

NEIU MATH113: Quantitative Reasoning

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Office Hours (Fall 2009):

- 8:30-9:00AM, MWF
- 10:30-11:AM, MWF
- 3:00-4:00PM, MW
- Also by appointment

Materials:

No mandatory materials for this course, though I suggest a USB Flash Drive that is 256MB or larger. (No text required)

Blackboard:

Enrollment in the companion Blackboard course is required. All assignments and activities will be posted there.

Course Goal:

The goal of this course is to gain a better understanding of mathematics and its re-application in decision making.

Evaluation:

90-100%	A
80-89%	B
70-79%	C
60-69%	D
0-60%	F

The final grade shall be determined by Attendance, the completion of homework “activities”, a midterm exam, and a final project. The grading distribution will be followed as shown below. All exams are closed book, closed notes, and closed friends.

Attendance and Participation:	10%
Activities/Assignments:	40%
Midterm:	20%
Final Project:	30%

Class participation is beneficial to all, not only will it help students better understand concepts; it may also provide the rest of the class with some insight. The lack of participation forces the instructor to assume that the students are fluent with the current

topic and may prompt the instructor to provide the class with an exam to increase both the mid-term exam count as well as the number of exams which will be counted for a grade. To prevent this, it is strongly encouraged that students come to class prepared: homework completed, texts read, and progress on current open assignments made.

Homework Activities/Assignments:

A majority of the classroom activities will be completed in small teams of 2-3 individuals. It is assumed that all team members are contributing equally toward the successful completion of each activity. For each activity, I expect to receive a written note that is signed from the team stating that each of the members contributed an equal amount or a written note that is signed stating that the workload was not balanced between team members.

These activities will be graded for both clarity in the written form and mathematical correctness.

Examination:

There is only one exam in this course, and there will not be a makeup-exam available. If you are unable to make it to the exam, you will receive a score of 0 (zero) unless you have a permission slip from your doctor or a written note from the dean. Should you receive an excused absence; the midterm grade will be a compilation of your activity score and your final project score.

Final Project:

Starting after the midterm, we will be working on group projects which will require both a paper and a presentation. Additional materials will be available in blackboard.

Classroom Policy:

Student conduct in the classroom shall meet college policy. Consequences of conduct not acceptable shall be in keeping with the college policy. This includes violations of academic misconduct. Please turn off cellular phones and pagers before entering the classroom.

Expectations:

Prepared attendance is a must: have homework completed by the beginning of class, have questions that have from home prepared. (Students **are** expected to do a considerable amount of work at home), and show up.

Topics Covered:

- Introduction To Basic MS Office Skills
- Percentages And Ratios
- Absolute And Relative Quantities And Relationships
- Creating And Interpreting Graphs
- Consumer Price Index (CPI) And The Value Of Money
- Basic Financial Management
- Correlation And Fallacies Of Causality