Northeastern Illinois University

CS 207: Programming 2       Spring 2015

Instructor: Rachel Adler
Email: R-Adler@neiu.edu
Course Website: http://homepages.neiu.edu/~radler/cs207
Office Hours: 12:15 – 1:30(T/Th) and 2:30-4pm(W) or by appointment.
Office: LWH 3047

Course Description:
This course is the continuation of CS-200, Programming I. This course provides an in-depth study of the principles of object oriented programming, including Classes, Objects, Methods, Arrays, Inheritance, and Polymorphism. Within this framework, the course will cover Sorting and Searching Arrays, Two-Dimensional Arrays, Exception Handling, File Input/Output, and an introduction to Recursion. Emphasis is given to the design of algorithms and program development, involving both numeric computations and string manipulation techniques. A common comprehensive final exam will be given in CS-207.

Required Text:
Introduction to Java Programming, Comprehensive Version (10th Edition)

Grading:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Exams</td>
<td>50%</td>
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<tr>
<td>Final Exam</td>
<td>20%</td>
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<tr>
<td>Homework and Labs</td>
<td>25%</td>
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<tr>
<td>MyProgrammingLab</td>
<td>5%</td>
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- 90-100%: A
- 80-89%: B
- 70-79%: C
- 60-69%: D
- 0-59%: F

Final Exam Policy
There will be a common final exam for all sections of Programming II. The CS 207 common final is scheduled for Saturday April 25 at 11:00-1:00 p.m in Room LWH 1001. If you cannot make Saturday because of a religious reason (or other serious reason), you must notify your professor by email within the first two weeks of the semester in order to be accommodated.

NOTE: You MUST receive at least 60% on the Common Final Exam in order to receive a grade of "C" or higher for the course. If you do not, you will receive a "D" or an "F" for the course, depending on your Weighted Average.
Topics
- Review of Programming 1
- Multidimensional Arrays
- Objects and Classes
- Thinking in Objects
- Inheritance and Polymorphism
- Exceptional Handling and I/O
- Abstract Classes and Interfaces
- Binary I/O

Reading
- Chapter 1-7
- Chapter 8
- Chapter 9
- Chapter 10
- Chapter 11
- Chapter 12
- Chapter 13
- Chapter 17

Submitting Your Program Assignments:
- Create a folder with your name and in that folder include all files (program code, input and output files, **but NO .class files**).
- Compress the folder by right-clicking on it and choosing the Send to…Compressed (zipped) Folder.
- Submit this zipped folder (.zip file) through the "Assignments" section of Desire2Learn. No printouts will be collected.

Assignment Policy:
All assignments must be submitted **BEFORE** 9a.m. on their given due date or a grade of 0 will be assigned. **No late homework assignments will be accepted.**

Academic Integrity:
All assignments must be the student’s own work. If you copy homework, you and the student whose homework you copied will receive a zero. You may also be subject to further academic discipline according to the NEIU Student Code. If you are caught copying another student’s exam, or allowing someone to copy your exam, you will fail the exam and face further academic discipline.

Absence Policy:
Students are expected to attend all scheduled classes.

Accessibility Center:
In compliance with the Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973, Northeastern Illinois University does not discriminate against persons on the basis of disability. In addition, Northeastern provides reasonable accommodations for persons with disabilities. Students seeking reasonable accommodations in the classroom should contact Student Disability Services (D-104).

Web Link to Emergency Information: It is recognized that a safe university environment is a shared responsibility of faculty, staff, and students, all of whom are expected to familiarize themselves with and cooperate with emergency procedures. Web links to Campus Safety: Emergency Procedures and Safety Information can be found on NEIUport on the MyNEIU tab or as follows: For the Main campus:
http://www.neiu.edu/~neiutemp/Emergency_Procedures/MainCampus