

Syllabus for MATH 102 (Projects-based Course)

Instructor:

Office:

Office Extension:

E-mail Address:

Math Department Secretary Extension:

Office Hours:

Course Goals To prepare students for other core science classes, to provide students with quantitative and analytical skills that will be useful in day-to-day living and some level of confidence in their ability to use those skills.

Required Textbook: *Using and Understanding Mathematics-A Quantitative Reasoning Approach* (third edition), by Bennett & Briggs, Pearson Education (Boston), 2005

Required Calculator: TI-30XA

Grading System:

- 4 or 5 Quizzes & homework - 15% of the grade
- Three in-class exams - 45% of the grade
- Labs - 10% of the grade
- Lab final - 5% of the grade
- Post test - 5% of the grade
- Group projects - 20% of the grade

Final Grade: The final grade will be calculated as follows:

Final score = (0.15) quiz grade + (0.15) exam-1 grade + (0.15) exam-2 grade + (0.15) exam-3 grade + (0.05) lab final grade + (0.05) posttest grade + (0.20) project grade. A score in the 90's will receive at least an A-, a score in the 80's will receive at least a B-, a score in the 70's will receive at least a C, and a score in the 60's will receive at least a D.

Attendance: Class attendance is required.

Homework: Homework assignments will be given and collected regularly. The use of homework as a factor in grade determination is at the discretion of the instructor.

Missed Exams: There is no makeup exam. If there is a valid reason for missing an exam, the instructor must be notified in writing.

Labs: The purpose of the lab periods is to allow you to learn about the use of spreadsheet programs in analyzing real problems. For most of the lab projects, you will have the opportunity to work with another student, while using a spreadsheet program. By doing so, you can learn from other students and gain from the experience of communicating your knowledge to others.

All of the lab periods this semester will be held in a computer lab (University Hall Room 2717).

Attendance and punctuality at each lab is required and the grade for each lab project will be based in part on participation in the project.

Academic Honesty: Academic dishonesty will be treated as an extremely serious matter, with serious consequences that range from receiving no credit for assignments/tests to expulsion. It is never permissible to turn in any work that has been copied from another student or copied from a source without properly acknowledging the source. It is your responsibility to make sure that your work meets the standard of academic honesty set forth in the Honor Code. See the section on "LMU Honor Code and Process" in the *Undergraduate Bulletin 2005-2006* pages 61 – 64.