



Master of Business Administration in Construction Management

PROGRAM DESCRIPTION:

The Master of Business Administration (M.B.A.) degree in Construction Management prepares students for managerial opportunities, particularly in the construction field. Students will focus on key elements of business: leadership, ethics, global thinking, management skills, and technological innovation. In addition, students will learn about corporate construction structure, legal and current issues in the industry, and develop a specialized project guided by a mentor from the construction industry.

Course Number	Course Title	Course Description	Credits
BUSN 500	Theory of Construction Operations Management	Theory and practice of construction operations and management. A review of the professional positions and the contribution and impact to project completion will be discussed. ACCE 5.21, 5.24, 5.6	3
BUSN 510	Dynamic Leadership	The course will offer an overview of effective leadership and how to apply these concepts in business situations. Discussions will also look at developing leaders within the organization. ACCE 4.52	3
BUSN 520	Organizational Behavior	The course is structured around a core of fundamental concepts concerning organizations. Topics will include cultures and practices within the organization and its impact on personnel. ACCE 4.2, 4.52	3
BUSN 530	Strategic Marketing	The course will teach how to use marketing tools to collect and measure data for analysis and utilization with potential construction projects. Review of how data impacts the construction industry will be addressed. ACCE 5.21, 5.6	3
BUSN 540	Financial Management	The course will review the financial aspects of the construction industry. Managerial decisions, risk management and corporate financing will look at the impact to a construction project. ACCE 3.2, 5.21, 5.3, 5.3, 5.6	3
BUSN 550	Business Innovations in Project Management	The course will focus on understanding the concepts, requirements and delivery methods for public and private projects. Study of the risk analysis, infrastructure and the economic impact will be assessed. ACCE 4.3, 4.37, 5.21, 5.24, 5.6	3
CON 635	Green Design Principles	Course will cover lot design, preparation, and construction using resource and energy efficient concepts. Discussions will also include site planning and land development, water efficiency, and educating homeowners regarding environmental	3

		quality issues and their new home. Course will follow NAHB guidelines. ACCE 2.1, 4.1, 4.2, 4.52, 5.2, 5.21, 5.66	
CONM 600	Corporate Construction Management	The course offers a review of the facets of managing a construction company. Emphasis on operations, human resources, corporate structure, safety, financial and risk management will be looked at in the construction project setting. ACCE 5.21, 5.24, 5.3, 5.5, 5.6	3
CONM 605	Legal Aspects of Construction Projects	The course will review basic professional practice issues in construction. Discussions will review potential issues with risk and liability and legal problems throughout the term of the construction project. ACCE 3.4, 5.21, 5.4, 5.5, 5.6	3
CONM 611	Improvements for the Construction Site	The course will discuss how to analyze methods used on a project to improve time management and cost control. Analysis of productivity ratings, crew balance, and organization of the project will be discussed. ACCE 4.3, 4.37, 4.52, 4.52, 5.13, 5.21, 5.24, 5.6	3
CONM 660	Advanced Construction Seminar	Interactive course offers contact with industry representatives and construction professionals on current topics. Students will produce a project or presentation regarding the information gathered from seminar and the applications of business practices. ACCE 5.6	3
CONM 670	Special Project in Construction Management	The student will be assigned a mentor to develop a project regarding a topic of interest related to construction management. Final project will produce both a written analysis and PowerPoint presentation. ACCE 5.6	3

Total Credits: 36