MATH 123 – CALCULUS II – GROUP 1 - SPRING 2015

Instructor: Dr. Joshua Chesler  Office: FO3 – 109
Email: josh.chesler@csulb.edu  Phone: 562.985.1554
Office Hrs: Tu 2-3, We 11-12, or by appointment

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>Seminar – Section 01</td>
<td>MW 9:30-10:45AM</td>
<td>LA5-271</td>
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<tr>
<td>Activity - Section 02</td>
<td>Tu 9:00-10:50AM</td>
<td>LA5-347</td>
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<tr>
<td>Activity - Section 03</td>
<td>Tu 11:00-12:50PM</td>
<td>LA5-347</td>
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Required Materials.

Textbooks
2. Supplemental Sections “Linear Differential Equations” and “Second-Order Linear Differential Equations” which can be found here: [http://www.stewartcalculus.com/media/13_inside_topics.php](http://www.stewartcalculus.com/media/13_inside_topics.php)

Calculator
A graphing calculator is highly recommended but is not required. Otherwise, any scientific calculator will do.

WebAssign
Homework and benchmark exams will be given on WebAssign. See WebAssign documentation on our BeachBoard page for more information.

Class Goals. We will learn applications and methods of integration, differential equations, infinite series, representation of functions by power series, and calculus with parametric equations. We will cover most of Chapters 6 through 9 in the textbook and supplemental materials about differential equations.

More generally, I expect you to grow in mathematical maturity. I expect that you:
1. gain proficiency in communicating with and about mathematics;
2. embrace authentic mathematical practice such as making use of structure, generalizing, sense-making, and looking for patterns;
3. make sense of problems and persevere in solving them; and
4. value developing conceptual understanding – it’s not enough to just “get the right answer.”

Class Schedule. A tentative class schedule is posted on the BeachBoard page for this course including exam dates (look in the “Content” section).

Office Hours
Any office hour may be canceled due to illness or necessary appointments. Students should therefore not depend upon a faculty member being in his/her office for any particular office hour. Students should consequently secure any necessary signatures or other such requirements well in advance of any deadline.
**Attendance and Missed Assignments/Exams.** Students are required to attend every class. However, attendance and participation will not be used in grade determination. If you miss a day on which a graded assignment, quiz, or test is due for a reason which is documented and “excused” (as defined in the *CSULB Catalog*) then you will be given a chance to make up the work. It is the student’s responsibility to keep informed of any announcements, syllabus adjustments, or policy changes made during scheduled classes.

**Accommodation.** It is your responsibility to notify me, in advance, of your need for the accommodation of a disability that has been verified by the University.

**Withdrawal.** It is the student’s responsibility to withdraw officially from classes. Instructors have no obligation to withdraw students who do not attend courses, and may choose not to do so. Students should consult the CSULB Enrollment Services website for registration information: http://www.csulb.edu/depts/enrollment/summer/calendar.html

**Cheating and Plagiarism.** Although students are encouraged to work together, the work you turn in must be products of your own intellectual activity. Cheating and plagiarism are serious academic offenses. Students should read the section on cheating and plagiarism in the *CSULB Catalog*.

**BeachBoard and Email.** This course is set up on BeachBoard. Announcements and messages from me to the class may also come by email. *You are required to regularly check your email.*

**Homework.** Homework will be in two forms: WebAssign and written. Typically, both types of homework will be collected each week. For WebAssign problems, you are usually given multiple tries to get the right answer without penalty (the exception being multiple-choice and true-false, for which you have only one try!). It is your responsibility to seek help for problems which you don’t understand; e.g., come to office hours or discuss with classmates. Late written homework will not be accepted. Late WebAssign work will receive reduced credit.

**Quizzes.** In-class quizzes (often unannounced) will be given.

**Benchmark Tests:** In order to help you with test preparation, the week before every midterm exam I will give out a “benchmark test,” similar in content to the exam itself, on WebAssign. You will have multiple tries at each exam, the first try will be timed.

**Exams.** There will be three in-class exams and a comprehensive final exam.

**Supplemental Activity and Maintenance / Improvement:** As part of an initiative to increase student success in MATH 123, the math department has set up Supplemental Activity (SA) tutorial sessions designed to help students who need additional support and practice. There are eight of these sessions every week starting with the second week of classes; the schedule will be posted under the “Content” on Beachboard. The SA program is mandatory for all students (except those specifically exempted), and your
attendance will count towards your Maintenance/Improvement credit. I will notify you whether your attendance at an SA session is mandatory or exempted. See “Grading Policy” below for details. Note that all students, regardless of exempt status, are invited to attend tutorials.

**Quality of Written Work.** One of the goals for this course is for you to develop your ability to communicate mathematical ideas effectively. Even if you have the correct answer you will not get full credit for a problem unless your steps are clear and justified. The examples in the textbook are typically more verbose than you need to be, but are good examples of well-explained solutions.

**Grading Policy.** Your course score will be determined as the follows.

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<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Homework, Benchmark, and Quizzes</td>
<td>20% total</td>
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<tr>
<td>Maintenance/Improvement</td>
<td>10%</td>
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<tr>
<td>In-Class Exams (3)</td>
<td>15% each</td>
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<tr>
<td>Final Exam</td>
<td>25%</td>
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