CS 241 SYLLABUS

Course Section Syllabus & Assessment of Student Learning

COURSE IDENTIFIER: CS 241 QUARTER: Spring 2012

COURSE TITLE: Programming II JAVA

INSTRUCTOR NAME: Robin Greene Office Phone: 509-527-4699
E-mail Address: robin.greene@wwcc.edu
Instructors website http://staff.wwcc.edu/robin.greene

OFFICE LOCATION: Technical Center 1120C OFFICE HOUR: 7:30 a.m. –8:20 p.m.

NAME OF TEXTBOOK: Java From the Ground Up, Bravaco and Simonson. 2010,
ISBN: 978-0-07-352335-4

STUDENT SUPPLIES: Storage Device, Flash Drive

STUDENT FILES: See the inside preface of your textbook – http://www.murach.com

CLASS HOURS: 5

TEACHING FORMAT: Lecture

LOCATION: Room 1204A Technology Building

CLASS TIME 11:30 – 12:20 a.m.

Course Description: Introduction and implementation of data structures including queues, stacks, trees and linked lists, using the Java programming language. Topics include iterative and recursive uses in sorting and searching routines.

Course Objectives: Upon completion of the course, the student will be able to:
• Concepts of structured programming
• Java programming language
• How to use algorithms to solve complex problems
• How to use arrays, structures, stacks, queues, and vectors
• How to debug Java programs
• Introduction to classes
• How to sorting and searching methods
• How to use Servlets and JSP
• How to build well-structured web applications
• How to use JDBC and connection pooling to work with MySQL
STUDENT LEARNING ASSESSMENT STRATEGY:

Assessment Devices: Tests, quizzes, and lab projects:

Assessment Policy:
1. Mandatory tests are scheduled during the quarter. Students with valid reasons (approved by the instructor) can make pre-arrangements with the instructor. Homework assignments are listed in the Course Schedule. Assignments must be submitted on time.
2. Assignments submitted after the last date established by the instructor will not receive credit.
3. Students are not allowed to re-submit corrected homework assignments. Assignments submitted for grade, are assumed to be the best work of the student.
4. The instructor will work with the student on their assignments until the time of submittal.
5. The instructor may vary work assigned during the quarter.
6. There may be additional in-class assignments, pop quizzes, etc that are not listed on the schedule.
7. Occasionally homework specifications change and the attached schedule is just a guideline.
8. You are expected to show up to class on time. I will not take time away from the class to catch you up.
9. Cheating will not be tolerated.

Grading Policy: Grades are based on the percentage of total points earned for tests, projects, homework assignments, and class attendance.

<table>
<thead>
<tr>
<th>Grade Points</th>
<th>Letter Grade</th>
<th>% Of Total Pts.</th>
<th>Grade Points</th>
<th>Letter Grade</th>
<th>% Of Total Pts.</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0</td>
<td>F</td>
<td>0-59</td>
<td>2.3</td>
<td>C+</td>
<td>77-79</td>
</tr>
<tr>
<td>1.0</td>
<td>D</td>
<td>60-66</td>
<td>2.7</td>
<td>B-</td>
<td>80-83</td>
</tr>
<tr>
<td>1.3</td>
<td>D+</td>
<td>67-69</td>
<td>3.0</td>
<td>B</td>
<td>84-86</td>
</tr>
<tr>
<td>1.7</td>
<td>C-</td>
<td>70-73</td>
<td>3.3</td>
<td>B+</td>
<td>87-89</td>
</tr>
<tr>
<td>2.0</td>
<td>C</td>
<td>74-76</td>
<td>3.7</td>
<td>A-</td>
<td>90-93</td>
</tr>
</tbody>
</table>

Criteria:
- Participation & Effort = 10%
- Homework & Programming Projects = 40%
- Tests & Quizzes = 50%
- TOTAL = 100%

HOMEWORK: Your grade on participation & effort will have much to do with your attendance. If you are not in class and participating on a day-to-day basis, you will not receive a score in this area. Students who choose not to attend class typically do poorly or fail the course. All coursework must be turned in on or prior to the scheduled date for credit.

All work must be prepared on a word processor or on a computer application. All assignments must have info Block - Name, Class & Time, Date, Assignment (Example: Project 3-3 Stock Value), and Assignment Explanation on every lab assignment.