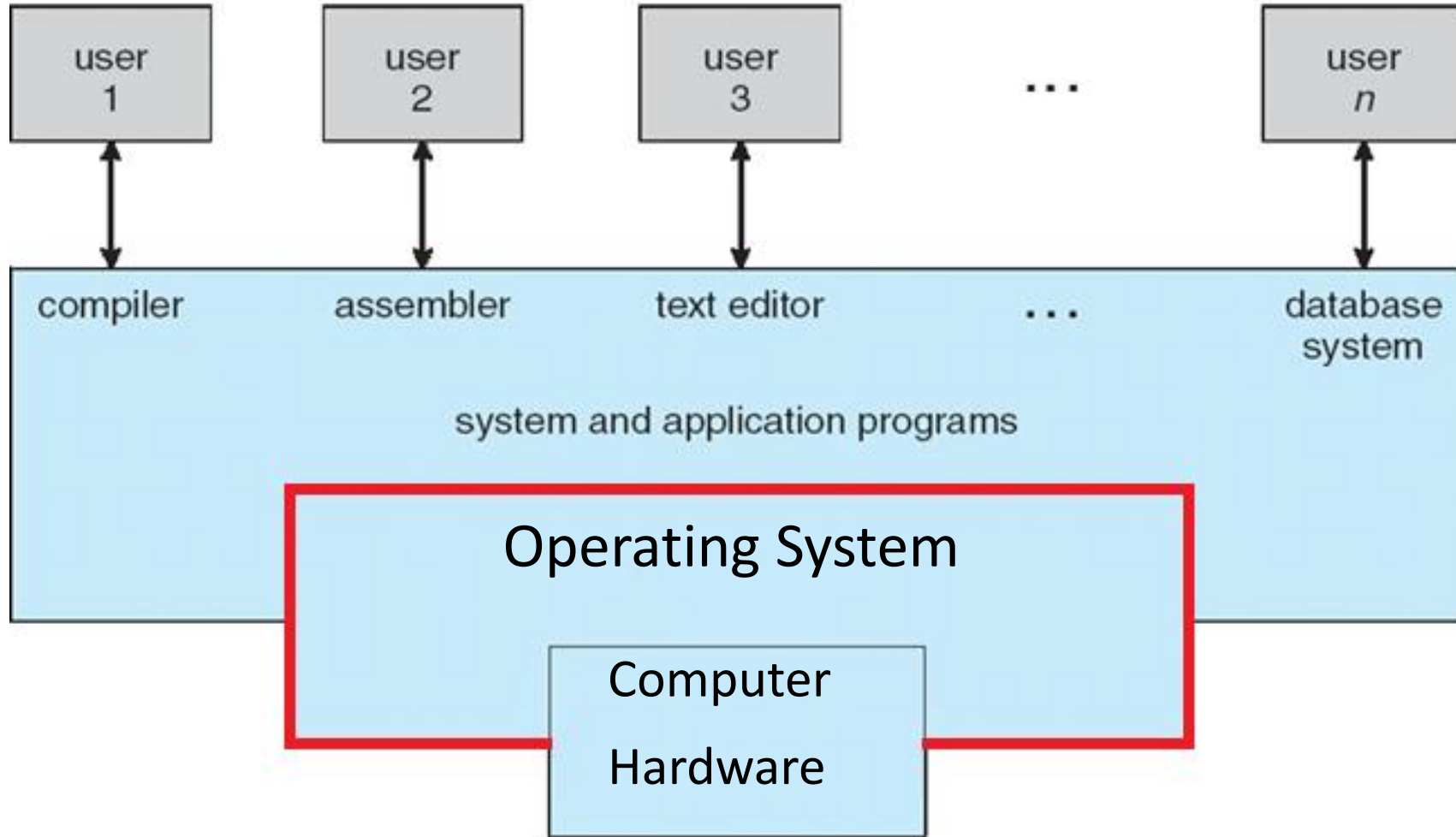


Operating System

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System Overview



Course Outline

Ch1 Introduction

Ch2 System structure

Ch3 Process concept

Ch4 Multithreaded Programming

Ch5 Process scheduling

Ch6 Process synchronization

Ch7 Deadlock

Ch8 Memory management strategies

Ch9 Virtual memory management

Ch10 File systems

Ch11 Implementing file systems

Ch12 Mass storage systems

Ch13 I/O systems

 **midterm**

 **Final exam**

- **Grading**

- Examinations: 60% (mid + final).
- Programming Homework : 25%
- quiz: 15%

- **Textbook**

- Operating System Concepts, by Abraham Silberschatz, Peter B. Galvin, Greg Gagne. WILEY, Ninth Edition.

- **Syllabus download**

- [http:// e3.nctu.edu.tw](http://e3.nctu.edu.tw)

- TA

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