Graduate Certificate in Management and Leadership

What is it?

The Department of Business and Information Technology created the certificate in order to better enable students to manage through the use of technology. Understanding technology is becoming ever more critical in business as a tool used by efficient and effective managers. These leaders not only understand the managerial process and how to inspire others as a true leader, but also how to harness technology to expedite the process.

The Graduate Certificate in Management and Leadership is designed to prepare students to be the leaders of the future. It does so by incorporating management theories, technological savvy and leadership skills to create a student who is ready for the challenges of a face paced managerial position.

When are the classes offered?

Required Core Course:

BUS 6121 (421) Teambuilding and Leadership

Choose three of the following as elective courses:

BUS 5580 (380) Strategic Management
IST 5251 (351) Technological Innovation Management and Leadership
IST 6261 (461) Advanced Information Systems Project Management
BUS 311 Business Negotiations
IST 6150 (450) Advanced Customer Focus and Satisfaction
IST/PHILOS 5168 (368) Law and Ethics in E-Commerce

EMGT 5320 (361) Project Management

MKT 6150 (450) Advanced Customer Focus and Satisfaction

IST 6261 (461) Advanced Information Systems Project Management

How do I apply?

The graduate certificate program is open to all individuals holding a BS, MS or PhD degree in areas such as business, social sciences, technology, engineering, or related disciplines. In order to receive a Graduate Certificate, the student must have an average graduate cumulative grade point of 3.0 or better on a 4.0 scale in the certificate courses taken. Students admitted only to the certificate program will have non-degree graduate status but will earn graduate credit for the courses they complete. If the four-course sequence approved by the graduate advisor is completed with a grade of B or better in each of the courses taken, the student will, upon application, be admitted to the Master of Business Administration or to the Master of Science in Information Science and Technology. The certificate courses taken by students admitted to the program will count towards the MBA program or the M.S. in Information Science and Technology degree program. Once admitted to the Certificate program, a student will be given three years to complete the program as long as a B or better average is maintained in the courses taken.

Who do I contact for more information?
Department of Business & Information Technology
573-341-7216 (phone)
573-341-4812 (fax)
bit@mst.edu
Corse Descriptions *(Most courses are offered both in class and via distance)*

**Required Core Course:**

BUS 421/6121: Teambuilding and Leadership (Campus/Distance)
This class will teach students how to work well in teams and lead teams and organizations. Management, networking, presentation skills, and sustainable business practices will be covered. MBA core.

**Elective Courses (Choose three):**

BUS 380/5580 - Strategic Management (Campus)
Study of the formulation and implementation of corporate, business and functional strategies designed to achieve organizational objectives. Case studies and research reports may be used extensively. Prerequisites: MKT 3110 or Eng Mgt 3510; Finance 2150 or Eng Mgt 3200

IST 351/5251: Technological Innovation Management and Leadership (Campus/Distance)
The course focuses on the knowledge and skills necessary for the development and implementation of effective strategies for the management of technology-based organizations. This involves: developing a general management perspective on technology and innovation, examining the problems of new product development, identifying distinctive technological competencies, licensing and marketing technologies, assessing the organizational and industrial context of technology. Prerequisite: Senior or Graduate Standing.

IST 461/6261 - Advanced Information Systems Project Management (Campus/Distance)
Project management principles, first from a general perspective, and then focused specifically on information system application development are explored. Topics include requirements analysis, project scheduling, risk management, quality assurance, testing, and team coordination. Report writing and research literature searches are required. Prerequisite: IST MS Entrance requirements, with strong programming knowledge.

IST 368/Philosophy 368/5168 – Law and Ethics in E-Commerce (Campus/Distance)
Provides the ethical framework to analyze the ethical, legal, and social issues that arise for citizens and computer professionals regarding the computerization of society. Topics include: free speech, privacy, intellectual property, product liability, and professional responsibility.

BUS 311/3110 - Business Negotiations (Campus/Distance)
The purpose of this course is to understand the practices and processes of negotiation so that you can negotiate successfully in a variety of settings. The course is designed to be relevant to the broad spectrum of negotiation problems faced by managers, consultants, etc. Because almost everyone negotiates all the time, this course is relevant to almost any student. Prerequisite: Upperclassmen or graduate status.

MKT 450/6150 - Advanced Customer Focus and Satisfaction (Campus/Distance)
Major emphasis is given to the concept of customer focus, with coverage of techniques for obtaining customer needs, measuring customer satisfaction, developing products and services to satisfy customers, and maximizing the benefits of customer feedback. Individual focused research is included. Prerequisite: MKT 3110 or MKT 3105 or Eng Mgt 3510 (Co-listed with BUS 6150)

BUS 370/5470 - Human Resource Management (Campus/Distance)
The course examines employee selection, performance appraisal, training and development, compensation, legal issues, and labor relations. Prerequisite: Bus 1110.

EMGT 361/5320 – Project Management (Campus/Distance)
Organization structure and staffing; motivation, authority and influence; conflict management; project planning; network systems; pricing, estimating, and cost control; proposal preparation; project information systems; international project management. Prerequisite: Graduate Standing.