

**Course: MATH 121 MISSION COLLEGE Fall 2012**

Section Number: 0347 Place: CMS 022

10:40 AM- 12:05 PM; M/W

**Text:** Elementary Geometry for College Students by Alexander and Koeberlein; 5<sup>th</sup> edition

**Other required materials:** compass, protractor, straightedge (ruler)

**Math 121 Student Learning Outcomes:**

- Solve problems involving various geometric figures applying definitions, postulates and theorems.
- Use deductive reasoning to write proofs of theorems and corollaries.

**Instructor:** Sister Rita M Basta, BVM

**OFFICE HOURS:** Math Center : CMS 121

Wed: after class 12:10 – 12:50

Phone: 818-364-7600 ext: 4270; email: [ritabasta@gmail.com](mailto:ritabasta@gmail.com) or

[BastaRM@lamission.edu](mailto:BastaRM@lamission.edu)

**Tutoring:**

If you have questions and cannot make it to office hours, or you just like to get more help, free tutoring is available at the Math Center located in CMS 121

**GRADING**

- **HOMEWORK:** Homework will be collected and graded on a daily basis. Homework must be done in pencil and all work must be shown. Credit will not be given if only answers are shown. Either I randomly choose four problems to check or I look to see if all assigned problems were completed with work shown. One day late homework is half credit. Two day late homework is zero credit. Homework will equal about 12- 15 points per chapter (10% of the final grade).
- **TESTS:** There will be 5 tests given during class time each of which equals 100 points, a cumulative final exam which equals 200 points (25% of final grade), a homework grade, and an attendance grade.
- **ATTENDANCE:** is worth 34 points. Beginning Sept 10, each class period (excluding test days) that a student comes late, leaves early, or misses a class, 2 points will be deducted.

The final grade will be your total points divided by the highest total points that could be earned: tests (500 points), final (200 points), homework (about 84 points), attendance (34 points). Your final grade will be your total points divided by the highest total that could be earned. A = 90-100; B= 80-89; C=70-79; D=60-69; F=Below 60.

**THERE WILL BE NO MAKEUP EXAMS FOR THE IN CLASS TESTS but IF THERE IS SOME PROBLEM ABOUT THE DATE OF CLASS TEST, PLEASE SEE ME PERSONALLY OR CALL ME ON OR BEFORE DAY OF TEST AND CLEARLY EXPLAIN THE PROBLEM. Students who do not take an exam on the specified day (unless there is some extenuating circumstance explained to me prior to the test) will receive 0 points for that test.**

**TENTATIVE IN CLASS TEST DATES:** *(Calculators will not be used on tests unless specified)*

1.1-1.7; 2.1-2.4	September 17;
3.1-3.3; 5.1-5.5	October 10
2.5; 5.2; 4.1-4.4; 8.1-8.3	November 7
6.1-6.3; 8.4-8.5	November 21
9.1-9.4	December 5

**Constructions (using only a compass and straightedge) to be tested:**

Construct a line segment congruent to a given line segment

Bisecting a line segment

Constructing an angle congruent to a given angle

Bisecting an angle

Construct a line perpendicular to a given line at a specified point on the given line

Construct a line that is perpendicular to a given line from a point not on the given line

Use a protractor to measure an angle

***CUMULATIVE FINAL EXAM: WEDNESDAY, DECEMBER 12; 10:00 AM – 12:00 PM***

**IMPORTANT INFORMATION:**

- **The LAST DAY TO DROP WITHOUT A ‘W’ IS SEPT 7 (IN PERSON)/SEPT 9 (INTERNET)**  
***THIS IS THE SAME DAY AS THE LAST DAY TO ADD. IF YOU DROP AFTER THIS DAY, YOU WILL RECEIVE A ‘W’.***
- **STUDENTS ARE LIMITED TO THREE (3) ATTEMPTS AT PASSING A COURSE WITH A ‘C’ OR BETTER. THIS RULE IS RETROACTIVE. ANY LETTER GRADE OR ‘W’ COUNTS AS AN ATTEMPT.**  
***THIS MEANS THAT IF A STUDENT GOT A ‘W’ AND A ‘D’ IN MATH 121 SEVERAL YEARS AGO, S/HE HAS ONE MORE CHANCE TO PASS BEFORE S/HE IS PREVENTED FROM ENROLLING IN MATH 121 IN THE DISTRICT***

***Other Important Dates:***

***Last day to add September 7, 2012;***

***Last day to drop without receiving a “W” with refund (in person) Sept 7, 2012***

***Last day to drop with out receiving a “W” with refund (internet) Sept 9, 2012***

***Last day to drop without incurring fees or with a refund in person/internet Sept 10***

***Last day to dropwith “W” (letter grad required from this date forward) Nov 16 (person),18(internet)***