ITSE 1429 Programming Logic and Design INET
Cedar Valley College

GENERAL INFORMATION
College Name Cedar Valley College
Division Business Technology
Semester/Term & Year Sum II 2013

INSTRUCTOR INFORMATION
Name Tim Xeriland
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Telephone 972-860-8239
Office Number A108B
Office Hours Mon-Thurs 1pm-3pm (Can meet often, but best to make an appointment)

COURSE INFORMATION
Course Number ITSE 1429
Section Number 35420
Credit Hours Four (4)
Class Meeting Time INET
Course Title Programming Logic and Design
Course Description Problem-solving applying structured techniques and representation of algorithms using design tools. Includes an introduction to programming, testing, evaluation, and documentation. (3 Lec., 4 Lab.)

The goal of this course is for you to become comfortable with the basic problem solving 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 problem solving.

Course Prerequisites None. You are not required to have any prior experience with programming, but you are required to have prior experience with computers. You must be comfortable using Windows, file management, e-mail, and a word processor. If you are not comfortable with using the computer, I suggest taking an Introduction to Computers class either before taking this class or concurrently with this class. E-mail your instructor for more information.
**Student Learning Outcomes**
- Learn how to work in a programming environment.
- Learn how to design, storyboard, and implement a computer program.
- Understand variables and how to create them and use in a computer program.
- Understand conditional statements and demonstrate that a program can take several paths.
- Understand how to use loops in programming and allow the user to repeat the program as often as they request.

**Programming Logic and Design 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>Assignment 0</td>
</tr>
<tr>
<td>2</td>
<td>07/10/13 – 07/11/13</td>
<td>Handout</td>
<td>Hello World</td>
<td>Assignment 1</td>
</tr>
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<td>3</td>
<td>07/12/13 – 07/13/13</td>
<td>Ch 1</td>
<td>Objects</td>
<td>Assignment 2</td>
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<td>4</td>
<td>07/14/13 – 07/15/13</td>
<td>Ch 2</td>
<td>Methods</td>
<td>Assignment 3</td>
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<tr>
<td>5</td>
<td>07/16/13 – 07/17/13</td>
<td>Ch 2</td>
<td>Methods</td>
<td>Assignment 4</td>
</tr>
<tr>
<td>6</td>
<td>07/18/13 – 07/19/13</td>
<td>Handout</td>
<td>Variables</td>
<td>Lab 1</td>
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<tr>
<td>7</td>
<td>07/20/13 – 07/21/13</td>
<td>Ch 3</td>
<td>Conditional Statements</td>
<td>Assignment 5</td>
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<td>07/22/13 – 07/23/13</td>
<td>Ch 3</td>
<td>Loops</td>
<td>Lab 2</td>
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<td>07/24/13 – 07/25/13</td>
<td>Ch 3</td>
<td>Loops</td>
<td>Assignment 6</td>
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<td>07/26/13 – 07/27/13</td>
<td>Handout</td>
<td>Text and Sound</td>
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<td>07/28/13 – 07/29/13</td>
<td>Ch 4</td>
<td>Events</td>
<td>Lab 3</td>
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<td>12</td>
<td>08/01/13 – 08/02/13</td>
<td>All Chs</td>
<td>Basic Games</td>
<td>Lab 4</td>
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<tr>
<td>13</td>
<td>08/03/13 – 08/04/13</td>
<td>All Chs</td>
<td>All Topics</td>
<td>Propose Game Project</td>
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<tr>
<td>14</td>
<td>08/05/13 – 08/06/13</td>
<td>All Chs</td>
<td>All Topics</td>
<td>Submit Game Project</td>
</tr>
<tr>
<td>15</td>
<td>08/07/13 – 08/09/13</td>
<td></td>
<td></td>
<td>Last chance to turn in late work</td>
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</tbody>
</table>
1. **Required Text:**
   - **Title:** Programming with Alice and Java
   - **Authors:** John Lewis, Peter Depasquale
   - **ISBN-10:** 032151209X
   - **Publication Date:** February 2008
   - **Publisher:** Addison-Wesley

**Evaluation Procedures**

Total points will be computed as follows.

- Assignments: 600 points
- Labs: 300 points
- Project: 100 points
- Total: 1000 points

**Discussion Board:** The course Discussion Board is a tool that allows us to communicate with each other in an asynchronous manner. Throughout the semester various questions will be placed on the board. To get maximum credit it is expected that your initial response be at least two paragraphs and all subsequent posts include enough material to be relevant. It is also strongly encouraged that you respond to the posts of your fellow students. *Points awarded via Assignments.*

**Assignments:** The assignments are a way of reinforcing what you are learning in the text. The assignments increase in value as the semester progresses. In other words, the last assignment is worth considerably more than the first. *600 points*

**Labs:** These are meant to go beyond what is in the text and encourage critical thinking. That means the direct answer might not be in the book, but through critical thinking you can put the pieces together. For example, if you learn A=C and B=C then even though you are not explicitly told you can conclude that A=B. *300 points*

**Grading Scale**

Grades for the course will be assigned using the following scale:

- **A:** 90 - 100%
- **B:** 80 - 89%
- **C:** 70 - 79%
- **D:** 60 - 69%
- **F:** 0 - 59%
Exams and Assignments
There are no tests in this class. Yea!!

Withdrawal Policy
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.

Assignments
All assignments and labs will be submitted through eCampus. You will have one-week grace period to submit your assignments and labs. You will be assessed a penalty for each day it is late one-week after the due date on the schedule. Remember the worst grade you can get is a zero so always turn in your work—even if it is late.

Posting of Grades
Grades will be posted under My Grades in Blackboard.

INSTITUTIONAL POLICIES

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.
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 DCCCD Colleges since the fall 2002 semester. More information is available at: https://www1.dcccd.edu/catalog/ss/oep/third_attempt.cfm

Student Code of Conduct  
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

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: https://www1.dcccd.edu/coursedrops

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)

Technical Assistance (Problems with BlackBoard / phone: 972.669.6402)

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