COURSE: MATH – 208 (CE) Calculus and Analytic Geometry II

DESCRIPTION: Derivatives of trigonometric and inverse trigonometric functions, logarithmic and exponential functions. Techniques and applications of integration. Indeterminate forms and L’Hospital’s rule. Improper integrals. Infinite series and power series. Writing assignments, as appropriate to the discipline, are part of the course. 5 credit hours (250 minutes per week).

PREREQUISITE: Grade of “C” or better in Mathematics 207, or Consent of Department Chairperson.

INSTRUCTOR: Dr. Astrid Babayan
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WWW: http://faculty.ccc.edu/ababayan/


CLASS SCHEDULE: Mondays and Wednesdays 10:10 a.m. – 12:20 p.m. Room 706
OFFICE HOURS: Mondays and Wednesdays 9:00 a.m. – 10:00 a.m. and 12:25 p.m. – 12:55 p.m.
Tuesdays and Thursdays 10:55 a.m. – 12:55 p.m.

TOPICS TO BE COVERED

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Sections</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter 5: Logarithmic, Exponential, and other Transcendental functions</td>
<td>5.1 – 5.10</td>
</tr>
<tr>
<td>Chapter 6: Applications of Integration</td>
<td>6.1 – 6.5</td>
</tr>
<tr>
<td>Chapter 7: Integration Techniques, L’Hopital’s Rule, and Improper Integrals</td>
<td>7.1 – 7.8</td>
</tr>
<tr>
<td>Chapter 8: Infinite Series</td>
<td>8.1 – 8.10</td>
</tr>
<tr>
<td>Chapter 9: Conics, Parametric Equations, and Polar Coordinates</td>
<td>9.2 – 9.5</td>
</tr>
</tbody>
</table>

ATTENDANCE

Regular attendance is essential to your success in the class. It is a requirement of the Harold Washington College that attendance is taken every class session. It is your responsibility to be in every session of class and to be on time. If you are absent, it is your responsibility to cover the missed material. If your homework is completed prior to an absence, the assignment may be turned in to me.
HOMEWORK

Usually homework will be assigned every class period and it will be due at the next class date. Homework will be collected at the beginning of a class and then we can review the assigned problems if you feel they need further examination. Turning homework in is mandatory!!! Late homework will be penalized. Homework will be checked, graded (2 points), and returned to you. The homework grade will be counted as a bonus to your final grade (maximum 10% of your score from the quizzes and exams).

QUIZZES AND EXAMINATIONS

During this semester, there will be 5 examinations (including Final), each one worth a maximum of 100 points. If you miss an exam you will be given a score of zero and there will be no opportunity to make up a missed exam. The Final exam will be cumulative, which means it will contain material covered in all previous classes. The exams will be given approximately in every 3rd week.

There will be “pop” quizzes at the beginning or at the end of the class. It might sometimes be on the topic just discussed or on topics already covered.

GRADING POLICY AND SCALE

Your final grade in this course will be determined by the points that you have earned on the homework assignments, quizzes, and exams. The Final exam will count for 25% of your final grade; all other exams will count for 15% each. The quizzes will count for 15% of your final grade. The homework grade will be counted as a bonus to your final grade (maximum 10% of your score from the quizzes and exams).

The final grade in this course will be determined by the following grading scale:

91% – 100% A
81% – 90% B
71% – 80% C
61% – 70% D
< 61% F

DISCLAIMER

In the event that an issue occurs that is not covered in this syllabus, the instructor may use her own discretion to make a final decision concerning the issue.

CALENDAR

Exam 1: __________________________    Exam 4: __________________________
Exam 2: __________________________    Exam 5: __________________________
Exam 3: __________________________