

ENGINEERING MANAGEMENT PROGRAM (EMEN) COMPREHENSIVE COURSE LIST-MARCH 2022

(Fall and spring change infrequently and summer can change year to year)

GRADUATE COURSES

Course No.	Course Title	Credits	Usually Offered	Prerequisites
EMEN 5005	Introduction to Applied Statistical Methods	3	Fall	
EMEN 5015	Engineering Communication	3	Spring, Fall	
EMEN 5020	Finance for Engineering Managers	3	Spring, Fall	
EMEN 5030	Fundamentals of Project Management	3	Spring, Fall	
EMEN 5032	Project Management Application and Execution	3	Spring	5030
EMEN 5050	Leading Oneself	3	Spring, Fall	
EMEN 5052	Leading Others	3	Fall	
EMEN 5053	Leading Technical Organizations	3	Spring	
EMEN 5065	Global Topics in Aerospace	3	Fall	
EMEN 5080	Ethical Decision Making	3	Spring	
EMEN 5090	Marketing and Technology Ventures	3	Spring	
EMEN 5094	Entrepreneurship for Engineers	3	Fall	
EMEN 5315	Business Law for Engineering Managers	3	Spring	
EMEN 5316	Engineering, Prod Liability & Litigation Process	3	Fall (odd years)	
EMEN 5400	Product Development and Design	3	Spring	
EMEN 5405	Fundamentals of System Engineering	3	Spring, Fall	
EMEN 5500	Lean and Agile Management	3	Fall	
EMEN 5830	Special Topics: Aerospace Program Management	3	Spring	
EMEN 5830	Special Topics: Neuroleadership	3	Fall	
EMEN 5830	Special Topics: Leading for Diversity, Equity & Inclusion in Eng	3	Summer	
EMEN 5830	Special Topics: Resilience Engineering Leadership in Crisis	3	Summer	
EMEN 6810	Capstone	3	Spring	5015

UNDERGRADUATE COURSES

Course No.	Course Title	Credits	Usually Offered
EMEN 3100	Introduction to Engineering Management	3	Spring, Fall
EMEN 4030	Project Management Systems	3	Spring, Fall
EMEN 4050	Leadership and Professional Skills	3	Spring, Fall
EMEN 4100	Engineering Economics	3	Spring, Fall
EMEN 4110	Supply Chain Management	3	Spring, Fall
EMEN 4120	Managing Business Processes	3	Spring, Fall
EMEN 4200	Engineering & Entrepreneurship for the Dev World	3	Spring, Fall
EMEN 4400	Quality Management	3	Spring, Fall
EMEN 4405	Systems Engineering	3	Spring, Fall
EMEN 4800	Technology Ventures and Marketing	3	Fall
EMEN 4820	Entrepreneurial Product Development	3	Spring
EMEN 4825	New Venture Creation	3	Spring, Fall
EMEN 4830	Special Topics: Resilience Engineering Management	3	Spring
EMEN 4830	Special Topics: Designing for Diversity, Equity & Inclusion for Eng	3	Summer