



## 2018-2019 CE-MCM Course and Prerequisite List

Advances in construction technologies, financing, and methods underscore the need for a sound and systematic management of construction projects. Organizational structures, business models, and the capability of implementing new technologies into practice necessitate advanced study in Construction Management. The Master of Construction Management at The University of Texas at Arlington (UT Arlington) allows students to concentrate their studies into **Commercial and Residential, Infrastructure and Heavy/Highway**, and **General Construction** applications as shown below to address a broad range of challenges facing the construction management field. **These three course areas are suggested elective concentration areas and are not required tracks of study.**

2016-2017 Catalog and before		2017-2018 Catalog	Courses (2018-2019) (21 Hours N Required for a degree)	Possible Elective Construction Area Concentrations		
				Commercial & Residential	Infra-structure & Heavy/ Highway	General Construction
	CE5300	CM 5300	Topics in Civil Engineering			X
	CE5300	CM 5300	Topics in Civil Engineering (Best Construction Practices)	X		
CE 5300	CE 5339	CM 5339	Construction Statistics			X
CE 5300	CE 5340	CM 5340	Construction Project Acquisitions			X
CE 5300	CE 5342	CM 5342	Construction Management	X	X	X
CE 5301	CE 5343	CM 5343	Building Information Modeling (BIM)	X		
	CE 5345	CM 5345	Infrastructure Evaluation, Maintenance and Rehabilitation		X	
CE 5300	CE 5350	CM 5350	Risk Management		X	X
CE 5300	CE 5355	CM 5355	Construction Materials	X		
	CE 5377	CM 5377	Construction Finance	X	X	X
	CE 5381	CM 5381	Public Private Partnerships (P3)	X	X	
CE 5300	CE 5382	CM 5382	Construction Sustainability	X		
	CE 5387	CM 5387	Construction Productivity (Prerequisites CM 5379)	X	X	X
	CE 5388	CM 5388	Pipeline Construction and Trenchless Technology		X	
	CE 5389	CM 5389	Pipeline Asset Management and Sustainability		X	
	CE 5395	CM 5395	Masters Project	X	X	X
	CE 5191	CE 5191	Advanced Studies in Civil Engineering (Required course for CPT. May not be used for degree course credit.)			