Syllabus
SE 450 Object-Oriented Software Development
Object-Oriented Programming using Java

Winter 2000 (2000/01/03 – 2000/03/18)
Tuesday 5:45 – 9:00 pm, Loop campus (96-450-204)
Wednesday 5:45 – 9:00 pm, Loop campus (96-450-201)
Video/On-Line section (96-450-202)

Instructor: Dr. Xiaoping Jia
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Course URL: http://se.cs.depaul.edu/se450/se450.html

Requirements:

- CSC 416 Foundations of Computer Science II
- Knowledge of object-oriented programming and C++
- Knowledge of HTML and web browsers

Topics:

- Applets, WWW, HTML
- Classes and interfaces
- Data types and control flows
- AWT, Swing, and animation
- Input and output, collections
- Multi-threaded programming
- Networking
- Object-oriented design
- Introduction to design patterns and frameworks

Textbooks:

5. Design Patterns - Elements of Reusable Object-Oriented Software, Erich Gamma, Richard Helm, Ralph Johnson, John Vlissides, Addison-Wesley 1995. (Reference)

Grading:

- Homeworks — 30%
- Mid-term exam — 20%
96-450-204: 2000/02/01 Tuesday
96-450-201: 2000/02/02 Wednesday
96-450-202: 2000/02/02 Wednesday (video section: students are required to be present in classroom at Loop)
• Final exam — 25%
  96-450-204: 2000/03/14 Tuesday
  96-450-201: 2000/03/15 Wednesday
  96-450-202: 2000/03/15 Wednesday (video section: students are required to be present in classroom at Loop)

• Course project — 25%
  Due: 2000/03/15 Wednesday

Grading Scale:

• A : total ≥ 93
• A-: 93 > total ≥ 90
• B+: 90 > total ≥ 87
• B : 87 > total ≥ 83
• B-: 83 > total ≥ 80
• C+: 80 > total ≥ 77
• C : 77 > total ≥ 73
• C-: 73 > total ≥ 70
• D+: 70 > total ≥ 67
• D : 67 > total ≥ 63
• D-: 63 > total ≥ 60
• F : 60 > total