

Proposal:**Information Technology Executive Specialization / Master of Information Technology & Management
I.T. at C-Level: Course Descriptions****ITMM 572 Process Engineering for Information Technology Managers**

This course will provide students with the knowledge and skills to define, model, measure and improve business processes. The course will focus on re-engineering processes through the application of technology to achieve significant and measurable improvement. The course will explore the latest industry standards and students will use state-of-the-art software tools for hands-on experiential learning.

ITMM 574 Information Technology Management Frameworks

This course will examine the application of industry standard frameworks to the management of information technology infrastructure, development and operations. Frameworks including the Information Technology Infrastructure Library (ITIL), Control Objectives for Information and related Technology (COBIT), and others will be covered. Students will learn to use these frameworks to tailor a set of concepts and policies to necessary manage information technology in a specific enterprise.

ITMM 577 Case Studies in Management of Information Technology

This course examines approaches and models for the management of information technology at an enterprise level through the use of case studies in the field.

ITMM 581 Information Technology Entrepreneurship

This course prepares students to become leaders in information technology and to build IT companies. Students design and develop a prototype information technology product and prepare a business plan and venture proposal presentation.

ITMM 582 Business Innovation

This course is designed to teach innovative thinking through theory, methods, and practice of innovation. The course incorporates Einstein's thinking and Edison's methods to establish the innovation process that can be applied in current business environment. Current economic conditions and global sourcing requires that innovation becomes a leading tool for developing a competitive edge. Innovation has been considered a competency of educated design engineering, and of a selected few employees, and that has become insufficient today. Corporations and organizations need innovation to develop customer-specific solutions in almost real time.

ITMM 584 Information Technology at C-Level

The issues, competencies, challenges and rewards of managing information technology in major enterprises at the Chief Information Officer/Chief Technology Officer level are examined in depth. The course will equip students with a fundamental awareness of what the enterprise and the profession expects from the highest levels of IT management. Readings, case studies and guided discussions will be supplemented by a series of guest lectures from—and discussions with—Chicago-area technology professionals currently employed in these roles.

ITMM 585 Legal and Ethical Issues in Information Technology

Examination of ethical issues including privacy, system abuse, and ethical practices in information technology equip students to make sound ethical choices and resolve legal and moral issues that arise in information technology. Current legal issues in information technology are addressed including elements of contracting, payment systems and digital signatures, privacy concerns, intellectual property, business torts and criminal liability including hacking, computer trespass and fraud.

ITMS 578 Cyber Security Management

In-depth examination of topics in the management of information technology security including access control systems & methodology, business continuity & disaster recovery planning, legal issues in information system security, ethics, computer operations security, physical security and security architecture & models using current standards and models.

INTM 508 Cost Management

This course introduces accounting information used for decision-making within a business enterprise. Financial reporting, financial terminology, and the three major financial statements are reviewed. Product costing, short-term and long-term decision-making, budgeting, control of operations, and performance evaluations are covered as are cost-volume-profit relationships, relevant costs, flexible budgets, and standard costs.