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BADM 341.02: Systems and Operations

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Instructor: Robin Moeur

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Office Hours: Daily noon - 1:30 p.m. or by appointment

Meeting Time: Section 1 - Mon/Wed/Fri 9:10 - 10:00 a.m.

Section 2 - Mon/Wed/Fri 10:10 - 11:00 a.m.

Meeting Place: Lectures in L14, Labs in L26

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 (Visio)
- ? 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 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.