COLLEGE OF DUPAGE
CIS 2571 – Introduction to Java – Course Syllabus

Carolyn England
COD Main #: (630)942-4125 Voicemail Ext. 4125
Office: BIC 1709B (Division Office TEC1034)
Mailbox: BIC 1627
Office Hours: M 2:00 pm – 3:50 pm
Tu 5:00 pm – 6:50 pm
W 2:00 pm – 3:50 pm
Th 2:00 pm – 3:50 pm
F 8:30 am – 10:30 am *(virtual)*
e-mail: england@cod.edu

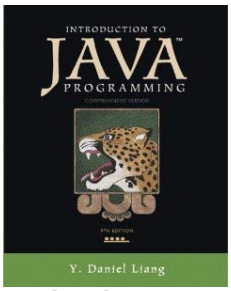
CIS 2571 Sect #001
SPRING SEMESTER 2014
Mon and Wed 12noon - 1:50 PM
Location: SCC115

Course Name: CIS 2571 – Introduction to Java

Credit and Contact Hours: 4 semester credit hours (4 lecture hours)

Prerequisites: CIS1400 Programming Logic and Technique

Textbook (Required):



Introduction to Java Programming by Y. Daniel Liang, 9th edition, Publisher: Pearson, Prentice Hall, ISBN-13: 978-0-13-293652-1, ISBN-10: 0-13-293652-6

Other Course Materials: Note and test taking material (pencil, pen, eraser, etc.), storage device (USB drive or cloud storage), assignment submission material (hardcopies, file upload, etc.)

Course Description:

Introduction to object-based problem solving in the Java language. Includes encapsulation, class design, objects, polymorphism, and Graphical User Interface (GUI) components.

Course Objectives:

Upon successful completion of this course, the student should be able to:

1. Identify the principles of the Java language
2. Construct applets for a Java application
3. Recognize the difference between object-based and object-oriented techniques
4. Identify data types to be used in a Java application
5. Design, construct, and test Java applications
6. Identify GUI components in Java applications

Course Requirements:

Academic Integrity:

Course related academic integrity is an important component of College policies and the Computer Information Systems curriculum.

The College policy on academic integrity can be found in the College catalog under Student Services and General Student Information, Student Rights and Responsibilities, Code of Academic Conduct:

http://www.cod.edu/catalog/current/student_services/student_rights_responsibilities.aspx

Attendance:

Class attendance and active participation are essential if a student wishes to receive maximum benefit from this class. Material discussed during class and lab times provide the foundation for assignments and evaluations. Not all material discussed during class is necessarily available electronically. If a student is absent, they should obtain any notes from a fellow student present during that time. Any additional course policies (not covered in this syllabus) will be discussed during class/lab time and it is the student's responsibility to abide by these policies in order to achieve full credit for coursework completed. Although attendance does help one's final grade, **perfect attendance alone does not guarantee a passing grade**.

e-mail:

Every attempt will be made to answer e-mail on a 24 hour turnaround basis (except for Saturday and Sunday). When sending an e-mail please indicate your name, in which course you are currently enrolled, the problem you are having, and how best to contact you with a resolution.

Evaluations:

Two evaluations are given during the semester. There will be no make-up evaluations allowed unless there is an emergency and you contact me prior to the scheduled evaluation date. **NO MAKE-UP EVALUATIONS ARE ALLOWED FOR THE FINAL EVALUATION!** If a student misses the final evaluation, he/she will receive a grade that reflects the loss of **all** points for the final evaluation.

Assignments:

Assignments are discussed during class time. Some material may be due at the end of class time and some material may be due at a later time. Keep track of your scheduled lab time; make sure you have plenty of time to save your work, and hand in any material when you leave. Since other classes are probably scheduled for lab time after you, be considerate in cleaning up your area and logging off before their lab time begins. **Assignments handed in should be stapled to the back of the assignment sheet in order to get ANY points**. **Assignments received after the assigned due date receive a 50% penalty for each scheduled class meeting date after the assigned due date**. **NO LATE LAB ASSIGNMENTS ACCEPTED 7 CALENDAR DAYS AFTER THE DUE DATE. NO LATE LAB ASSIGNMENTS ACCEPTED FOR THE LAST LAB ASSIGNMENT.** Students **may** be required to demonstrate the functionality of their programs to achieve full credit. In the event a student cannot attend class on the day an assignment is due, the assignment should be handed in early unless other arrangements have been made in advance with the instructor.

Satisfactory/Fail/Incomplete:

A Satisfactory/Fail Grading Option must be requested by **Thursday, April 10, 2014** and requires an overall class grade of 75% or better for a grade of satisfactory. **No Incompletes will be given in this course.**

The College policy on Satisfactory/Fail (S/F) Grade Option can be found in the College catalog under Academic Policies and Procedures, Earning College Credit:

http://www.cod.edu/catalog/current/academics/policies_procedures.aspx

Student Responsibilities:

This course involves reading, discussion, online, and written assignments. It is to the student's benefit to use their time wisely whether it is in preparation for class, during scheduled class, or in the lab. Expect to spend time outside of class completing your assignments (anywhere from 4 to 12 hours per week is reasonable). The College of DuPage Academic Computing Labs are available for students to complete their college assignments.

Withdrawal Policy:

The last day to withdraw from this class is **04/17/2014**. After that date, students may file a Petition for Late Withdrawal through the Registration Office. Petitions for Late Withdrawal will be granted for extenuating circumstances only, including student illness, death in the immediate family, family emergencies, call to active duty, or other appropriate extenuating circumstances. The student will be required to provide appropriate documentation for all requests for Late Withdrawal. Prior to withdrawing from this class, students are encouraged to speak with the instructor.

The College policy on Withdrawals can be found in the College catalog under Academic Policies and Procedures, Course Withdrawals:

http://www.cod.edu/catalog/current/academics/policies_procedures.aspx

Finally:

During class time, considerate conduct by all persons is important to a favorable learning environment. **Electronic devices should be silenced or turned off during class/lab times**. Failure to abide by this policy may adversely affect the student's grade.

Most students sign up for courses with the best intentions; however, circumstances can arise that challenge even the best students. If you are having difficulty with the course, the above requirements, or the College, please come and see me (**before** a crisis develops) so that we can resolve them in a manner beneficial to all persons involved.

Method of Student Evaluation:

Point Distribution:

Lab Assignments	600 pts.
In-Class	100 pts.
Evaluations	300 pts.
Total Points:	1000 pts.

Final Grades:

Accumulated Points	Grade	
900 – 1000	A	>= 90
800 – 899.9	B	80 - 89
700 – 799.9	C	70 - 79
600 – 699.9	D	60 - 69
599.9 or lower	F	< 60

COLLEGE OF DUPAGE
CIS 2571 – Introduction to Java – Course Syllabus

Tentative Course Outline/Schedule:

In addition to online resources, material for class lectures/discussions will be taken from the course textbook. Course topics and their corresponding textbook chapters are listed below. To maximize one's mastery of the course material, textbook readings should be done PRIOR to class. This class progresses at a quick pace in order to cover all the objectives; falling behind in one's reading assignments may affect one's comprehension of subsequent topics. For the purpose of maintaining this timely schedule, students experiencing difficulty with any topics should see the instructor for supplemental course instruction during the instructor's office hours. Any revisions to the following schedule will be discussed during class/lab hours.

Week Beginning *****Important Dates*****	**Topics and Supporting Textbook Chapters**	**Assignments /Evaluations**
01/15/2014 *****Wednesday – Semester Begins*****		
01/20/2014 *****Monday – Holiday – No Classes*****	Course Administration and Policies **Fundamentals of Java Programming** Ch 1 Introduction to Computers, Programs and Java Ch 2 Elementary Programming	Lab #1
01/27/2014	Ch 3 Selection Ch 4 Loops	Lab #2
02/03/2014	Ch 5 Methods	Lab #3
02/10/2014	Ch 6 Single-Dimensional Arrays	Lab #4
02/17/2014	Ch 7 Multidimensional Arrays	
02/24/2014	**Object Oriented Programming** Ch 8 Objects and Classes	Lab #5
03/03/2014	Ch 9 Strings Ch 10 Thinking in Objects	Lab #6
03/10/2014		**MidTerm**
03/17/2014	Ch 11 Inheritance and Polymorphism	Lab #7
03/24/2014	Ch 14 Exception Handling and Text I/O	Lab #8
03/31/2014	*****Spring Break (No Classes)*****	
04/07/2014	Ch 15 Abstract Classes and Interfaces	Lab #9
04/14/2014	**GUI Programming** Ch 12 GUI Basics	
04/21/2014	Ch 13 Graphics	Lab #10
04/28/2014	Ch 16 Event-Driven Programming	
05/05/2014 *****Saturday – Final Exams/Culminating Activities Start*****	**Class Wrap-Up and Review**	
05/12/2014 *****Friday – Semester Ends*****	**Monday, May 12, 2014 @ 12:00 noon – 1:50 pm**	**Final**