



CS102A: Introduction to Computer Programming

Instructor: Fengwei Zhang



Course Content Review

1. Introduction to Computers and Java
2. Introduction to Java Applications
3. Data Types (focus on primitive data types)
4. Control Statements (including structured programming)
5. Array
6. Procedural programming (static methods, APIs)
7. Introduction to OO (Classes, Objects, Methods)



Course Content Review

8. Strings and Wrapper Classes
9. Classes, Objects and Methods: A Deeper Look
10. Object-Oriented Programming: Inheritance
11. Object-Oriented Programming: Polymorphism
12. Generic Classes and Methods
13. Exception Handling: A Deeper Look



2. Syllabus

Topics :

- 1) Introduction to Computers and Java
- 2) Introduction to Java Applications
- 3) Data Types (focus on primitive data types)
- 4) Control Statements (including structured programming)
- 5) Array
- 6) Procedural programming (static methods, APIs)
- 7) Introduction to OO (Classes, Objects, Methods)
- 8) Strings and Wrapper Classes
- 9) Classes, Objects and Methods: A Deeper Look
- 10) Object-Oriented Programming: Inheritance
- 11) Object-Oriented Programming: Polymorphism
- ~~12) GUI Programming (brief overview)~~
- 13) Generic Classes and Methods
- ~~14) Generic Collections (ArrayList)~~
- 15) Exception Handling: A Deeper Look



Course Content and Grading

The grades for the course will be based upon the tables given below

Topics	Grade
Lecture Attendance	5%
Lab Attendance and Exercise	5%
5 Assignments	30%
Project	20%
Final Exam	40%
Total	100%



Grading Scale

The grades for the course will be based upon the percentages given below

A+	97 - 100%	C+	77 - 79%
A	93 - 96%	C	73 - 76%
A-	90 - 92%	C-	70 - 72%
B+	87 - 89%	D+	67 - 69%
B	83 - 86%	D	63 - 66%
B-	80 - 82%	D-	60 - 62%
F	0 - 59%		



Invited lunch/dinner if your final
score is 96% or more



Academic Integrity

- Students need to sign the Assignment Declaration Form in your first lecture.
- Our department can refuse students to choose the CSE Major if they do not sign the declaration form.



More Information on Course Website

<http://cse.sustech.edu.cn/faculty/~zhangfw/21sp-cs102a/index.html>

Email: `zhangfw@sustech.edu.cn`



谢谢大家！

校园里碰到，不要装着不认识