MSEM Cohort Program Curriculum

Identifying Gaps and Generating Ideas
- Course 1: Technology Strategy
  - Strategic Need
- Course 2: Innovation in Eng. Design
  - 100 ideas
- Course 3: Engineering Statistics
  - The Opportunity Gap
- Course 4: Decision Analysis
  - The “Best” Idea

Validate and Model the Solution
- Course 5: Systems Engineering
  - The System Requirements
- Course 6: Systems Architecting
  - Modeling the System
- Course 7: Advanced Cost Engineering
  - Cost The Solution

Plan and Implement the Solution
- Course 8: Project Engineering
  - Project Plan
- Course 9: Environ of Technical Organ
  - Leadership Plan
- Course 10: Engineering Management
  - Solution Delivery & Innovation Plan
- Course 11: Industry Specific Capstone
  - Bring it All Together

Seminars Such As Technical Writing