

INFORMATION MANAGEMENT (MIM)

MIM 502 Business Process Integration Credits: 3

Typically Offered: Departmental Discretion.

Course Description: This course will examine how business processes are integrated in SAP. After looking at Enterprise Systems, processes including Financial Accounting, Cost Accounting, Procurement, Sales, Production and Planning, Warehouse Management, and Material Planning will be discussed and explored in SAP. For each module, the organizational data needed, master data necessary, key concepts, business processes, and reporting are the main chapter topics. How the modules are integrated in SAP is discussed.

MIM 603 SDLC Analysis and Design Credits: 3

Typically Offered: Fall.

Course Description: This course provides a detailed examination of systems analysis and design. Emphasis is placed on the Systems Development Life Cycle (SDLC) tools and techniques that a project leader and systems analyst would use to analyze, design, and document an information system including an Enterprise Applications implementation with different approaches. The course will also emphasize the importance of various skills, which the systems analyst should possess, including: communication, problem solving and risk assessment. Team-oriented projects and cases are utilized to aid in understanding how systems concepts are developed in the business world.

MIM 613 ERP Fundamentals Credits: 3

Typically Offered: Fall.

Course Description: Basic understanding of business process through both discussion and hands on activities in ERP software. Concepts discussed to include why a company would implement ERP software, what it means to a company to implement ERP, change management, successes and failures will both be discussed. Students will use ERP software in basic business processes including sales, procurement, and production.

MIM 623 ERP Configuration Credits: 3

Typically Offered: Spring.

Course Description: Configuration using ERP software. Configuration is discussed in this course. Students setup their own organizational structures for their company and then test their companies through completing basic business processes. An added dimension includes integrating companies together to complete business processes.
Prerequisite(s): MIM 613.

MIM 633 Business Intelligence and Analytics Credits: 3

Typically Offered: Spring.

Course Description: The focus on this course is on analyzing data by utilizing techniques such as building data cubes and data mining to perform predictive analysis to answer the question why did something happen and what will happen if it continues to happen in the future. Databases and spreadsheet skills will be utilized in this course.

MIM 643 Supply Chain and Customer Relationship Management

Credits: 3

Typically Offered: Fall.

Course Description: APICS Standard Planning Framework is discussed and then applied with Enterprise Applications (EA) software. Time series forecasting, sales and operations planning, master scheduling, material requirements planning, capacity planning, and the purchasing cycle are covered in the course. Customer Relationship Management concepts are discussed and then applied with EA software.

MIM 653 Systems Project Management Credits: 3

Typically Offered: Fall.

Course Description: This course will present project management techniques, potential problems, and overall decision-making associated with the System Development Life Cycle (SDLC) and software development projects. Specific topics will address planning, organizing, scheduling, and controlling information technology projects, current tools and techniques, and the roles and responsibilities of project managers. SAP project management software will be used.

MIM 663 e-Commerce and Mobile Platforms Credits: 3

Typically Offered: Fall.

Course Description: This course explores the role of information and communication technology in the conduct of business activities via the Internet and mobile technologies. **Prerequisite(s):** Credit or concurrent enrollment in MIM 613.

MIM 673 EA Technology Credits: 3

Typically Offered: Spring (even-numbered years).

Course Description: Technology utilized in the behind the scenes applications of Enterprise Technologies will be explored in this course. The rapidly changing topics will include areas such as system security and documenting and customizing modules properly so that enhancements can be applied in a timely fashion. **Prerequisite(s):** MIM 633.

MIM 680 Internship Experience Credits: 1-6

Typically Offered: Departmental Discretion.

Course Description: Internship experience in industry to supplement the MIM curriculum. This course does not count toward the MIM degree requirements. May be repeated for credit.

MIM 683 Strategic Information Systems Credits: 3

Typically Offered: Spring (odd-numbered years).

Course Description: A high level approach will be utilized in this course to examine how information systems in general and ERP systems in particular are strategic information systems. Cases and industry contacts will be utilized to examine how different companies have had both successes and eventual successes with their implementations.

MIM 692 Special Topics in ERP Credits: 3

Typically Offered: Departmental Discretion.

Course Description: As Enterprise Applications special topics are developed, they can be taught under this course so that we can be agile and offer the material as soon as possible.

MIM 693 SAP TERP 10 Certification Credits: 3

Typically Offered: Summer.

Course Description: The objective of this course is to prepare students to take the TERP 10 certification exam offered by SAP. Emphasis is placed on data needs and understanding complex organizational structures.

Note: This is a course that is dictated by SAP as to how it is offered. It is offered two weeks; Monday through Friday from 8:00 to 5:00 with the 3 hour certification exam given the last Friday in the morning. Materials are provided in paper form only from SAP to be copied at the students' expense. Students also pay for the exam; approximately \$300.00.

Prerequisite(s): MIM 623.