

ITP 109

Introduction to Java Programming (2 Units)

Class Webpage

<http://totale.usc.edu>

Course Objectives

After completing the course, the students will learn:

- 1) The basics of Java programming
- 2) The foundations of Object Oriented Programming
- 3) The process of building a project in a modular fashion

Class Times

Thursday, 5:00 – 6:20 PM in KAP 267

Lab: Thursday, 6:30 – 8:00 in KAP 267

Instructor

Name: Joseph Greenfield

Email: joseph.greenfield@usc.edu

Office Hours: 10:00 – 11:30 Tuesday & Thursday, OHE 530 C

Lab Assistant

Name: Alan Hong

Email: alanhong@usc.edu

Texts/Resources

Required Text: Java How to Program (6th edition). Deitel & Deitel, Prentice Hall

ISBN: 0131483986

Grading

Midterm: 20%

Projects: 45%

Final Exam (Project): 30%

Class Participation: 5%

Policies (Please Read!!!):

- Make-up policy for exams: In order to make up for a missed exam, the student must provide a satisfactory reason along with proper documentation. Usually make-ups are allowed only under extraordinary circumstances.

- Projects: It is YOUR responsibility to turn in your lab projects on, or before, the deadlines as set by the instructor. IT IS NOT THE RESPONSIBILITY OF THE LAB TA!

- Late Projects: Late submission of projects will result in loss of points, so please turn in your projects on time! No projects will be accepted after 1 weeks beyond the project's original due date. Everything regarding a project should be settled within 1 weeks of the project's due date. It

is always better to let us know if you're going submit a project late. If you let us know ahead of time only 2 percent point loss per day. Otherwise it will be 5 percent per day!

- Though working together is encouraged, the projects must be your own effort. "Duplicate" projects will all receive zero points and possible referral to the Office for Student Conduct.

- All students should read, understand and abide by the University Student Conduct Code

<http://www.usc.edu/dept/publications/SCAMPUS/governance/gov03.html>

Course Calendar:

| Week | Lecture | Reading Assignment |
|-------------|---------------------------------|---------------------------|
| 1 | Introduction | |
| 2 | Computers, Internet, & the Web | Chapter 1 |
| 3 | Java Applications | Chapter 2 |
| 4 | Control Statements I | Chapter 4 |
| 5 | Control Statements II | |
| | Introduction to Object Oriented | |
| 6 | Programming – Classes & Objects | |
| 7 | Methods | Chapter 6 |
| 8 | Arrays, Midterm Review | Chapter 7 |
| 9 | Midterm | |
| 10 | Polymorphism | Chapter 9 |
| 11 | GUI Components | Chapter 11 |
| 12 | Advanced GUIs & Swing | |
| 13 | Exception Handling | Chapter 13 |
| 15 | File I/O | |
| 16 | Wrap up and Review | |

Note: Lecture schedule subject to change during the semester