

CENTER FOR INNOVATIVE TECHNOLOGIES  
MASTER COURSE DOCUMENT

## IT 262 Java Programming 2

**Course Description:** A continuation of IT 161. Topics include Java Server Pages (JSP) and development of complex projects incorporating Object Oriented techniques and Database programming.

**Prerequisites(s):** IT 161

**Corequisite(s):** No corequisite

Lecture Hours: 2	Lab Hours: 3	Credit Hours: 3
Lab Fee: 35	Supplemental Fee: 0	Purpose:
<input type="checkbox"/> Transfer Assurance Guide Course (TAG)	<input type="checkbox"/> Transfer Module Course (TM)	
Course Format: Lec/Lab		Grading: A/B/C/D/F/I
Delivery Method: X Web	<input type="checkbox"/> Hybrid	X Classroom
Semesters Offered: X Fall	X Spring	X Summer

### Course Primary Text:

Title: Java in a Nutshell	Edition:
Author(s): Ben Evans	
Publisher: O'reilly Media, Inc	

### Supplemental Materials:

Online resources
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### Course Outcomes:

1	Demonstrate proficiency in developing Java Server Pages
2	Demonstrate proficiency in developing complex Java Object-Oriented database driven applications.

### Course Topics:

Week	Topic
1	Java Review
2	Java Server Pages
3	Java Server Pages - continued
4	Java Server Pages - continued
5	Java Security
6	I/O Java and XML
7	Midterm Project
8	Advanced Java Project Development
9	Advanced Java Project Development
10	Advanced Java Project Development
11	Advanced Java Project Development
12	Advanced Java Project Development
13	Advanced Java Project Development

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14	Advanced Java Project Development
15	Advanced Java Project Development

**Methods of Evaluation/Assessment**

**Grading:**

Project 1 - 20%

Java – Portfolio Project 1 – 30%

Java – Portfolio Project 2 – 50%

Course Keeper: Robert Nields

Date Completed: 5/21/2019