

Spring 2-1-2004

BADM 270.02: Quantitative Business Applications

Ryan Wright

University of Montana, Missoula

Let us know how access to this document benefits you.

Follow this and additional works at: <https://scholarworks.umt.edu/syllabi>

Recommended Citation

Wright, Ryan, "BADM 270.02: Quantitative Business Applications" (2004). *Syllabi*. 9373.
<https://scholarworks.umt.edu/syllabi/9373>

This Syllabus is brought to you for free and open access by the Course Syllabi at ScholarWorks at University of Montana. It has been accepted for inclusion in Syllabi by an authorized administrator of ScholarWorks at University of Montana. For more information, please contact scholarworks@mso.umt.edu.

BADM 270: Quantitative Business Applications Spring 2004

Instructor: Ryan Wright
 Office: GBB 338
 Office Phone: 243- 2817
 Email: ryan.wright@business.umt.edu
 Web: www.business.umt.edu/faculty/wright

Office Hours MWF 10AM – 11AM

Prerequisites: CS 172, MATH 241

Required: **Business Administration 270 Custom Text**; Selected Material from Contemporary Business Statistics with Microsoft Excel by Anderson, Sweeney and Williams AND Contemporary Management Science with Spreadsheets by Anderson, Sweeney and Williams

Email address
 Access to Excel version 97 and above
 Floppy Disk

Course Outline: The purpose of this course is twofold - first, to learn how to apply quantitative methods to business problems, and second, to become very proficient in creating and using Excel spreadsheets. The quantitative methods include descriptive statistics, probability distributions, hypothesis testing, linear programming, and simulation.

Grading: This is a Pass/No Pass Class

	Possible Points	Percentages
Lab Tests (3@50):	150	43%
Class Attendance (30@1):	30	8%
Homework(8@5):	40	11%
Final	50	14%
Web Assignment	30	8%
Paper	50	14%
Class Presentations:	Extra Credit	
Total	350	

Point Needed to Pass: 235

Important Notes: Any form of cheating on any test WILL result in a failing grade
 There are NO make-up tests

Suggestions:

1. Read the Chapters before Class
2. Don't take many notes in class (all the materials are in the text).
3. Do ask many questions in class.
4. Read the chapters again after class.
5. Work on the problems before the lab sessions.
6. Feel free to work together.
7. Don't copy or memorize.
8. Be prepared to present your solutions in class.
9. If you need help, email me by stop by my office.
10. Know how to download, and save test before the test.
11. Plan to spend a lot of time at the computer.

Class Schedule (Tentative)

Date	Day	Class	Attend	Chapter
26-Jan	Mon	Lecture	1	Introduction
28-Jan	Wed	Lecture	1	Ch 1: Descriptive Stats
30-Jan	Fri	Lab		
2-Feb	Mon	Present	1	
4-Feb	Wed	Lecture	1	Ch 2: Descriptive Stats
6-Feb	Fri	Lecture	1	
9-Feb	Mon	Lab		
11-Feb	Wed	Present	1	
13-Feb	Fri	Exam #1		Chapter 1 & 2
16-Feb	Mon	OFF		Washington-Lincoln Day
18-Feb	Wed	Lecture	1	Decisions in Business
20-Feb	Fri	Lecture	1	Decisions in Business
23-Feb	Mon	Lecture	1	Decisions in Business
25-Feb	Wed	Lecture	1	Ch 3: Hypothesis Testing
27-Feb	Fri	Lecture	1	Ch 3: Hypothesis Testing
1-Mar	Mon	Lab		
3-Mar	Wed	Present		
5-Mar	Fri	Lecture	1	Ch 4: Multiple Regression
8-Mar	Mon	Lecture	1	Ch 4: Multiple Regression
10-Mar	Wed	Lab		
12-Mar	Fri	Present	1	
15-Mar	Mon	Review	1	
17-Mar	Wed	Exam #2		Chapter 3 & 4
19-Mar	Fri	Lecture	1	Web Design
22-Mar	Mon	Lecture	1	Web Design
24-Mar	Wed	Lab	1	
26-Mar	Fri	Lab	1	
29-Mar	Mon	OFF		SPRING BREAK
31-Mar	Wed	OFF		SPRING BREAK

2-Apr	Fri	OFF		SPRING BREAK
5-Apr	Mon	Lecture	1	Ch 5: Linear Programming
7-Apr	Wed	Lecture	1	
9-Apr	Fri	Lab		
12-Apr	Mon	Present	1	
14-Apr	Wed	Lecture	1	Ch 5a: Sensitivity Analysis
16-Apr	Fri	Lab		
19-Apr	Mon	Present	1	
21-Apr	Wed	Lecture	1	Ch 6: Simulation
23-Apr	Fri	Lecture	1	Ch 6: Simulation
26-Apr	Mon	Lab		
28-Apr	Wed	Present	1	
30-Apr	Fri	Review	1	
3-May	Mon	Exam #3		Chapter 5 & 6
5-May	Wed	Review	1	
7-May	Fri	Review	1	
10-May	Mon	Sec 1	FINAL	10:10 - 12:10 in L26
10-May	Tue	Sec 2	FINAL	10:10 - 12:10 in L26