Course Information

ITSE 2459 Advanced Java Programming

Instructor Information

Tim Xeriland, Instructional Designer

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Phone: 972-860-8239

Online

Office Location and Hours: A108B by appointment only

Course Description: Advanced Computer Programming with object-orientation. Emphasis on the advanced topics of JAVA for applications and web applets. (3 Lec., 4 Lab.)

The goal of this course is for you to become comfortable with the Java programming language. The course will cover concepts that you need to know and understand when working in a technical field with an emphasis in programming. This course will cover all fundamental areas of programming. As part of this course, you will learn the general concepts necessary to program in any language, the language-specific features necessary to program in Java, and the basic commands necessary to enter, compile, execute, test, and debug programs in the Java programming environment.

Required Materials Including Textbooks (include ISBN)

Note: A minimum of 9 hours per week should be devoted to course material outside of class time

1. Required Text: Author: Peter Van Der Linden Title: Just Java2
   ISBN: 0131482114 Publication Date: July 2004

2. Handouts: Additional handouts may be required. Instructor will provide information on obtaining this material.

3. Software: You may need to download free files from the Internet.

Course Prerequisites: Basic understanding of problem solving and logic structures used with computers obtained in ITSC 2435 or equivalent experiences approved by instructor consent.

Disclaimer –
The instructor reserves the right to amend this syllabus as necessary.

Texas Core Objectives for Student Learning

Students will develop the essential knowledge and skills they need to be successful in college, in a career, in their communities, and in life. In this course, the following skills are in focus.

1. Critical Thinking Skills - to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information

2. Communication Skills - to include effective development, interpretation and expression of ideas through written, oral and visual communication

3. Empirical and Quantitative Skills - to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions

4. Teamwork - to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal

5. Personal Responsibility - to include the ability to connect choices, actions and consequences to ethical decision-making

6. Social Responsibility: to include intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities
Student Learning Outcomes

1. Learn advanced programming topics
2. Learn higher level Java syntax
3. Be able to solve problems in an asynchronous manner

Exams and Assignments

Projects: This is similar to a capstone course and therefore you There will be several projects that will make use of all the programming skills you have learned in the class. **1000 points**

Tests: There are no tests in this class. Yea!!!

Evaluation Procedures

Grading:

Total points will be computed as follows.

<table>
<thead>
<tr>
<th>Project</th>
<th>1000</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1000 Points</strong></td>
</tr>
</tbody>
</table>

Grading Scale

- 1000-900 A
- 899-800 B
- 799-700 C
- 699-600 D
- 599-0 F

Stop Before you Drop

For students who enrolled in college level courses for the first time in the fall of 2007, Texas Education Code 51.907 limits the number of courses a student may drop.

You may drop no more than six courses during your entire undergraduate career unless the drop qualifies as an exception. Your campus counseling/advising center will give you more information on the allowable exceptions.

Remember that once you have accumulated six non-exempt drops, you cannot drop any other courses with a “W”. Therefore, please exercise caution when dropping courses in any Texas public institution of higher learning, including all seven of the Dallas County Community Colleges. For more information, you may access: [http://www.dcccd.edu/Why/Reg/Registration/Pages/default.aspx](http://www.dcccd.edu/Why/Reg/Registration/Pages/default.aspx)

Withdrawal Policy

(insert drop date)

If you are unable to complete this course, it is your responsibility to withdraw formally. The withdrawal request must be received in the Registrar’s Office by **(Thursday, August 01, 2013)**. Failure to do so will result in your receiving a performance grade, usually an “F.” If you drop a class or withdraw from the college before the official drop/withdrawal deadline, you will receive a “W” (Withdraw) in each class dropped. See institutional policies for additional information on withdrawals.

Attendance Policy

Students are expected to meet all deadlines and must be actively participating in the course.

Emergency Closings

Students should refer to the main Web page of Cedar Valley College for information about campus status. For particular course information, students should check their e-mail accounts given to the college and/or eCampus.
Course Outline

For maximum success in this course you should spend a minimum of 9 hours per week working on course material.

Java Schedule: (Please feel free to work ahead)

<table>
<thead>
<tr>
<th>Sec #</th>
<th>Dates</th>
<th>Chapter</th>
<th>Topic</th>
<th>Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>07/09/13 – 07/09/13</td>
<td></td>
<td>Orientation / Overview</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>07/10/13 – 07/11/13</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>3</td>
<td>07/12/13 – 07/13/13</td>
<td></td>
<td>Project 1</td>
<td></td>
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<td>4</td>
<td>07/14/13 – 07/15/13</td>
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<tr>
<td>5</td>
<td>07/16/13 – 07/17/13</td>
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<tr>
<td>6</td>
<td>07/18/13 – 07/19/13</td>
<td></td>
<td>Project 2</td>
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<tr>
<td>7</td>
<td>07/20/13 – 07/21/13</td>
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<td>8</td>
<td>07/22/13 – 07/23/13</td>
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<td>9</td>
<td>07/24/13 – 07/25/13</td>
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<tr>
<td>10</td>
<td>07/26/13 – 07/27/13</td>
<td></td>
<td>Project 3</td>
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<td>11</td>
<td>07/28/13 – 07/29/13</td>
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<td>12</td>
<td>08/01/13 – 08/02/13</td>
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<tr>
<td>13</td>
<td>08/03/13 – 08/04/13</td>
<td></td>
<td>Portfolio</td>
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<tr>
<td>14</td>
<td>08/05/13 – 08/06/13</td>
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<tr>
<td>15</td>
<td>08/07/13 – 08/09/13</td>
<td></td>
<td>Last chance to turn</td>
<td></td>
</tr>
</tbody>
</table>

QUALITY ENHANCEMENT PLAN

Cedar Valley College's Quality Enhancement Plan is designed to improve student learning in mathematics. Read more about our QEP at:  [http://www.cedarvalleycollege.edu/QEP/default.aspx](http://www.cedarvalleycollege.edu/QEP/default.aspx)

INSTITUTIONAL POLICIES

Academic Advising

Academic Advising is a collaborative educational process whereby students and their advisors are partners in meeting the students' academic, personal, and career goals. This partnership is a process that is built over the student’s entire educational career at Cedar Valley College.

Educational planning is available to all students. First time in college students must meet with academic advisors prior to enrolling in classes; however, continuing students may choose to see faculty advisors, faculty counselors, and/or program coordinators after classes begin. All parties have clear responsibilities for ensuring a successful partnership. For more information, you may access:  [https://www.cedarvalleycollege.edu/FutureStudents/StudentServices/AcademicAdvising/Pictures/AdvisingSyllabus.pdf](https://www.cedarvalleycollege.edu/FutureStudents/StudentServices/AcademicAdvising/Pictures/AdvisingSyllabus.pdf)
Academic Honesty

Academic honesty is expected, and integrity is valued in the Dallas County Community Colleges. Scholastic dishonesty is a violation of the Code of Student Conduct. Scholastic dishonesty includes, but is not limited to, cheating on a test, plagiarism, and collusion.

ADA Statement

If you are a student with a disability and/or special needs who requires accommodations, please contact the college Disability Services Office at 972-860-8119.

Emergency Alert

Sign up for DCCCD Emergency Alerts to receive a text-message, e-mail and/or phone call when there is an unscheduled evacuation or closure of a DCCCD campus or office because of weather closures, utility outages, police or other emergencies. Subscribing is free, but standard text message charges from your cell phone provider will apply. Please refer to:
http://www.dcccd.edu/SS/OnlineSvs/EmergAlerts/Pages/default.aspx

Financial Aid

Students who are receiving any form of financial aid should check with the Financial Aid Office prior to withdrawing from classes. Withdrawals may affect your eligibility to receive further aid and could cause you to be in a position of repayment for the current semester. Students who fail to attend or participate after the drop date are also subject to this policy.

Health Center Services

Basic first aid for minor cuts, scrapes, insect stings, and heat, etc.
- Over-the-counter medications for headaches, fever, seasonal allergies, and colds
- Over-the-counter medications for mild allergic reactions
- Emergency sanitary pads
- Blood Pressure check
- Coordination with outside health agencies such as Carter Blood Care; Dallas County Health Dept. (HIV/STD testing--free, twice a semester); UT Southwestern mobile mammography; Immunizations once a month for children <19 y.o. from the DCDHHS; Agape Massage; and Employee Wellness Screening
- Rest area for stress relief, migraine headaches, post seizure activity
- AED (Automatic External Defibrillator) for CPR
- Confidential "talks"
- Assists with health related club activities when asked and time permits

Religious Holidays

Absences for observance of a religious holy day are excused. A student whose absence is excused to observe a religious holy day is allowed to take a make-up examination or complete an assignment within a reasonable time after the absence.

Repeating this Course

Effective for Fall Semester 2005, the Dallas County Community Colleges will charge additional tuition to students registering the third or subsequent time for a course. This class may not be repeated for the third or subsequent time without paying the additional tuition. Third attempts include courses taken at any of the Dallas County Community Colleges since the fall 2002 semester. More information is available at:
http://www.dcccd.edu/PC/Cost/3rdCrseAttmpt/Pages/default.aspx
As a college student, you are considered a responsible adult. Your enrollment indicates acceptance of the DCCCD Code of Student Conduct published in the DCCCD Catalog. More information is available at: https://www1.dcccd.edu/catalog/ss/code.cfm?loc=CVC

Where do I get help?

If you need help with this course this is the order you should follow:

1. Your classmates (assuming you’re not the only one in the class)
2. Tim Xeriland (email: txeriland@dcccd.edu / phone: 972.860.8239)
3. Ginnette Serrano-Correa (email: gcorrea@dcccd.edu / phone: 972-860-8109)
4. Technical Assistance (phone: 972.669.6402)