

Lorain County Community College

Course Syllabus:

CISS226 - Introduction to Programming in JAVA

Description:

An introduction to programming using the JAVA programming language. Topics include language fundamentals, GUI design tools including Swing and AWT, object class design and implementation, and applets. Both desktop and web applications are introduced using an object-oriented methodology.

Outcomes:

- Demonstrate comprehension of the fundamental components of the JAVA programming language.
- Demonstrate comprehension and application of structured logic in writing computer programs.
- Design and develop business programming solutions using JAVA.
- Demonstrate application of debugging techniques to correct programming errors.
- Demonstrate application of the standard program documentation techniques related to computer programming.

Text and Materials:

Head First Java - 2nd Edition – Sierra and Bates

Storage Media (diskettes, thumb drive) – This is for your storage of assignments for your own purposes/backup. All work will be turned in via Angel

Instructor Approach

This is your class. Let me know what I can do to help you learn the material, as this is the reason we are here. Please let me know if you are experiencing any difficulties in the class, including, but not limited to: understanding the material, understanding what is expected on the assignments, understanding why you received the grade you did, need to miss an extended period of time. I will do my best to help you and accommodate you; however, to do so, I need to know as soon as possible that you are experiencing difficulties.

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Everything we do in this class should relate to one of the above outcomes. If there is any material or activity for which it is not clear how it relates to the above outcomes, you are encouraged to ask: **WHO CARES?!**

Angel will be used extensively in this class. Angel will be used to: post handouts, post assignments, turn in assignments, maintain communications between classes, post announcements, interact with class, post examples, etc. Please log in and check a few times per week.

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College Policies

Special Needs: If you have any special needs for which you wish to request special accommodations, please let me know. In addition, the Office for Special Needs Services can provide assistance. See LCCC Catalog for more information.

Academic Dishonesty: Academic dishonesty will be dealt with per the rules of the college. See LCCC Catalog for more information.

Privacy: Access to your academic information is limited per FERPA (Federal Education Rights and Privacy Act). See LCCC Catalog for more information.

Code of Conduct: Faculty members are charged with responsibility for building and maintaining a classroom atmosphere conducive to learning. Disruptive, disrespectful, or obstructive behavior will be dealt with in terms specific to this syllabus and in accord with the LCCC Code of Student Conduct. See LCCC Catalog for more information.

Instructor Policies:

Late Work (Note – students that have had me in the past, this policy may be different than the policy I have used in past semesters.)

Completing assignments on time is critical to being successful in this class. If you are able to complete the assignments correctly and on time, it is a strong indicator that you will be very successful in this class. In addition, by turning in assignments on time, you will receive timely feedback about your work – another necessary ingredient to learning the material. Therefore, I think it is appropriate to provide incentive for turning in assignments on time by penalizing late assignments. Additionally, a student that turns in a late assignment had more time to work on it and as such, should not receive equal credit to a student that turns in the assignment on time.

Yet, I realize that everyone has many responsibilities. Students may experience extenuating circumstances or may have difficulty with a particular assignment. As such, I do not want late penalties to be excessive for the conscientious student who occasionally has to turn in an assignment late.

Therefore, I will deduct **up to** 10% of total points per day an assignment is late. I will base the points deducted on 3 factors: how late the assignment is, whether or not the student has contacted me to discuss difficulties with the assignment or any other extenuating circumstances and the frequency of late assignments from the student. A student that turns in one assignment a day late when she has let me know she is ill will be penalized differently than a student that turns in every assignment a week late with no explanation. If you upload an assignment late, please remind me of any discussions we've had concerning the assignment, to reduce your penalties.

An additional incentive for turning in work on time: I may, in some cases, give you an opportunity to redo assignments that are not adequate for a higher grade – if a sincere effort is made and you do not complete an assignment successfully. You are less likely to receive the opportunity to rework late assignments – the later the assignment, the less likely you will be to receive an opportunity to rework for a higher grade.

Just as completing assignments correctly and on time is a strong indicator of being successful in the class, being late or incorrect with assignments is often a sign that you need to either devote more time and effort to the class, or you need to talk to me about the difficulties you are having.

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Incompletes

A grade of incomplete (I) is a contract between student and instructor. Incompletes are awarded only under extenuating circumstances. The instructor should be notified as soon as possible of any circumstances which occur that will require a student to complete an incomplete. See LCCC Catalog for more information.

This syllabus does not constitute a contract. To maintain the integrity of the course, the instructor reserves the right to change this syllabus and any of its contents at any time during the course by notifying students verbally or by written addendum.

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Coursework:

Your final grade will be based on your grades in the following activities:

Assignments* 15 assignments @ 3pts	45 points
Midterm	25 points
Final	30 points
	100 points

*In general, there will be one assignment per week. In some cases, however, weekly assignments may be combined for more points with more time allotted.

A = 90% or more of the total points	(90-100 pts)
B = 80% - 89%	(80-89 pts)
C = 70% - 79%	(70-79 pts)
D = 60% - 69%	(60-69 pts)
F = Below 60%	(<60 pts)

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Notes: This schedule is subject to change. If any changes are made to the schedule, I will announce them as soon as I am aware of them.

Week	Readings
Week One: (beginning 1/20)	Introduction including Setting up your computer (pg xxviii) Ch 1
Week Two: (beginning 1/26)	Ch 2
Week Three: (beginning 2/9)	Ch 3
Week Four: (beginning 2/9)	Ch 4
Week Five: (beginning 2/16)	Ch 5
Week Six: (beginning 2/23)	Ch 6
Week Seven: (beginning 3/2)	Ch 7
Week Eight: (beginning 3/9)	Midterm
SPRING BREAK! (Beginning 3/16)	
Week Nine: (beginning 3/23)	Ch 8
Week Ten: (beginning 3/30)	Ch 9
Week Eleven: (beginning 4/6)	Ch 10
Week Twelve (beginning 4/13)	Ch 11
Week Thirteen: (beginning 4/20)	Ch 12
Week Fourteen: (beginning 4/27)	Ch 13-14
Week Fifteen: (beginning 5/4)	Ch 16-17
Week Sixteen: (Regular Classes on 5/11 Reading days: 5/12-5/13)	Review Reading Days

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	I will be in my office much of the day to provide assistance. It is best to contact me to arrange a mutually agreeable time.
Final (5/14-5/20)	Final - Exact Date TBA