

Name \_\_\_\_\_ ID# \_\_\_\_\_

- *Twenty units must be at 500 level or above.*
- *A minimum of 16 units must be taken in the Epstein Department of Industrial and Systems Engineering.*

**Required Prerequisite Courses (or equivalent)**

Calculus I, II, III

Linear Algebra & Diff. Eq. (e.g. Math 225)

**REQUIRED COURSES - 16 Units**

Semester	Course	Prerequisite
	ISE 500 - Statistics for Engineering Managers (4, FaSp)	
	ISE 515 – Engineering Project Management (4, FaSpSm)	
	ISE 544 – Management of Engineering Teams (4, FaSpSm)	
	ISE 561 – Economic Analysis of Engineering Projects (4 FaSp)	ISE 500

**Technology Course – Select one (4 units required)**

Semester	Course	Prerequisite
	CE 576 – Invention and Technology Development (3)	
	ISE 445 – Technology Development and Implementation (4, Fa)	
	ISE 501 – Innovative Conceptual Design for New Product Development (4, Sp)	
	ISE 585 – Strategic Management of Technology (4, FaSp)	

**Advisor Approved Electives (8 units required)**

**Total Minimum Units for EMT: 28 (At least 18 units must be ISE)**

**Total Minimum Units for Mechanical: 18**

**MS Mechanical Engineering and Engineering Management Dual Degree  
Program (MEMT)**

**Total Minimum Units Required for Dual Degree: 46**