



## INTRODUCTION TO COMPUTER SCIENCE

ACO 101

Tues and Thurs, 10:30 am – 11:45 am

Location: CLCC 234

**Instructor Name:** Theresa Devine

**E-Mail Address:** [tcdevine@asu.edu](mailto:tcdevine@asu.edu)

**Office/ Mailbox:** HARCS (FAB N-206)

I am in 2 divisions – don't get confused ☺

**Office Phone:** 602-543-2814

**Office Hours:** Tues Noon-2 [in CLCC 239]  
and by appointment

### Class portals:

<http://programmingisamedium.com/ASU/ACO101-v3/default.html>

<https://myasucourses.asu.edu>

### Instructor Website:

<http://www.theresadevine.com/>

Course location map: <http://www.asu.edu/map/interactive/?campus=west&building=CLCC>

**Course Description:** Concepts of problem solving, structured and object-oriented programming in Java, fundamental algorithms, computer system concepts. Social and ethical responsibilities.

**Prerequisites:** *Must have completed College Algebra (MAT117) or higher with a grade of C or greater.*

### Course Work Evaluation Breakdown

Please note that grades are assigned as follows:

(I use experience points instead of a traditional grading system)

Level 10 = 2000 EXP = A+

Level 9 = 1800 EXP = A

Level 8 = 1600 EXP = B

Level 7 = 1400 EXP = C

Level 6 = 1200 EXP = D

Level 5 = 1000 EXP = F

Level 4 = 800 EXP = F

Level 3 = 600 EXP = F

Level 2 = 400 EXP = F

Level 1 = 200 EXP = F

Level 0 = 0 EXP = F

**Tests and Quizzes** are worth 1000 EXP

(There will be a midterm and a final – dates TBD)

No makeup exams will be given

**Projects** are worth 1000 EXP

No late assignments will be accepted

These are totals – you will be informed of the actual points each task is worth when you are given the guidelines.

The instructor is the final arbiter of all grades for the class.

Also note that you are responsible for your earning your own experience points. It takes 10,000 hours to become an expert in anything – that is 5 years at 40 hours a week (with a 2 week vacation). I am expecting that you spend at least 8 hours a week in addition to class time each week to study. You will have approx 9835 more hours to go when you leave this class.

### Course Readings:

#### **Required Text**

- Big Java 4<sup>th</sup> Edition C Horstman, John Wiley & Sons – we will use the first 7 chapters.
- Wiley Plus Online Resource –
  - <http://www.wileyplus.com>
    - You get an electronic copy of the book when you buy this membership
- All additional readings I provide to enhance the learning process.

### Course Topics (not necessarily in this order):

The Big Picture; On the Job; Using Objects; Implementing Classes; Fundamental Data Types; Decisions; Iterations; Arrays and Array Lists

### **Course/Instructor Evaluation**

The course/instructor evaluation for this course will be conducted online 7-10 days before the last official day of classes of each semester or summer session. Your response(s) to the course/instructor are anonymous and will not be returned to your instructor until after grades have been submitted. The use of a course/instructor evaluation is an important process that allows our college to (1) help faculty improve their instruction, (2) help administrators evaluate instructional quality, (3) ensure high standards of teaching, and (4) ultimately improve instruction and student learning over time. Completion of the evaluation is not required for you to pass this class and will not affect your grade, but your cooperation and participation in this process is critical. About two weeks before the class finishes, watch for an e-mail with "**NCIAS Course/Instructor Evaluation**" in the subject heading. The email will be sent to your official ASU e-mail address.

**Withdrawals:** The instructor will **NOT** withdraw students for any reason. Specifically, students should be aware that non-attendance will **NOT** automatically result in their being dropped from the course. Therefore, if a student does not attend class during the first week or for any extended period of time during the semester, they should not presume that they are no longer registered. It is the student's responsibility to be aware of their registration status.

Please note the following dates:

<b>Late Registration and Drop/Add Deadline</b>	<b>August 18~24, 2011</b>
<b>Tuition and Fees 100% Refund Deadline</b>	<b>August 31, 2011</b>
<b>Labor Day Holiday</b>	<b>September 5, 2011</b>
<b>Course Withdrawal Deadline</b>	<b>November 2, 2011</b>
<b>Veterans Day Holiday</b>	<b>November 11, 2011</b>
<b>Thanksgiving Holiday</b>	<b>November 24-25, 2011</b>
<b>Complete Withdrawal Deadline</b>	<b>December 6, 2011</b>
(Undergraduate students must request a complete withdrawal in person)	
<b>Last Day of Classes</b>	<b>December 6, 2011</b>

**Any withdrawal transaction must be completed by December 6, 2011, at the registrar's office. If not, you will still be officially enrolled and you will receive a grade based on your work completed.**

For additional information about ASU's withdrawal policy and the possible consequences of withdrawing from a class, contact Registration Services or your academic counselor.

### **Students are responsible for their registration status!**

**The Grade of Incomplete:** A grade of incomplete will be awarded only in the event that a documented emergency or illness prevents a student who is doing acceptable work from completing a small percentage of the course requirements at the end of the semester. The guidelines in the current general ASU catalog regarding a grade of incomplete will be strictly followed. **A grade of incomplete will NOT be awarded unless there is documented evidence of extreme personal or immediate family hardship.** Changes in work hours, child-care emergencies, or other similar personal problems will not be approved as reasons for awarding incompletes. The Director of the Division of Mathematical and Natural Sciences must approve all incomplete grade requests.

**Reasonable Accommodations for Students with Disabilities:** The Disability Resource Center (DRC) provides information and services to students with any documented disability who are attending ASU West. Individualized program strategies and recommendations are available for each student as well as current information regarding community resources. Students also may have access to specialized equipment and supportive services and should contact the instructor for accommodations that are necessary for course completion.

### **Academic Integrity and Code of Conduct:**

As defined in the *ASU Student Academic Integrity Policy*: <http://provost.asu.edu/academicintegrity>.

Each student has an obligation to act with honesty and integrity, and to respect the rights of others in carrying out all academic assignments. A student may be found to have violated this obligation and to have engaged in academic dishonesty if during or in connection with any academic evaluation, him or her:

- Engages in any form of academic deceit;
- Refers to materials or sources or employs devices (e.g., audio recorders, crib sheets, calculators, solution manuals, or commercial research services) not authorized by the instructor for use during the academic evaluation;
- Possesses, buys, sells, obtains, or uses, without appropriate authorization, a copy of any materials intended to be used for academic evaluation in advance of its administration;
- Acts as a substitute for another person in any academic evaluation;
- Uses a substitute in any academic evaluation;
- Depends on the aid of others to the extent that the work is not representative of the student's abilities, knowing or having good reason to believe that this aid is not authorized by the instructor;

- Provides inappropriate aid to another person, knowing or having good reason to believe the aid is not authorized by the instructor;
- Engages in plagiarism;
- Permits his or her work to be submitted by another person without the instructor's authorization; or
- Attempts to influence or change any academic evaluation or record for reasons having no relevance to class achievement.

**ACO 101** follows the ASU Academic Integrity Policy in the administration of all course examinations and assignments. Violations of the University Academic Integrity policy will not be ignored. Penalties include reduced or no credit for submitted work, a failing grade in the class, a note on your official transcript that shows you were punished for cheating, suspension, expulsion and revocation of already awarded degrees. The university requires that the implementation of any of these penalties for violations of the academic integrity policy be reported to the Dean's office. The Integrity Policy defines the process to be used if the student wishes to appeal this action.

In **ACO 101** you are expected to follow the *ASU Student Code of Conduct* (<http://students.asu.edu/srr/code>) especially when communicating with your peers, instructors, and teaching assistants. Violations of the student code of conduct may result in withdrawal from the class.

**Final Exam Make-up Policy:** The final exam schedule listed in the Schedule of Classes will be strictly followed. Exceptions to the schedule and requests for make-up examinations can be granted only by the director of the Division of Mathematical and Natural Sciences for one of the following reasons:

- 1) religious conflict
- 2) the student has more than three exams scheduled on the same day
- 3) two finals are scheduled to occur at the same time

Make-up exams will NOT be given for reasons of non refundable airline tickets, vacation plans, work schedules, weddings, family reunions, or other such activities. Students should consult the final exam schedule before making end-of-semester travel plans.

If there is a last-minute personal or medical emergency, the student may receive a grade of Incomplete and makeup the final within one calendar month. The student must provide written documentation and be passing the class at the time to receive an Incomplete. A signed "Request for Grade of Incomplete" must be submitted by the student and approved by the student's instructor and the Director of the Division of Mathematical and Natural Sciences.

***The instructor reserves the right to make changes to this syllabus as needed.***

If you find it necessary to leave a note for this instructor, please contact the divisional office of Mathematical & Natural Sciences located in CLCCI room 217.

**Emergency Evacuation Plan:**

Students should be aware of the evacuation route posted on the exit door of each classroom. Students who cannot walk down stairs should notify the instructor as early in the course as possible so the instructor can provide information regarding the location of the designated meeting area on each upper floor of the building (marked with a blue sign that states Emergency Evacuation Response Area).