Fall 9-1-2001

# BADM 270.02: Quantitative Business Applications

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# BADM 270: Quantitative Business Applications

Instructor: 

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Office Hours: MWF 10:00 – 11:00 or TT 2:00 – 3:00pm
Appointments are encouraged

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, 2000, or 2001

Course Description: 

The purpose of this course is two fold. First, the student will learn how to apply quantitative methods to business problems. Second, the student will become proficient in creating and using Excel spreadsheets. The quantitative methods include statistics (descriptive, probability distributions, sampling, and regression), decision analysis, simulation, and linear programming.

Grading: 

This is a Pass/No Pass Class

|  | Possible Points | Percentages |
|---|---|---|
| Lab Tests (4@40): | 140 | 67% |
| Class Attendance (30@1.5): | 45 | 21% |
| Web Project (1@25): | 25 | 12% |
| Class Presentations: | Extra Credit | |
| Total | 230 | |
| | | |
| Point Needed to Pass: | 140 | |

Important Notes: 

Any form of cheating on any test WILL result in a failing grade
There are NO make-up tests
Last day to drop is

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

| Date | Day | Class | Points | Chapter |
|------|-----|-------|--------|---------|
| 5-Sep | Wed | Lecture | | Introduction |
| 7-Sep | Fri | Lecture | 1.5 | Chapter 2 from Bus Stats |
| 10-Sep | Mon | Lecture | 1.5 | |
| 12-Sep | Wed | Lab | | |
| 14-Sep | Fri | Lecture | 1.5 | Web Design |
| 17-Sep | Mon | Present | 1.5 | |
| 19-Sep | Wed | Lecture | 1.5 | Chapter 3 from Bus Stats |
| 21-Sep | Fri | Lecture | 1.5 | |
| 24-Sep | Mon | Lab | | |
| 26-Sep | Wed | Present | 1.5 | |
| 28-Sep | Fri | Review | 1.5 | |
| 1-Oct | Mon | Test 1 | 40 | Chapter 2, 3 |
| 3-Oct | Wed | Lecture | 1.5 | Web Design |
| 5-Oct | Fri | Lecture | 1.5 | |
| 8-Oct | Mon | Lab | | |
| 10-Oct | Wed | Lab | | |
| 12-Oct | Fri | Lecture | 25, 1.5 | Web Projects Due, Ch 6 from Bus Stats |
| 15-Oct | Mon | Lecture | 1.5 | |
| 17-Oct | Wed | Lab | | |
| 19-Oct | Fri | Present | 1.5 | |
| 22-Oct | Mon | Lecture | 1.5 | Ch 9 from Bus Stats |
| 24-Oct | Wed | Lecture | 1.5 | |
| 26-Oct | Fri | Lab | | |
| 29-Oct | Mon | Present | 1.5 | |
| 31-Oct | Wed | Review | 1.5 | |
| 2-Nov | Fri | Test 2 | 40 | Ch. 6 & 9 |
| 5-Nov | Mon | Review | 1.5 | |
| 7-Nov | Wed | Lecture | 1.5 | Ch 2 from Man Science |
| 9-Nov | Fri | Lecture | 1.5 | |
| 12-Nov | Mon | Lab | | |
| 14-Nov | Wed | Present | 1.5 | |
| 16-Nov | Fri | Lecture | 1.5 | Ch 3 from Man Science |
| 19-Nov | Mon | Lecture | 1.5 | |
| 21-Nov | Wed | Lab | | |
| 23-Nov | Fri | Present | 1.5 | |
| 26-Nov | Mon | Review | 1.5 | |
| 28-Nov | Wed | Test 3 | 40 | Ch 2 & 3 |
| 30-Nov | Fri | Review | 1.5 | |

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|---|---|---|---|---|
| 3-Dec | Mon | Lecture | 1.5 | Ch 8 |
| 5-Dec | Wed | Lecture | 1.5 | |
| 7-Dec | Fri | Lab | | |
| 10-Dec | Mon | Present | 1.5 | |
| 12-Dec | Wed | Review | 1.5 | |
| 14-Dec | Fri | Test 4 | 40 | Ch 8 |
| 20,21-Dec | | Review | | |