

Course Syllabus

Course Information

OPRE 3333-502

Quantitative Business Analysis

Fall 2016Term

Friday 7:00PM to 9:45PM

JSOM 1.212

Professor Contact Information

Dr Walter Johnston

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JSOM 3.428

Hours by Appointment

Course Pre-requisites, Co-requisites, and/or Other Restrictions

Math 1314 or equivalent

Course Description

Introduction to optimization and decision analysis as they relate to managerial decision making. Topics include: matrix algebra, solution of linear equations, constrained optimization, linear programming, and decision trees. Emphasis on modeling and solving problems in Finance, Marketing, Accounting, and Operations Management.

Student Learning Objectives/Outcomes

Students are expected to master the materials and demonstrate this mastery through homework assignments and scheduled exams.

Required Textbooks and Materials

All course materials (handouts, example spreadsheets, and lecture videos) are provided through eLearning.

Suggested Course Materials

Quantitative Methods for Business, Management and Finance (3rd Edition), Swift and Piff, ISBN 978-0-230-21824-6

Assignments & Academic Calendar

(Topics, Reading Assignments, Due Dates, Exam Dates)

Homework assignments will be posted in eLearning a minimum of 1 week before due date and may be submitted multiple times. Only the last version of an homework assignment turned in before the due date will count toward the student's grade. Homework assignments comprise 20% of the final grade.

There will be 3 exams: 7 Oct 2016, 11 Nov 2016, and 2 Dec 2016. Only the 2 highest scores will be used to calculate the student's final grade. Letter grades will be posted at Mid-Term, after the 2nd Exam, and after the 3rd Exam..

Grading Policy

Homework assignments comprise 20% of the Final Grade (Points Received / Points Possible) and the 2 highest Exam percentages will be used to calculate the remaining 80%. Letter grades will be posted at Mid-Term, after the 2nd Exam, and after the 3rd Exam. All grades and grade components will be available through eLearning.

Grades cutoffs will be:

A+	A	B+	B	C+	C	D+	D	F
95	90	85	80	75	70	65	60	<60

Course & Instructor Policies

No make-up exams will be scheduled. All Exams will be administered in the UTD Testing Center (Basement of the UTD Library). Students may bring printed and/or electronic notes and will have access to MS EXCEL during exams. All exams will be 60 minutes long. Students will be allowed into the Testing Center 15 minutes before the scheduled start of class to begin and may start their exam up to 30 minutes after the scheduled start of class.

Class attendance is not required. Students are expected to access and review the online materials and to be prepared to discuss the materials in class.

All persons in the class are expected to behave in a civil and respectful manner.

Comet Creed

This creed was voted on by the UT Dallas student body in 2014. It is a standard that Comets choose to live by and encourage others to do the same:

“As a Comet, I pledge honesty, integrity, and service in all that I do.”

UT Dallas Syllabus Policies and Procedures

The information contained in the following link constitutes the University's policies and procedures segment of the course syllabus.

Please go to <http://go.utdallas.edu/syllabus-policies> for these policies.

The descriptions and timelines contained in this syllabus are subject to change at the discretion of the Professor.