

## **CSD 420 Advanced Java Programming Syllabus Part II 9-Week Course**

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### **Course Resources**

#### **Course Text:**

Introduction to Java, Programming and Data Structures; Liang; 12th Edition; Pearson

#### **Required Resources:**

<https://www.w3schools.com>

Java JDK

Java JRE

Personal Computer

#### **Supplemental (not required) Resources:**

NetBeans

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### **Course Schedule**

<b>Week</b>	<b>Topic(s)</b>	<b>Modules #</b>
1	Binary I/O	Module 1
2	Recursion	Module 2
2	Generics	Module 3
3	Collections – List	Module 4
4	Sets and Maps	Module 5
5	Sorting	Module 6
5	More JavaFX	Module 7
6	Multithreading	Module 8
7	JDBC Part I	Module 9
7	JDBC Part II	Module 10
8	JSON	Module 11
9	MVC - Review	Module 12

**Grade Breakdown/Criteria**

Grades will be calculated based upon the following assignments.

Assignments	Number of Assignments	Points per Assignment	Total Points
Programming Assignments	10	50	500
Written Assignment	1	50	50
Discussion Boards	12	25	300
<b>Course Total</b>			850

**Late Work**

Late work is not accepted unless arrangements are made with the instructor for special circumstances.

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**Participation**

Students are expected to login often and contribute to the class on a regular basis, including posting to the discussion board, submitting assignments, and participating in group activities as required. If you have specific participation requirements related to your educational funding or student status, you are expected to monitor your own participation to ensure you are in compliance with those requirements.

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**Expectations for Students**

- Students should expect to spend approximately 12-15 hours per week to complete the activities and assignments in this course.
  - Students will log in as often as needed to complete their assignments and progress through the course.
  - Students will treat their classmates and the instructor with respect and courtesy.
  - Students are responsible for keeping current with the reading assignments and coming to class prepared to discuss the work assigned.
  - Students are responsible for knowing what assignments are due and when.
  - Students will submit only their own work and will not commit plagiarism or other acts of academic dishonesty.
  - Students will contact the instructor as soon as personal problems arise that may affect the student's ability to complete assignments on time.
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**Expectations for Faculty**

- The instructor will treat all students with respect and courtesy.
  - The instructor will make grading criteria clear and follow the criteria scrupulously in evaluating student work.
  - The instructor will provide feedback about student work within 6 days of due dates (or 24 hours prior to the next due date)—feedback that helps the student learn and improve.
  - The instructor will respond to all student messages within 48 hours.
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