SYLLABUS (GENERAL)

MATHEMATICS 1030
Introduction to Quantitative Reasoning  (3 credits)


Prerequisites: C or better in Math 1010 (Intermediate Algebra), or at least score of 23 on the math portion of the ACT. This means that students should be able to manipulate variable expressions, work with simple linear equations and graphs, work with fractions and exponents, and know the basic properties of simple geometric shapes. (Note: Math 1030 does not satisfy a Math 1050 or Math 1090 prerequisite.)

Course: Math 1030 is an application-based course centered around the use of mathematics to model changes in the real world, and the effective communication of these mathematical ideas. The course is based on Chapters 1-4, 8,9, and Chapter 10 (sec. A). Students are expected to read each section that we cover.

Homework: Homework problems are assigned for each section. Homework will not be collected, but it is strongly recommended that students do these problems.

Quizzes: Approximately every 2 weeks there will be a quiz covering the material that we have done. The problems will be very similar to the text or examples that we have done in class; or the assigned suggested homework problems. No make-up quizzes will be given, but the lowest 2 quiz grades will be dropped at the end of the semester.

Project: Students will have 1 project to turn in. The project will be due towards the end of the semester. Exact date will be determined by the individual instructors and announced in class. Students will be given the list of topics approximately 5-6 weeks before the project is due, and will work in groups of about 3 students on a topic that the group selects. Instructors will discuss the format and expectations for this project before students start working on it. Late project will not be given full credit.

Exams: Students will have 2 exams (50 minutes each). Absence from an exam will be excused only if the student can provide verifiable and convincing evidence that he/she has a significant illness or serious family crisis that will prevent him/her from attending. Except under extremely unusual circumstances, the student must inform the instructor in advance of the missed test. The student is expected to promptly make arrangements with the instructor to make up the test.

Final Exam (comprehensive/departmental): Friday, December 17th, 3:30 – 5:30 pm.
Grading policy:
Your grade will be based on:
Quizzes                      20%
Project                      20%
Exams (2)                   30% (15% each)
Final exam                 30%

Calculators: Students will need a calculator for this course. A scientific calculator will be sufficient.

ADA Statement: The Americans with Disabilities Act requires that reasonable accommodations be provided for students with physical, cognitive, systemic learning, and psychiatric disabilities. The student needs to have such a disability approved by the Disability Service Office (162 UNION, 581-5020) in order to have the accommodations provided. The instructor need to be informed about such a disability and approved accommodations at the beginning of the semester.

Withdrawals: Students may withdraw from the class without consulting anyone until October 22nd (Friday). If a student withdraws before September 1st (Wednesday) there will not be any tuition penalty.

Tutoring: The Rushing Math Center offers free drop-in tutoring, a computer lab, and study areas for undergraduates. The Rushing Student Center is adjacent to the LCB and JWB. The hours for the Fall semester are: 8 am – 8 pm Monday-Thursday and 8 am – 6 pm on Friday. The tutoring center will open the second week of classes.