INSTRUCTOR  Melissa Green  greenm at smccd.edu  http://accounts.smccd.edu/greenm
Office: 17-148  650-574-6374  Virtual (online) office hours: MTWTh 6:30-8:30 PM

CIS 254 OL  CRN 92198  4 Units  ONLINE August 23 – December 17
MIDTERM EXAM  Tuesday, October 11  Online
FINAL EXAM  Tuesday, December 13  Online

NOTE: these are mandatory exams. NO makeup exam will be given unless there is a verifiable emergency.

TEXT  Pearson Custom Computer Science by Deitel  (only available in CSM bookstore)
ISBN 9781269781329  (contains textbook and MyProgrammingLab access code)

COURSE DESCRIPTION
Introduction to object-oriented computer programming for computer science majors and computer professionals. Includes simple data types; control structures; an introduction to array and string data structures and algorithms; debugging techniques; history of computer science, computer systems and environments; and the social implications of computing. Emphasizes object-oriented design, good software engineering principles and developing fundamental programming skills in Java. This course conforms to the ACM CS0 standards.

Recommended Preparation: eligibility for ENGL 838/848 and completion of MATH 110 or equivalent with a grade of C or higher.

GRADING
Tests/Midterm  45%  93-100 A  90-92 A-
Final Exam  20%  87-89 B+  83-86 B  80-82 B-
Labs/Assignments  35%  77-79 C+  70-76 C  67-69 D+  63-66 D  60-62 D-
0-59 F

This course allows “pass/no pass” grading. You must maintain a “C” average to pass.

There will be approximately 8 programming assignments in addition to lab assignments. Programming assignments and labs will be graded on correctness, documentation, and style. There will be 5 online tests over the semester, a midterm exam, and a final exam. Each test focuses on recent material but may also cover material from earlier in the semester. The tests/exams will be based on the textbook, the textbook website, handouts, and techniques you have used on the related lab and programming assignments. There will be NO makeup tests. Exams will be made up ONLY in the case of a verifiable emergency. If you forget to take an exam there will be NO makeup exam.

IMPORTANT DATES
Tuesday, August 23, 2016  Class begins
Tuesday, August 30, 2016  Last day to add or drop with eligibility for fee credit or partial refund
Monday, September 5, 2016  Last day to drop classes with no notation on student record
Monday, September 5, 2016  Last day to declare pass/no pass option
Wed., November 16, 2016  Last day to withdraw with a “W” on student record
November 24-27, 2016  Thanksgiving Recess – NO CLASS
FINAL EXAM SCHEDULE
The final exam covers all material for the semester.

CIS 254 OL  Tuesday, December 13, 2016  Online

COMPLETING ASSIGNMENTS
This course will require at least twelve hours of computer work each week in addition to preparation time. Assignment files must be uploaded to WebAccess and will NOT be accepted by e-mail. Students are expected to do their own work. Any case of duplicate assignments will result in a grade of zero for all people involved, unless it is a team project. All cheating and plagiarism will be reported. All assignments are due at 11:45 PM on the due date. Late assignments will have a 50% penalty and are accepted only up to 48 hours after the due date/time. NO late labs will be accepted. There is a separate handout with programming guidelines that you must follow. You must use only material covered in the textbook and handouts when completing assignments and labs. If you use any code not covered in current class materials your assignment or lab will not be graded. NOTE: ALL questions asked about an assignment on the due date will be answered the following day.

ATTENDANCE
Class participation is required. If you do not log into WebAccess for two weeks you will probably be dropped. Please note that it is the student’s responsibility to file the paperwork needed to drop or withdraw from this class. If you stop participating in the class, you might receive an “F”.

STUDENT LEARNING OUTCOMES
Upon completion of this course, students should be able to

- Analyze and explain the behavior of programs involving the fundamental program constructs
- Write short programs that use the fundamental program constructs including standard conditional and iterative control structures
- Identify and correct syntax and logic errors in short programs
- Write short programs that use arrays
- Design and implement a class based on attributes and behaviors of objects
- Construct objects using a class and activate methods on them
- Use static and instance members of a class properly
- Identify and describe the properties of a variable such as its associated value, scope and lifetime
- Describe the parameter passing mechanisms and method overloading
- Analyze and explain is-a relationships among objects using a class hierarchy and inheritance

Disability Accommodation:

Whatever action is required from moving desks to changing classrooms. New students entering college who need assistance should contact the Disability Resource Center for a pre-enrollment interview to determine support services needed. The DSPS Program provides support services and accommodations to students with verified physical, psychological and specific learning disabilities. New students entering college should contact the Disability Resource Center.
Student Conduct

Students enrolled in the Colleges of the District are expected to conduct themselves as responsible citizens, and in a manner compatible with the District and College function as an educational institution. Students are also subject to civil authority and to the specific regulations established by each College in the District. Violators shall be subject to disciplinary action, including possible cancellation of registration, and may be denied future admission to the Colleges of the San Mateo County Community College District.

Disrespectful, disruptive and/or dishonest behavior will not be tolerated, will result in removal from one or more class sessions and may result in disciplinary action. For more information on prohibited actions, please refer to the Student Conduct section in College of San Mateo’s Academic Catalog.

Immediate Disciplinary Actions:

1. Warning – A faculty or staff member may give notice to a student that continuation or repetition of specified conduct may be cause for further disciplinary action.

2. Temporary Exclusion – a faculty or staff member may remove a student who is in violation of the guidelines for student conduct for the duration of the class period or activity during which the violation took place and, if necessary, for the next class session.

If you are removed from a class session, it will count as an absence for that class session.

Plagiarism

Plagiarism occurs when a student misrepresents the work of another as his or her own. Plagiarism may consist of using the ideas, sentences, paragraphs, or the whole text of another without appropriate acknowledgement, but it also includes employing or allowing another person to write or substantially alter work that a student then submits as his or her own.

Any assignment found to be plagiarized will be given an “F” grade. There is Zero Tolerance for plagiarism and cheating. All instances of plagiarism will be reported for possible further discipline.

Smoking Policy

It is the policy of San Mateo County Community College District to provide a safe learning and working environment for both students and employees. It is recognized that smoke from cigarettes, pipes and/or cigars is hazardous to health; therefore, it is the intent of the District to provide a smoke-free environment to the greatest extent possible. To achieve this goal, smoking will be limited to parking lots only. There is no smoking on the campus itself.
Title IX

The San Mateo County Community College District is committed to maintaining safe and caring college environments at Cañada College, College of San Mateo and Skyline College. The District has established policies and procedures regarding Sexual Misconduct, Harassment, and Assault. A District website has also been developed which provides you with important information about sexual misconduct and sexual assault.

http://smccd.edu/titleix/
## 254OL Fall 2016 Course Outline (Tentative)

<table>
<thead>
<tr>
<th>Week</th>
<th>Dates</th>
<th>Topics</th>
<th>Reading</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Aug. 23</td>
<td>Introduction, Java Applications</td>
<td>Chapter 1, Chapter 2</td>
</tr>
<tr>
<td>2</td>
<td>Aug. 30</td>
<td>Java Applications, Intro to Classes and Objects</td>
<td>Chapter 2, Chapter 3</td>
</tr>
<tr>
<td>3</td>
<td>Sept. 6</td>
<td>Intro to Classes and Objects</td>
<td>Chapter 3, Test 1</td>
</tr>
<tr>
<td>4</td>
<td>Sept. 13</td>
<td>Intro to Classes and Objects, Control Structures: Part I</td>
<td>Chapter 3, Chapter 4</td>
</tr>
<tr>
<td>5</td>
<td>Sept. 20</td>
<td>Control Structures: Part I, Test 2</td>
<td>Chapter 4, Chapter 3</td>
</tr>
<tr>
<td>6</td>
<td>Sept. 27</td>
<td>Control Structures: Part I, Control Structures: Part II</td>
<td>Chapter 4, Chapter 5</td>
</tr>
<tr>
<td>7</td>
<td>Oct. 4</td>
<td>Control Structures: Part II</td>
<td>Chapter 5</td>
</tr>
<tr>
<td>8</td>
<td>Oct. 11</td>
<td>Methods</td>
<td>Chapter 6, Midterm Exam Online</td>
</tr>
<tr>
<td>9</td>
<td>Oct. 18</td>
<td>Methods</td>
<td>Chapter 6</td>
</tr>
<tr>
<td>10</td>
<td>Oct. 25</td>
<td>Arrays, ArrayLists, Test 3</td>
<td>Chapter 7, Chapter 5</td>
</tr>
<tr>
<td>11</td>
<td>Nov. 1</td>
<td>Arrays, ArrayLists</td>
<td>Chapter 7</td>
</tr>
<tr>
<td>12</td>
<td>Nov. 8</td>
<td>Arrays, ArrayLists, Test 4</td>
<td>Chapter 7, Chapters 6</td>
</tr>
<tr>
<td>13</td>
<td>Nov. 15</td>
<td>Strings, Characters</td>
<td>Chapter 9 (9.1-9.3, 9.5-9.6)</td>
</tr>
<tr>
<td>14</td>
<td>Nov. 22</td>
<td>Strings, Characters, Test 5</td>
<td>Chapter 9 (9.1-9.3, 9.5-9.6), Chapter 7</td>
</tr>
<tr>
<td>15</td>
<td>Nov. 29</td>
<td>Classes and Objects</td>
<td>Chapter 8</td>
</tr>
<tr>
<td>16</td>
<td>Dec. 6</td>
<td>Classes and Objects, Sorting and Searching</td>
<td>Chapter 8, Handouts</td>
</tr>
</tbody>
</table>

Final Exam: Tuesday, December 13 Online