

Degree Plan: Master of Science in Engineering Management Manufacturing Engineering Department

Name: _____ SID: _____
last first middle

Address: _____
street city state zip

Tel _____ E-mail _____ Advisor _____

Degree Option (check one): Thesis *Engineering Practicum with Report *Coursework Only
 (*Comprehensive exam is required)

Leveling Courses (check one) None Required (See back of this page)

I. Required Courses for All Options. (15 Hours required for all students)

Course Number	Course Title	Hours	Semester	Grade	Comments or Substitutions
MANE 6304	Industrial Cost Systems	3			
MANE 6319	Quality Management Systems	3			
MANE 6340	Operations Research and Analysis**	3			
MANE 6345	Engineering Management	3			
MANE 6380	Engineering Project Management	3			

** May be substituted with another Engineering Management elective course with credit for an undergraduate course in Operations Research.

II. Engineering Management Electives (See back of this page for complete listing)

Course Number	Course Title	Hours	Semester	Grade	Comments or Substitutions

III. Non-Engineering Management Electives (These courses may be taken only with approval from the student's graduate advisor.)
 Maximum of Non-Engineering Management Electives: Thesis Option up to 6 hrs, Report Option up to 9 hrs, Coursework Option up to 12 hrs)

Course Number	Course Title	Hours	Semester	Grade	Comments or Substitutions

IV. Thesis or Report. (Thesis Option: Take MANE 7300 and 7301. Report Option: Take MANE 6390)

Course Number	Course Title	Hours	Semester	Grade	Comments or Substitutions

(Thesis Option: 30 hrs min. Practicum and Coursework Options: 36 hrs min.)

Approvals:

 Graduate Coordinator Date

 Department Chair Date

 Dean or Associate Dean, COSE Date

Leveling Courses Record

Course Number	Course Title	Hours	Semester	Grade	Comments or Substitutions
MANE 2332	Engineering Statistics (or MATH 4339)	3			
MANE 3337	Engineering Economy	3			
MANE 3340	Fundamentals of Industrial Engineering	3			

II. Engineering Management Electives

Course Number	Course Title	Course Number	Course Title
MANE 6311	Advanced Quality Control	MANE 6349	Advanced Work Science
MANE 6313	Design of Experiments	MANE 6352	Simulation of Manufacturing Systems
MANE 6315	Reliability Engineering	MANE 6354	Advanced Engineering Economy
MANE 6331	Adv. Manufacturing Planning & Control	MANE 6357	Ergonomics
MANE 6341	Adv. Operations Research & Analysis	MANE 6368	Logistics Engineering
MANE 6342	Decision Support Systems	MANE 6399	Topics in Manufacturing Engr.
MANE 6347	Facilitates Layout		

III Non- Engineering Management Electives

NOTE: Thesis Option students are limited to 6 hours of Non-Engineering Management electives

Practicum Option and Coursework Option students are limited to 9 hours of Non-Engineering Management electives

Course Number	Course Title	Course Number	Course Title
FINA 6340	Financial Administration	CSCI 63XX	Any graduate course in Computer Science
MANA 6330	Management	ELEE 63XX	Any graduate course in Electrical Engineering
MANA 6331	Personal Administration & Industrial Relations	MANE 63XX	Non-Engr. Management elective course in Manufacturing Engineering
MANA 6332	Organizational Leadership & Change	MECE 63XX	Any graduate course in Mechanical Engineering
MANA 6334	International Management	MATH 63XX	Any graduate course in Mathematics
MANA 6335	Organizational Theory	MANA 6360	Production Management

Thesis/Project Title:

Advisor's name: _____

Co-Advisor: _____

Committee Members: _____

Committee Members: _____

Committee Members: _____