

MIT 201/Information Systems: Concepts and Applications **.5 course unit**

(fall, spring)

Prerequisite: Sophomore standing

Provides students with a fundamental understanding of information technology in contemporary business environments. In this half course, students will study essential information systems found in current and emerging business models. Discussion will focus on information technology, contemporary decision support tools, and standards of behavior required of professionals working with information and information technology. This class uses a combination of lecture (50%) and lab experiences (50%) to explore current trends in information technology. Students will learn about technology and its impact on the business through readings from books, RSS feeds and other published work in a team and individual environment to solve business problems using decision support systems with MS Excel.

MIT 310/Business Information Systems and Technology **1 course unit**

(every semester)

Prerequisite: MIT 201

Engages students in the study of information systems, technology, and business application software. Focus on business and managerial applications, includes various experiential learning activities including team work projects, learning modules, cases studies, and computer lab assignments.

MIT 320/Database Management for Business **1 course unit**

(every semester)

Prerequisite: MIT 201

Contemporary approaches to database management including the relational models will be thoroughly studied both as to their current use in organizations as well as their contrasts to legacy approaches that include the hierarchical and network models. An examination of current database environments will show how information processing is currently done by integrating business functional-area data processing as opposed to legacy approaches that are now referred to as traditional file processing environments. Students will gain a broad and in-depth understanding of the database development process which involves conceptual data modeling, logical database design, physical database design, database implementation, database maintenance, and database administration. Students will also understand the congruency of the database development process and the more-encompassing, systems development cycle.

MIT 330/Managing Projects and Work Teams **1 course unit**

(occasionally)

Prerequisite: Junior standing

Managing Projects and Work Teams engages students in the study of project management concepts, principles, tools, and techniques. With a focus on business and managerial cases, Managing Projects and Work Teams enables students to gain real-time experience in the challenges of creating a unified team, solving problems, decision making, tracking projects, dealing with conflict resolution, preparing project deliverables, and presenting team projects and reports to the class.

MIT 370/Selected Topics in Management of Information Technology **1 course unit**

(occasionally)

Note: Each time this course is offered, the specific topic and course prerequisites will be announced.

An opportunity to pursue, in a structured setting, a topic of current interest or specialized focus not available in scheduled business courses. (Course context will vary; course may only be taken for credit twice.)

MIT 391/Independent Study in Management of Information Technology **variable course units**

Prerequisites: Permission of instructor and department chair

An opportunity to engage in individual or small-group directed readings or study, not otherwise available in the curriculum, under the supervision of a faculty advisor. Student must have a minimum grade point average of 2.5.

MIT 393/Independent Research in Management of Information Technology variable course units

Prerequisites: Permission of instructor and department chair

An opportunity to engage in individual or small-group projects or studies, not otherwise available in the curriculum, under the supervision of a faculty advisor. The experience should result in a paper which is either published or formally presented. Student must have a minimum grade point average of 2.5.

MIT 400/Seminar in Managing Technology

1 course unit

(occasionally)

Group II

Prerequisites: Senior standing and one from MIT 310, MIT 320, CSC 215 or CSC 220

Seminar in Managing Technology engages students in the exploration of contemporary, and sometimes controversial, issues in the information technology field. Students will investigate current technological trends that shape the business environment and influence the way we work, communicate, and manage both people and tasks. Students will gain insights into the issues facing managers working in the 21st century by reading current literature, participating in discussions and writing papers on topics relative to the intersection of management and technology.