EXECUTIVE MASTER OF CONSTRUCTION MANAGEMENT

Overview

The Executive Master of Construction Management (E.M.C.M.) (https://mcm.arc.miami.edu/) is an interdisciplinary **30-credit** program designed for accomplished professionals in the design and construction industry who are ready to take their career to the next level.

The program's enrollment is limited to 10 students a year in the Fall term. Courses are focused on active learning based on practical information from current industry practices and real-world examples. Small classes taught by the leaders of major construction organizations, The Program facilitates insightful discussion between high-caliber students and industry leaders, providing the student an unparalleled education based on practical knowledge anchored by the years of experience of our industry leaders and guest faculty.

Courses are offered in the late afternoons, evenings, and on weekends to meet the needs of working professionals. The program will focus on current issues and events in construction Management and address the needs of the industry by developing candidates for middle and upper management positions.

To obtain detailed program admission information, please reference our website https://mcm.arc.miami.edu or contact the Graduate Admission Office at Tel. 305-284-3060.

Curriculum Requirements

Code	Title	Credit Hours
Core Courses		
CMA 701	Operating and Managing a Construction Organization	3
CMA 702	Professional Leadership Seminar	1
CMA 708	Preconstruction Services	2
CMA 722	Case Studies in Risk Management	2
CMA 724	Human Resource Management	1
CMA 734	Prevention and Resolution of Contract Disputes	2
CMA 740	Project Feasibility Analysis and Valuation	2
or ACC 671	Accounting for Decision Making	
CMA 799	Capstone Research	2
CMA 801	Executive Capstone Project	4
MGT 620	Managing Through People	2
Electives		**9**
CMA 642	Emerging Technologies in Design and Construction	
CMA 680	Directed Studies	
CMA 681	Special Topics in Construction	
CMA 682	Special Topics in Construction	
CMA 690	Advanced Productivity and Lean Construction	
CMA 691	Quality Management and Performance	
CMA 692	Construction Forensics	
CMA 720	Advanced Planning and Scheduling	
RED 601	Introduction to Real Estate Development and Urbanism	
RED 610	Financing Urban Real Estate Development	
RED 630	Real Estate Economics and Market Analysis	
RED 650	Complex Urban Real Estate Transactions	
ARC 679	An Introduction to Resilient Building and Community Design	
Total Credit Hours		**30**

Students are required to engage in Practical Experience while enrolled in the program. International Students in F-1 status are required to obtain authorization for Curricular Practical Training (CPT) from the Department of International Student and Scholar Services (ISSS) prior to engaging in any practical experience/training/internship off-campus.

Suggested Plan of Study

Fall I		**Credit Hours**
CMA 701	Operating and Managing a Construction Organization	3
CMA 702	Professional Leadership Seminar	1
MGT 620	Managing Through People	2
	Credit Hours	**6**
Spring I		
CMA 708	Preconstruction Services	2
Electives *		4
	Credit Hours	**6**
Summer I		
CMA 724	Human Resource Management	1
Electives *		5
	Credit Hours	**6**
Fall II		
CMA 722	Case Studies in Risk Management	2
CMA 799	Capstone Research	2
CMA 740 or ACC 671	Project Feasibility Analysis and Valuation or Accounting for Decision Making	2
	Credit Hours	**6**
Spring II		
CMA 734	Prevention and Resolution of Contract Disputes	2
CMA 801	Executive Capstone Project	4
	Credit Hours	**6**
	Total Credit Hours	**30**

*Electives must be approved by the Program Director.

Mission

The mission of Executive Master of Construction Management is to provide experienced construction professionals, a highly specialized practical curriculum embodied with real-world experience and taught by industry leaders to augment their practical knowledge of the industry and assist in advancing their careers into upper leadership positions at their organizations.

Goals

- To partner with the industry to develop the next generation of thought leaders ready to take on the challenges of the 21st-century workplace.
- To provide future construction professionals with the knowledge and quantitative skills required to understand, organize and control construction projects from conception to closeout;
- To expose participants to emerging technical skills and knowledge in architecture, engineering, construction, and cutting-edge technology in support of planning, analyzing, and solving construction problems;
- To encourage our students, as future industry leaders, through the school's culture and resources to address the critical social, economic, and environmental challenges facing the construction industry; and
- To encourage participants to make meaningful contributions to the shaping of the built environment.

Student Learning Outcomes

- Students will apply various management techniques and methods to efficiently and effectively plan and control construction projects.
- Students will utilize and integrate emerging technologies and innovations in Construction Management practices.
- Students will understand the value of and apply sustainable building practices to optimize the use of available resources.
- Students will apply skills to manage creative teams and project processes effectively and efficiently.
- Students will possess an understanding of the contributions made by design professionals to the construction processes, and can communicate and interact with design professionals within the multidisciplinary construction team.