

MEM Student Planning Work Sheet

REQUIRED CORE (6 Courses)

Course	Course Name
IEMS 402	Engineering Management (Gateway Course)
IEMS 403	Accounting for Engineers
IEMS 404	Financial Issues for Engineers
IEMS 405	Marketing Issues for Engineers
IEMS 407	Quantitative Methods for Decision Making
IEMS 437	Strategic Management for Engineers (Capstone Course)

ADVANCED ENGINEERING METHODS MANAGEMENT (Select at least two)

Course	Course Name
IEMS 415	Computer Simulation for Risk and Operations Analysis
IEMS 417	Product Development
IEMS 426	Project Management
IEMS 427	Operations Analysis
IEMS 428	Design For Six Sigma
IEMS 486	Logistics and Supply Chain Engineering

4 ELECTIVES (no more than 2 non-MEM courses)

Course	Course Name

Students may earn a MEM certificate (**optional**) in one of two areas of concentration by taking at least three courses in one of these areas:

Manufacturing, Logistics and Services

- 415 Computer Simulation for Risk & Operations Analysis
- 417 Product Development for Engineering Mgrs
- 427 Operations Analysis
- 428 Design For Six Sigma
- 486 Logistics & Supply Chain Management

Project and Process Management

- 416 Business Process Change Management
- 419 Technical Entrepreneurship
- 424 Leadership & Organizational Behavior
- 426 Project Management
- 429 Negotiations for Engineers
- LOC 440 Strategic Change: Methods for Practice I

Planned Date of Graduation: _____