



**UNIVERSIDAD POLITÉCNICA DE PUERTO RICO**  
**GRADUATE PROGRAM IN ENGINEERING MANAGEMENT**  
**MEM - ONLINE**

**2026 - 2027**

COURSE	COURSE TITLE	PRE-REQUISITES	LF	LW	LS
			26	26	27
<b>GENERAL COURSES IN MANAGEMENT</b>					
MGM 5500	MANAGERIAL ACCOUNTING		X	X	X
MGM 5700	PROBABILITIES AND STATISTICS METHODS		X	X	X
MGM 6070	HUMAN RESOURCES MANAGEMENT		X	X	X
MGM 6560	MANAGEMENT OF INFORMATION SYSTEMS		X	X	X
MGM 6620	MANAGERIAL FINANCE	MGM 5500	X	X	X
MGM 6690	DECISION MAKING TECHNIQUES	MGM 5700	X	X	X
<b>MASTER IN ENGINEERING MANAGEMENT (MEM)</b>					
MEM 5600	ENGINEERING ECONOMICS		X		X
MEM 6110	ENGINEERING MANAGEMENT I		X	X	
MEM 6120	ENGINEERING MANAGEMENT II	MEM 6110	X	X	X
MEM 6200	ENGINEERING MANAGEMENT PROJECT	MEM 6120	X	X	X
<b>EMPHASIS IN MANUFACTURING</b>					
MBA 6830	OPERATIONS MANAGEMENT			X	
MEM 6420	MAINTENANCE MANAGEMENT			X	
MEM 6610	PRODUCTIVITY MANAGEMENT				X
<b>EMPHASIS IN ENVIRONMENTAL</b>					
MEM 6910	AIR QUALITY				X
MEM 6915	WATER QUALITY			X	
MEM 6940	INTRODUCTION TO POLLUTION CONTROL OF EARTH SYSTEMS		X		
<b>EMPHASIS IN CONSTRUCTION MANAGEMENT</b>					
MEM 6170	COST ESTIMATE AND CONTRACTING				X
MEM 6410	CONSTRUCTION MANAGEMENT		X		
MEM 6710	PROFESSIONAL ETHICS & PUBLIC POLICY				X
MEM 6820	BUSINESS AND CONSTRUCTION LAW			X	
<b>EMPHASIS IN PROJECT MANAGEMENT</b>					
PJM 6500	PROJECT MANAGEMENT: INITIATION, IMPLEMENTATION, AND TERMINATION		X		
PJM 6600	PROJECT RISK MANAGEMENT			X	
PJM 6800	PROJECT PROCUREMENT SOLICITATION				X
<b>OTHER COURSES</b>					
GMP 6010	PROFESSIONAL WRITING AND PRESENTATIONS	None	X		X
GMP 6510	RESEARCH METHODOLOGY	18 CREDITS APPROVED	X	X	X