MATH 261– Calculus I   Section 1502   Fall 2013

Time: M-Th 8:00-9:15.   **Room:** MSA202.

Prerequisite: Math 260 with a grade of "C" or better, or an appropriate placement
level demonstrated through math assessment process.
Instructor: Dr. Mohamad Alwash
E-mail: alwashm@wlac.edu.   **Phone:** (310)287-4216
Office: MSB212   **Office Hours:** M – Th 11-12:15

Textbook: Calculus, by James Stewart; 5th Edition.

Homework: Homework assignments will be given every day. These assignments will not be graded. We shall discuss
the assigned questions during the next class period. Please, do not expect that we do all the questions in class.
If you have more questions, please come to office hours.

Quizzes: There will be a quiz every week. I will drop two quizzes and the remaining
will make up 8% of final course grade. There will be no makeup for a missing quiz.

Tests: There will be five tests and a final. Each of the five tests is worth 10% of the
final course grade. Makeup tests will be given to students possessing valid excuses.
Advanced notice is mandatory.

Worksheets: Before each test you have a set of questions. The solutions are due at
8 AM on the day of the test. Each of these worksheets is worth 2% of the grade.

Final: The final will be a comprehensive exam.   It is worth 32% of your grade.

Attendance: If you miss four days, the instructor has the option of excluding you from
the class.

Summary: Total 1000 points. Quizzes: 80 P   Tests & worksheets: 600 P   Final: 320 P

Grading: A: 900-1000   B: 800-899   C: 700-799   D: 600-699   F: < 600

Important Dates: Last day to drop without a "W" 9/6/13, with a "W" 11/15/13

Note: Phones and devices with communication ability are not allowed.

Institutional Student Learning Outcomes

A) Critical Thinking: Analyze problems by differentiating fact from opinions, using evidence, and using sound reasoning to
specify multiple solutions and their consequences.
B) Quantitative Reasoning: Identify, analyze, and solve problems that are quantitative in nature.
C) Technical Competence: Utilize the appropriate technology effectively for informational, academic, personal, and
professional needs.

Program Student Learning Outcomes

1) Use mathematical tools essential for analyzing quantitative problems and for producing solutions. (Theme: mathematical tools)

2) Apply advanced mathematical concepts and tools (algebra, calculus) essential in upper division academic work and/or workplace tasks. (Theme: advanced mathematical operations-algebra and calculus).

The purpose of Math 261 is to introduce the concepts of limit, continuity, derivative, and integral for functions in one variable. We consider polynomial, rational, and trigonometric functions. Many applications of differentiation and integration are also given. **At least, the first six chapters of the textbook will be covered.**

Schedule (Tentative):
Weeks 1-3: Chapters 1,2
 Q1, Q2(9/3, 9/9)
Test 1: Monday 9/16/2013

Weeks 4-6: Chapter 3
Q3, Q4(9/23, 9/30)
Test 2: Monday 10/7/2013

Weeks 7-9: Chapter 4
Q5, Q6(10/14, 10/21)
Test 3: Monday 10/28/2013

Weeks 10-12: Chapter 5
Q7, Q8(11/4, 11/12)
Test 4: Monday 11/18/2013

Weeks 13 & 14: Chapter 6
Q9, Q10(11/21, 11/27)
Test 5: Tuesday 12/3/2013

Week 15:   Review

Final Exam: Wednesday 12/14/2013; 8-10.