

ITM - Information Technology Management

ITM 5000 Information Technology Management: Overview (3)

This overview course presents a managerial and technical perspective that considers the application and management of information and communications technology in business and other types of organizations. The course includes an overview of all the core courses in the ITM curriculum. This course is a **Prerequisite** for all other courses in the program.

ITM 5100 Information and Communications Systems and Networks (3)

This course introduces students to the technical aspects of information and communications networks and technology. The course focuses on the interdependencies among information and communications technologies and architectures. Emphasis will be placed on the fundamentals of networks (LAN and WAN).

ITM 5200 Project Management of Information Technology (3)

This course introduces students to the procedures, tools, and techniques used in planning and managing major IT projects. Issues covered include definition, planning, implementation, control and evaluation of the project. The course also focuses on developing the manager's ability to organize and lead project teams, and conflict resolution. NOTE: BUSN 6110 - Operations and Project Management is NOT an acceptable substitute for this course.

ITM 5300 Procurement and Contract Management for Information Technology (3)

This course covers the basic concepts and practices in procurement and contract management, not from a strict legal approach, but rather in a manner that equips a student with the skills and knowledge necessary to negotiate and manage the procurement of information and communications technology, armed with an understanding of the critical issues.

As part of our shared commitment to our student success as they enter the workforce, Webster's Information Technology Management considers and uses NCMA's ANSI-Approved Contract Management Standard™ as the basis of its program and course curricula and is committed to driving student success through its instruction of the phases, domains, competencies and skills that are common across the contract management profession. Through its alignment with the CMS, ITM 5300 prepares students for NCMA's CCMA certification which demonstrates proficiency in the CMS and is a strong steppingstone into the contract management profession.

ITM 5400 Systems Analysis, Design, and Implementation (3)

This course covers the spectrum of activities in information systems life cycle management. The life cycle from the feasibility study through implementation and maintenance is examined. The course includes examination of structured analysis and design, prototyping, procurement and conversion methods. The roles and responsibilities of various personnel involved, as well as the communication and documentation tools and techniques employed, are studied.

ITM 5600 Information and Communications Security (3)

This course focuses on the analysis and management of information and information systems security including processes, technology, and facilities.

ITM 5900 Issues in Information Technology Management (3)

Current and significant issues in information technology management are examined. The course focuses on existing theories and practices with emphasis given to new and emerging topics in the field. May be repeated for credit if content differs.

ITM 6000 Final Project in Information Technology Management (3)

This capstone project course is designed to give students the opportunity to synthesize, integrate, and apply the technical and management knowledge and skills acquired in other courses in the information technology management curriculum. Techniques used to accomplish these goals may vary. **Prerequisite:** Completion of all other required courses in this major.

ITM 9950 Travel Course-Issues in Information Technology Management (3)

Current and significant issues in information technology management are examined. The course focuses on existing theories and practices with emphasis given to new and emerging topics in the field. This course includes a mandatory short-term travel component. May be repeated for credit if content differs.