

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 515 – Engineering Project Management (4, FaSpSm)	
	ISE 519 – Engineering Management of Systems Integration (4, FaSp)	
	ISE 544 – Management of Engineering Teams (4, FaSpSm)	
	ISE 561 – Economic Analysis of Engineering Projects (4 FaSp)	

Technology Course – Select one (4 units required)

Semester	Course	Prerequisite
	ISE 501 – Innovative Conceptual Design for New Product Development (4, Sp)	
	ISE 545 – Principles and Practices of Global Innovation (4, Fa)	
	ISE 585 – Strategic Management of Technology and Innovation (4, FaSp)	
	ISE 588 – Management of Rapid Product Development (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