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BADM 341.03: Systems and Operations

Cameron Lawrence

University of Montana - Missoula

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BADM 341 - Systems and Operations Spring 2003

Instructor: Cameron Lawrence
Phone: 243-6739
Office: GBB 377
Email: cameron.lawrence@business.umt.edu
Website: www.business.umt.edu/faculty/lawrence
Office Hours: TTH 1:00-2:00 or by appointment

Required Text: *Operations Management Strategy and Analysis 6th Edition*, by Lee J. Krajewski and Larry P. Ritzman

Course Description: The aim of this course is to integrate the conceptual fields of systems analysis and operations management for the purpose of providing students with a sophisticated view of the interrelationship between the various functional areas of the firm and technology. During the term we will examine the application of various technologies and quantitative models to specific business problems as well as the challenges associated with aligning technology with business strategy.

Objectives:

By the conclusion of the course students should understand:

- ? **The complementary roles of systems and operations management in organizational life**
- ? **The importance of aligning technology with strategy**
- ? **The elements of process management**
- ? **The role of technology in the firm and the challenges associated with managing technology**
- ? **The principles that underpin Total Quality Management**
- ? **The tools provided by Statistical Process Control**
- ? **Supply Chain Management**
- ? **Business Forecasting**
- ? **Inventory Management**
- ? **The elements of effective Resource Planning and allocation**

Grading:

3 Exams = 80% of final grade
Attendance = 20% of final grade
Extra credit (oral presentation)

* Make-up exams will ONLY be given for students who can provide documentation of illness or extenuating circumstances. A make-up exam must be completed within one

week of the scheduled date for the exam that was missed. The final exam does not qualify for this policy, and must be taken for successful completion of the course. Please notify the instructor immediately if you must miss an exam.

****The opportunity to give an oral presentation will generally be given on Tuesday. This will be the only chance for extra credit and students are strongly encouraged to take advantage of this opportunity.**

Plagiarism Warning: (University of Montana Catalog P. 22 of the 2002-2003)

“Plagiarism is the representing of another’s work as one’s own. It is a particularly intolerable offense in the academic community and is strictly forbidden. Students who plagiarize may fail the course and be remanded to Academic Court for possible suspension or expulsion.”

Tentative Course Outline

Date	Topic	Chapter Reading Assignment
Jan 28	Introduction	
Jan 30	Ops as a competitive weapon	Chapter 1
Feb 4	Ops as a competitive weapon	Chapter 1
Feb 6	Operations Strategy	Chapter 2
Feb 11	Operations Strategy	Chapter 2
Feb 13	Process Management	Chapter 3
Feb 18	Process Management	Chapter 3
Feb 20	Managing Project Processes	Chapter 4
Feb 25	Managing Project Processes	Chapter 4
Feb 27	Exam Review	Chapters 1-4
Mar 4	Exam 1	Chapters 1-4
Mar 6	Managing Technology	Chapter 5
Mar 11	Managing Technology	Chapter 5
Mar 13	TQM	Chapter 6
Mar 18	TQM	Chapter 6
Mar 20	Statistical Process Control (Class will be held in L09)	Chapter 7

Mar 25	Spring Break	
Mar 27	Spring Break	
Apr 1	Statistical Process Control	Chapter 7
Apr 3	Exam Review Chapters 5-7	
Apr 8	Exam 2	Chapters 5-7
Apr 10	Supply Chain Management	Chapter 11
Apr 15	Supply Chain Management	Chapter 11
Apr 17	Forecasting	Chapter 12
Apr 22	Forecasting	Chapter 12
Apr 24	Inventory Management	Chapter 13
Apr 29	Inventory Management	Chapter 13
May 1	Resource Planning (Class will be held in L09)	Chapter 15
May 6	Resource Planning	Chapter 15
May 8	Exam Review	
May 12	Section 04 Final Exam 8:00 a.m. -10:00 a.m. Location TBA	Chapters 11,12 and 15
May 15	Section 03 Final Exam 8:00 a.m. -10:00 a.m. Location TBA	Chapters 11,12 and 15

Tips for succeeding in BADM 341

- 1) Don't miss class!!!!**
- 2) Do all of the homework problems to the best of your ability. Come to class prepared to ask questions regarding the material you are having difficulty with.**
- 3) Prior to the exams be sure to understand every homework problem thoroughly.**
- 4) Prior to the exams be sure to review your notes and the chapter readings carefully.**