

Proposal:**IT Executive Specialization in IIT's Master of Information Technology & Management Degree
I.T. at C-Level**

The IT Executive Specialization within IIT's Master of Information Technology and Management degree program is designed to equip students with the knowledge and skills to be Chief Information Officers or Chief Technology Officers in medium-to-large enterprises. This program is designed for middle- and upper-level information technology managers with aspirations to be the CIO/CTO.

Admission

- ◆ All students will be admitted to the Master of Information Technology and Management degree through the normal Graduate College admissions procedure.
- ◆ Further admission to the specialization is by interview only, to ensure that every candidate has sufficient technical knowledge and managerial experience to be a "good fit" for the program.
 - As a part of the interview process, candidates may be asked to take a placement exam to validate their technical knowledge.
- ◆ Students admitted to the program must have significant information technology knowledge and should have three to five years of management experience.

Courses

- ◆ The specialization consists of ten courses: five rigorous high-level technology courses and five management courses.
 - These courses will have no course prerequisites for students in the program, as necessary prerequisite knowledge will be confirmed in the interview process.
- ◆ Courses are, in most cases, specialization-specific versions of existing Information Technology and Management and Industrial Technology and Management courses.
 - As always in courses from the School of Applied Technology, our focus is on hands-on, project-based learning and innovation with active industry participation.
- ◆ The only course unique to this specialization is *Information Technology at C-Level*, an examination of current topics in executive-level IT management taught as a seminar course by a team of eight Chicago-area senior IT executives, assisted by ITM faculty.
 - Each guest lecturer will teach two three-hour sessions, which may be back-to-back or may be separated to facilitate completion of student projects between sessions.
- ◆ Courses in this Specialization:
 - Technology*
 - ITMT 514 Enterprise Application Architectures
 - ITMT 535 Data Center Architecture
 - ITMO 545 Telecommunications Technology
 - ITMS 548 CyberSecurity Technologies
 - ITMO 554 Operating System Virtualization
 - Management*
 - ITMM 574 Information Technology Management Frameworks
 - ITMM 582 Business Innovation
 - ITMM 584 Information Technology at C-Level
 - ITMM 585 Legal and Ethical Issues in Information Technology
 - INTM 508 Cost Management
- ◆ Students who have the necessary information technology and management experience but who do not have the required technical knowledge to be successful in the program may request admission to the specialization following completion of prerequisite coursework.
 - In all cases students must complete all ten courses in the specialization to complete the program.

Small class sizes and rigorous screening and selectivity will ensure that this is a program for only the most qualified candidates, allowing those on the upward track to work alongside their peers to gain knowledge necessary to mount that next rung on the ladder of success.