Proposal:

Information Technology Executive Specialization / Master of Information Technology & Management

I.T. at C-Level

The Information Technology Executive Specialization within Illinois Tech'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. The program is designed for middle- and upper-level information technology managers with aspirations to be senior executives in their field.

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 technical knowledge.
- Students admitted to the program must have significant information technology knowledge and should have a minimum of three to five years of management experience.

Courses

- The specialization consists of ten 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 will be live, in-the-classroom experiences in an executive format on Friday evenings and Saturday mornings.
- 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 Illinois Tech Information Technology and Management, 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 information technology executives, assisted by Information Technology and Management 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 include:
  - **ITMM 537** Vendor Management and Service Level Agreements
  - **ITMM 572** Process Engineering for Information Technology Managers
  - **ITMM 574** Information Technology Management Frameworks
  - **ITMM 577** Case Studies in Management of Information Technology
  - **ITMM 581** Information Technology Entrepreneurship
  - **ITMM 582** Business Innovation
  - **ITMM 584** Information Technology at C-Level
  - **ITMM 585** Legal and Ethical Issues in Information Technology
  - **ITMS 578** Cyber Security Management
  - **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 every case, 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.