

9-2002

BADM 341.04: Systems and Operations

Robin Moeur

University of Montana - Missoula

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Recommended Citation

Moeur, Robin, "BADM 341.04: Systems and Operations" (2002). *Syllabi*. 2519.
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Home: Faculty & Staff: Last Name: Course number: Syllabus

Fall 2002



Instructor: Robin Moeur

Email: robin.moeur@business.umt.edu

Office Hours: Tuesday & Thursday 3:00 p.m. - 4:30 p.m.

Meeting Time: Section 3 - Tues/Thurs 9:40 a.m. - 11:00 a.m.

Section 4 - Tues/Thurs 11:10 a.m. - 12:30 p.m.

Section 5 - Tues/Thurs 12:40 p.m. - 2:00 p.m.

Meeting Place: Section 3 - GBB L14

Section 4 - GBB L14

Section 5 - GBB 108

Course Description:

BADM 341 integrates the fundamentals of information systems and business operations management. This course explores the basics of (and relationship between) operations management and information systems that are necessary to effectively enable business processes and connect them throughout the enterprise. During this semester we will look at the use of information systems technology for strategic advantage in enabling business processes and operational activities to gain a competitive advantage. In addition, the course explores tools and concepts for measurement of operations and analysis of effectiveness, efficiency and quality.

Course Goals:

At the completion of this course, the student should be able to:

- Identify, understand and document fundamental business processes in an enterprise, and the corresponding flow of data/information

- Determine the IS requirements for business operations (enabling processes)
- Leverage project management tools (MSProject)
- Understand material requirements planning (MRP and ERP)
- Understand inventory control systems
- Identify an organizations supply chain
- Apply total quality management principles
- Understand Just in Time systems in business operations
- Understand forecasting and scheduling in business operations

Evaluation:

Eighty percent of each student's grade will come from the exams and final. Each student may drop his/her single lowest score (or missed exam).

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 remaining twenty percent of the course semester grade will consist of the average scores from projects in the lab, exercises and cases.

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