# Course Syllabus

Broward College                                                    Spring 2017

**Instructor**:  Dr. Sanford Geraci
**Course Title**:  Calculus I W/Analytic Geometry  (MAC 2311)          Ref. #: 559935
**Course Time**: TR 9:30a. –11:45a.           Pre-requisite:  MAC 1114 or MAC 1140
**Classroom**: Building 9, Room 101
**Office**:  Building 7, Room 228 (954-201-6634)
**Office Hours**: MW 11:15a. – 1:45p; TR 11:45a. – 2:15p. or by appt.

**e-mail**: sgeraci@broward.edu  (Note: I do not receive e-mail on BC Online-D2L)
**Website**: http://www.broward.edu/~sgeraci

**Course Description**:  This course covers Continuity, limits, differentiation, applications of differentiation, and integration.

**Textbook**: Calculus, Early Transcendental Functions (Sixth Ed.) by Larson & Edwards. Cengage Learning. 2015. The student's solutions manual to accompany the text is highly recommended.

**Grading**:  **Grading**:  There will be four tests and a cumulative final exam.  Your lowest test grade will be dropped (but not the final exam).  Since your lowest test score will be dropped, there will be no make-up exams.  Your final semester grade will consist of the average of your three highest test grades and your final exam grade.  The grading scale is as follows:

|            |   |
|------------|---|
| 90 – 100   | A |
| 80 – 89    | B |
| 70 – 79    | C |
| 60 – 69    | D |
| Below 60   | F |

**Homework**:  The student is expected to read each section of the textbook prior to the corresponding lecture and work all of the assigned homework problems after each corresponding lecture.

**Attendance**:  Each student is expected to attend every class, as this is pertinent in order to perform well in this class.  In the case of an emergency, students are required to get class notes or any make-up work from another student or the instructor.  Students who do not attend regularly may be administratively withdrawn from the course.

**Math Lab/Academic Success Center (ASC)**:  The college has a math lab and tutoring center.  Resources available include tutoring, videos, and software.  Students are encouraged to utilize the math lab and tutoring center.  Please call there directly for their hours and availability.

**Academic Honesty:** Students caught cheating may receive an F on that particular assignment, an F for their semester grade, be administratively withdrawn from the course, or referred to the Dean of Students for appropriate disciplinary actions.

**Calculator**:  A graphing calculator is required and the TI 82 or higher is highly recommended.

**Withdraw**:  The last day that a student may elect to withdraw from this course (at the registrar's office or their website) and receive a grade of a W is *March 24, 2017.  No student can withdraw after this date.*

**Tentative Schedule:**

| | |
|---|---|
| 01/10/17 | Introduction, 2.1, 2.2 |
| 01/12/17 | 2.2, 2.3 |
| 01/17/17 | 2.3, 2.4 |
| 01/19/17 | 2.4, 2.5 |
| 01/24/17 | 2.5, Review |
| 01/26/17 | **Test 1(Ch. 2),** 3.1 |
| 01/31/17 | 3.1, 3.2 |
| 02/02/17 | 3.2, 3.3 |
| 02/07/17 | 3.3, 3.4 |
| 02/09/17 | 3.5, 3.6 |
| 02/14/17 | 3.6, 3.7 |
| 02/16/17 | 3.7, 3.8 |
| 02/21/17 | 3.8, Review |
| 02/23/17 | **Test 2 (Ch. 3),** 4.1 |
| 02/28/17 | 4.1, 4.2 |
| 03/02/17 | 4.3, 4.4 |
| 03/07/17 | No Class/Spring Break |
| 03/09/17 | No Class/Spring Break |
| 03/14/17 | 4.4, 4.5 |
| 03/16/17 | 4.5, 4.6 |
| 03/21/17 | 4.7, 4.8 |
| 03/23/17 | 4.8, Review |
| 03/28/17 | **Test 3 (Ch. 4)**, 5.1 |
| 03/30/17 | 5.1, 5.2 |
| 04/04/17 | 5.2, 5.3 |
| 04/06/17 | 5.3, 5.4 |
| 04/11/17 | 5.5, 5.6 |
| 04/13/17 | 5.6, 5.7 |
| 04/18/17 | 5.7, 5.8 |
| 04/20/17 | 5.8, Review |
| 04/25/17 | **Test 4,** Review |
| 04/27/17 | Review |

**Final Exam:**  Thursday May 4, 2017 from 8:30a – 10:20a. in 9/101 (This classroom)