Program Facts

- This is a unique graduate program for professionals who seek advancement in their career of engineering management.
- The program targets graduates of all engineering disciplines, in addition to computer science graduates.
- The program allows students to widen their breadth of knowledge beyond their technical field into Management and Business.
- The program curriculum is developed to be project-based and industry-oriented to meet the career needs of practitioners.
Program Facts

- The program is one-year old.
- The program is independent from Civil Engineering
- The majority of MEM students are working in construction companies
- The program is offered in collaboration with Purdue University Calumet (PUC).
- A new program in Master of Project Management (MPM) is under construction

MEM Program Curricula/Core Courses

- ACC 522: Advanced Managerial Accounting
- MEM 501 Project Management
- MEM 502 Engineering Economics
- MEM 504 Quality Engineering
- MEM 506 Simulation & Operations Research
- MEM 509 Information Technology Management
- MEM 511 Operations and Supply Chain Mgt.
- ECO 533 Managerial Economics
- 523 Strategic Management
- MGT 577 Management for Engineers
MPM and Diploma Core Courses

- MPM 501/MEM 501 Project Management
- MPM 521 Enterprise Project Planning, Integration and Scope Management
- MPM 531 Project Scheduling and Time Management
- MPM 561/MEM 508 Project Risk Management
- MPM 571/MEM 504 Managing Quality for Projects
- MPM 581 Project Cost Estimating and Control

Issues of concern

- The uniqueness of the program
- The development of the new programs; Project Management Master (PMP) and Diploma
- Lack of research resources
- Opportunities for collaboration with other universities
- No PhD program