

Quantitative Problem Solving

BA 2110

Instructor: Roger Woods

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Class Time:

Section A Mon, Wed 9:35 – 10:50
 Section B Mon, Wed 2:05 – 3:20

Office hours

Monday 11-2:00
 Tuesday 8-10 p.m. on-line
 Wednesday 11-11:45 and 1:15-2:00
 By appointment (I am not on campus outside class and office hours)
 Room 129 Academic Services Building

Course Web page:

www.sbe.mtu.edu/rhwoods/ba2110.html

All homework assignments and there due dates can be found on this page. Check it regularly for changes.

Text

Spreadsheet Modeling and Decision Analysis, 4th Edition, Ragsdale

Course Objective

Develop an understanding of quantitative tools that are used in business decision making; provide the student with a working knowledge of how to recognize situations that can utilize these tools, determine the required data, formulate and solve a variety of problems. The concepts of linear programming, sensitivity analysis, transportation, assignment, network optimization, integer programming and queuing models will be investigated and discussed. Students should be able to determine which concept should be applied to a problem in order to create information that will lead to a business decision.

Grading Policy

	Number	Percent of total grade
Chapter Homework assignments	4	25%
Case Study	1	10%
Individual Homework problems	5	10%
Exams	2	50%
Attendance and Participation		5%

Calendar

The current class schedule can be found on the class website www.sbe.mtu.edu/rhwoods/ba2110.html and is subject to change (with advance warning.)

Grading system

Letter Grade	Percent	Grades will be rounded up if the grade falls into a range within .5 of the next letter grade. Example: a 92.67% will be an A.
A	93-100	
AB	88-92	
B	83-87	
BC	78-82	
C	73-77	
CD	68-72	
D	63-67	
F	0-62	

Attendance

The University attendance policy states:

“Students are expected to attend all classes, including recitation and laboratory sessions, beginning on the first day of regular instruction as stated in the University academic calendar. This date can be found in the Undergraduate Catalog and in the Time Schedule Booklets.”

Homework and Project Expectations

All assignments will be due by the start of class on the day that it is due. Late work will not be accepted unless discussed with the instructor before it is due.

Individual homework problems are to be done INDIVIDUALLY.

For chapter homework problems and the case study, students will be allowed to work in teams of up to three students. Each group must include the group member's names on the assignment in order for all members to get credit.

Academic dishonesty cases will be handled in accordance with the School of Business and the University's policies.

Clarification of dishonesty in this class:

Sharing of files among students currently in the class or previously enrolled in the class is prohibited. Individuals can ask previously enrolled students for direction or assistance, but you and your group must do the work. Discussion of problems will occur in the lab amongst currently enrolled students, but it must be your work that is turned in. Do not copy directly from another students screen or notes, both students will not receive credit for the work.

Special Consideration

If you have a disability that could affect your performance in this class or that requires an accommodation under the Americans with Disabilities Act, please see me as soon as possible so that we can make appropriate arrangements. The Affirmative Action Office has asked that you be made aware of the following:

MTU complies with all federal and state laws and regulations regarding discrimination, including the Americans with Disabilities Act of 1990 (ADA). If you have a disability and need a reasonable accommodation for equal access to education and services at MTU, please call Associate Dean of Students Gloria Melton at 487-2212. For other concerns about discrimination, you may contact your advisor, department head/chair, or the Affirmative Action Office at 487-3310.