CS 170 Syllabus

Subject to changes!!!

Instructor: Dr. Martha Malaty
Office: Math, Business & Computing Center (MBCC) 114
Office Hours: Check my main homepage
Email: m_malaty@yahoo.com
Main Homepage, including Office Hours: http://faculty.orangecoastcollege.edu/mmalaty/index.html
CS/CIS Homepage: http://csjava.occ.cccd.edu
Phone: (I only check phone messages when I am on campus)
(on-Campus) Ext: 21127
(off-Campus) (714) 432-5616

Units: 4
CRN: 25748 & 31840
Format: On-Campus
Class Times & Locations:
25748: T Th 2:20 - 4:50 pm - MBCC 124
31840: T Th 7:00 - 9:30 pm - MBCC 124
Schedule: http://faculty.orangecoastcollege.edu/mmalaty/CS170Schedule.pdf
Useful Tutorials:
- Installing BlueJ
- Creating Practice-It! Account
- Canvas Guide

General Information
CS A170 is designed to provide students with a practical experience and background in computer programming using Java programming language.
The class will be available the first day of the semester. Only the syllabus and the schedule will be accessible before the start date of the class.

OCC Catalog Description
A first Computer Science course taught using the Java programming language. Students will build console and graphical applications and applets. Emphasis will be placed on programming fundamentals such as variables, selection and loops as well as object-oriented programming concepts including classes, inheritance and polymorphism. This course may also be offered online. May be taken for grades or on a pass-no pass basis.

Transfer Credit: CSU; UC.

Prerequisites:
- Advisory: Computer Information Systems A100 or A111.
- You are expected to be able to do at least the following:
  - Install and run programs on your computer.
  - Create and save plain text files using a text editor (NOT a Word processor).
  - Copy, move, delete and find files and folders.
  - Compress (Zip) folders continuing several files.
  - Browse the Web and use email.

Textbook
You can get the book from the following:
- OCC Book Store Link:
  http://orangecoast.bncollege.com/webapp/wcs/stores/servlet/BNCBHomePage?storeId=85236&catalogId=10001&langId=-1
  - You can even rent the book
  - Click on Books tab, choose “Textbooks & Course Materials”, then select the correct Program (All), Term (e.g. Fall 2017), Department (CS), Course (A170), and your Section number (25748 or 31840), then click the “Submit” button as shown in the image below.

There are several options listed below. Note that you DO NOT need to purchase any subscription to My Programming Lab. We are not going to use it.

- **Digital version**: ISBN-9780134448411 (Online purchase price: $24.00)
  


**Notes:**

- You can still use older editions of this book. What we will cover is almost the same in those editions.
- *(Optional – Not required for this class)* To access the video tutorials, and other material related to this book, you need to purchase an **access code**.
- You can get many free tutorial online as well.
- Check this link for a video demo on “How to purchase the textbooks”.

**Materials**

- Text book, and **Lots of ENTHUSIASM, TIME, & PATIENCE**

**Software used**

- **BlueJ**
  - Download the one that fits your operating system and include the latest stable Java JDK.

**Practice-It**

- You will use a free website from Washington University ([https://practiceit.cs.washington.edu/login](https://practiceit.cs.washington.edu/login)) to practice and check the correctness of some of your assignments. Directions will be given in the assignment of the first week.
Canvas Environment
- **Canvas is new Learning Management System (LMS) environment** will be used to post material, take quizzes, submit assignments, post announcements, check grades, and participate in online discussions. You can reach Canvas LMS through the following link: [http://canvas.cccd.edu/](http://canvas.cccd.edu/)
- Login to Canvas with your “MyOCC” account.
- A complete Student Guide is available online in the following link: [https://guides.instructure.com/m/8470](https://guides.instructure.com/m/8470).
- In case you need more help, the website for the OCC-Canvas Team has many helpful links and documents: [http://orangecoastcollege.edu/iic](http://orangecoastcollege.edu/iic).
- For MyOCC or Canvas online support information (opening times, phone numbers, online request form . . .), use this link: [http://www.orangecoastcollege.edu/about_occ/Technology/Pages/Technical-Support.aspx](http://www.orangecoastcollege.edu/about_occ/Technology/Pages/Technical-Support.aspx).
- You must have registered for the class in order to be able to see it in your course list. If you do not know your “MyOCC” login information, or have registered for the class but you do not see it in your course list, you need to either call or submit an online ticket to Technical Support.
- The PDF lecture slides for each lecture will be posted in Canvas.
- Assignments should be submitted through Canvas’s “Assignments” section.
- You can check your grades through the “Grade book” in Canvas.

Java Environment for Browsers
- You need to have a correct version of Java installed and have all your Pop-Up Blockers turned off.
- Remember that your Pop-Up Blockers are in your browser settings, any toolbars you may have installed from Yahoo! or Google, and in any firewall software (e.g. Norton or McAfee).
- You need set-up your Web browser and make sure that every now and then you clear your browser cache and temporary Internet files. Here is a useful link that shows you how to do that: [http://www.wikihow.com/Clear-Your-Browser's-Cache](http://www.wikihow.com/Clear-Your-Browser's-Cache).

In-Class and Homework Assignments/Projects
- For each chapter and/or week, you will have to submit some In-Class (Hands-On) and Homework (Project) assignments. The in-class assignment should be submitted before you leave the class at the day of the lecture.
- The homework assignment should be submitted before the due date.
- You will submit both the in-class & homework assignment in the same assignment drop box in the “Assignments” section of the Canvas environment.

Quizzes

Exams
- There might be more than one exam during the semester, in addition to a final exam around the 16th week of the semester.
- Check the tentative schedule for exact dates of the midterm and final exams.
- **There are NO MAKE-UP’s for any reason for missed assignments, quizzes, and/or exams.**

Absence & Drop Policy
- **For on-campus classes, the absence policy is as follows:**
  - You will be dropped from the class if you do not attend the first meeting of the class.
  - You might be dropped from the class if you do not attend the class for two or more weeks (or total of 10 hours), consecutive or non-consecutive, without advanced notification with reasonable excuses.
  - It is your responsibility to withdraw in order to meet all fee and withdrawal deadlines and to avoid grade penalties.
  - Please refer to the college catalog for more information.

Class Rules:
- You should always be respectful to your class mates and your instructor.
- You are not allowed to use any recording device inside the class.
- If you need to take images of what is explained on the white board, you must take permission from me first.
Grading Notes:
- I do not give incomplete grades to anyone.
- If you are not able to take the final exam, you will not pass the class.

Tentative Grade Distribution

<table>
<thead>
<tr>
<th></th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>In-Class &amp; Homework Assignments</td>
<td>25%</td>
</tr>
<tr>
<td>Quizzes</td>
<td>20%</td>
</tr>
<tr>
<td>Midterm Exams</td>
<td>30%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>25%</td>
</tr>
</tbody>
</table>

Letter Grade Criteria

<table>
<thead>
<tr>
<th>Grade</th>
<th>Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>&gt;= 90%</td>
</tr>
<tr>
<td>B</td>
<td>&gt;= 80 &amp; &lt; 90%</td>
</tr>
<tr>
<td>C</td>
<td>&gt;= 65 &amp; &lt; 80%</td>
</tr>
<tr>
<td>D</td>
<td>&gt;= 50 &amp; &lt; 65%</td>
</tr>
<tr>
<td>F</td>
<td>&lt; 50%</td>
</tr>
</tbody>
</table>

What is expected from you?
- This class is an on-campus class. You are required to attend regularly and on time.
- Check the announcements periodically. I will always post the urgent messages there.
- Read this entire syllabus carefully and follow the links that it refers to.
- Read all the textbook material for each week before you come to the class.
- Submit all the assignments long before the deadline. Do not wait until the last minute. I might not be able to help you then with your questions. I will NOT accept any late assignments.
- Participate actively in all class discussions.

What should you expect from me?
- I will grade the submitted assignments usually during the weekend following the submission. Please do not expect me to do that during working days, since I usually have other classes and/or commitments.
- I will be available during office hours for face to face meetings or through email. No appointment is necessary for office hours.
- I only check my phone messages during my office hours. It is better to reach me via email rather than phone. If Canvas email does not work, please email me through my yahoo email account (m_malaty@yahoo.com), NOT through my OCC email.

Student Learning Outcomes (SLO’s)
Upon successful completion of this course, you should be able to:
- Create, compile, execute, and test Java applications and applets.
- Create programs that correctly apply object-oriented programming techniques, including designing classes and methods, and implementing the concepts of polymorphism and inheritance.
- Implement selection structures (if/else and switch), repetition structures (while, do/while, and for), and one- and two-dimensional arrays.

Course Objectives
The course objectives for this course are as follows:
1. Create Java applications and applets.
2. Demonstrate proficiency in using the fundamental programming structures: sequence, selection, and iteration.
3. Produce programs which pass data between methods without resorting to global variables.
4. Apply various forms of arrays and lists to solve problems.
5. Produce programs which use a graphical user interface.
6. Apply object-oriented programming techniques to solve various problems using the Java language.
7. Apply the concept of inheritance to solve various problems.
8. Produce programs that use the concept of polymorphism.
Special Needs
If you have a disability that may impede your ability to successfully complete this course, you should contact the Special Services Center (432-5807 or 432-5604 TDD) not later than the first week of the course. Their staff will assist you in arranging accommodations that can help you meet course requirements.

Academic Honesty
In the OCC Course Catalog for 2017-2018, page 22, the following is stated:

Orange Coast College has the responsibility to ensure that grades assigned are indicative of the knowledge and skill level of each student. Acts of academic dis-honesty make it impossible to fulfill this responsibility. Faculty have a responsibility to ensure that academic honesty is maintained in their classroom. Students share that responsibility and are expected to refrain from all acts of academic dishonesty. Procedures for dealing with any violation of academic honesty will be followed. Additionally, the Student Code of Conduct and Board Policy Board Policy 5500 and Administrative Procedure 5500 shall be applied to incidents of academic dishonesty.

Examples of violation of Academic Honesty
- Obtaining information from or communicating information to another student during an examination
- Knowingly allowing another student to copy your work
- Offering another person's work as your own
- Taking an examination for another student or having someone take an examination for you
- Sharing answers for collaborative project and take-home examination unless specifically authorized by the instructor
- Using unauthorized material during an examination
- Altering a graded examination or assignment and returning it for additional credit
- Having another person or company do research writing and/or rewriting of an assigned paper or report
- Misreporting or altering the data in laboratory or research project

In addition, I will be randomly testing a few programming exercises with MOSS (Measure of Software Similarity), which is a software used to detect plagiarism. If I find any exercises that are the same, you will automatically get an F in the class and you will be reported to the Dean of Students.

Reservation of Rights
I reserve the right to change this syllabus without limitation and without prior notice. If I do modify any item or policy, I will notify you by posting a note on the class Web site and/or by sending an e-mail to your OCC e-mail account.