

Master's Degree Overview	Course Number and Title	Graduate Certificate Programs								2021			2022			2023			2024																				
		Current Project Management	Fall 2021 Project Management	Constraints Management	Logistics & Supply Chain	Manufacturing Leadership	Six Sigma Quality	Systems Engineering																															
		2a	2b	2	4c	4a		2		1	1		1	2		1	3*		3	4b	4a	2	4a	4b	3	3a	3*	3	3b	4b	4c	4c	4b						
2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040																				
SPRING	SUMMER	FALL	SPRING	SUMMER	FALL	SPRING	SUMMER	FALL	SPRING	SUMMER	FALL	SPRING	SUMMER	FALL	SPRING	SUMMER	FALL	SPRING	SUMMER	FALL																			
2213	2215	2217	2223	2225	2227	2233	2235	2237	2243	2245	2247																												
Organizations and People	E M 501—Management of Organizations								Bachman	Squires																													
	E M 522—Leadership, Supervision, and Management											Bachman	Pricco	Squires	ETM Faculty	Pricco	Squires	ETM Faculty	Pricco	Squires	ETM Faculty																		
Finance/ Resources	E M 505—Finance for Technical Systems								Squires				ETM Faculty				ETM Faculty				ETM Faculty																		
	E M 566—Systems Engineering Analysis and Practice <i>Starting Fall 2020 this is a substitute for 545</i>										Squires				Squires						Squires																		
Analytical Methods	E M 540—Operations Research for Managers												Magpili				Magpili				Magpili																		
	E M 560—Integrated Supply Chain Management													Magpili			Magpili					Magpili																	
Projects	E M 564—Project Management													Gray	Gray		ETM Faculty	ETM Faculty			ETM Faculty	ETM Faculty					ETM Faculty	ETM Faculty											
	E M 565—Intro to Systems Management												Gray			Squires					Squires						Squires												
Variability	E M 580—Quality Control and Reliability																																						
	E M 585—Design of Experiments																																						
Strategy	E M 526—Constraints Management																																						
	E M 575—Performance Management in Technical Organizations														Gray																								
	E M 591—Strategic Mngmt of Technology and Innovations in Engineering													Pricco																									
Electives	E M 503—Managing Variability Using Statistics																																						
	E M 508—Legal Concepts for Engineering and Technical Managers																																						
	E M 530—Applications of Constraints Management																																						
	E M 538—Lean Tools for Systems Improvement																																						
	E M 555—Enterprise Resource Management																																						
	E M 567—System Supportability and Logistics Management																																						
	E M 568—Risk Assessment and Management																																						
	E M 570—Systems Improvement: Integrating TOC, Lean, and Six Sigma																																						
	E M 587—Managing Human Factors for Safety and Productivity																																						
E M 590—Leading Design and Innovation																																							
Capstone	E M 701—Independent Study / Capstone																																						

\* 570 can substitute 526 in Manufacturing Leadership certificate.