

# FACILITY MANAGEMENT (FM)

## Facility Management (FM) Courses

### FM 5003. Facilities Management Professional Trends. (3-0) 3 Credit Hours.

Course includes an in#depth analysis of the most common practices of Facility and Property Managers, including sustainability issues, environmental factors, buildings safety, leasing activities, building technologies, continuous quality improvement, and FM and real estate trends and practices. Differential Tuition: \$165.

### FM 5113. Operations and Maintenance: Management of Built Assets. (3-0) 3 Credit Hours.

Course provides in#depth discussion of Facility and Property Management Operations and Maintenance, including building systems, and approaches to operating and maintaining facilities, the effective development and management of facilities predictive, preventive, and corrective maintenance programs, and other aspects of FM maintenance and operations. Differential Tuition: \$165.

### FM 5213. Project Management: Planning and Execution of Projects. (3-0) 3 Credit Hours.

Course provides in#depth discussion of facilities project management from initial project planning, estimating and scope definition, through design and construction to project close out. Course includes project manager roles and responsibilities, project processes and life cycles, programming, scope, design deliverables, project plans, critical path method project scheduling and control, and project oversight from start to finish. Differential Tuition: \$165.

### FM 5313. Finance and Business: Financial Aspects of Facilities. (3-0) 3 Credit Hours.

Course includes analysis, budgeting, accounting, risk management & reporting to demonstrate applications of facility financial management to prepare students to analyze & interpret financial statements to make FM decisions, and understand & apply accounting and finance principles to facility management business operations, and manage facilities financial and other high value assets to effectively deliver facility services. Differential Tuition: \$165.

### FM 5413. Leadership and Strategy: Facilities Management Leadership. (3-0) 3 Credit Hours.

Course provides fundamental FM leadership concepts and practices from strategic facility planning, development and execution of facility services, effective leadership of the facility organization, appropriate methods of measuring and evaluating facility performance, identification of root causes of negative performance and ways to continuously improve performance with a focus on performance excellence. Differential Tuition: \$165.

### FM 5513. Energy, Utilities and Environmental Stewardship:. (3-0) 3 Credit Hours.

Course provides students an understanding of operational energy and utility system management in the context of the built environment, and equips students to understand and implement energy and utility conservation measures, and sustainability initiatives to reduce institutional carbon footprint and enhance stewardship of the natural environment. Course includes discussion of energy management systems, Energy Star and STARS assessments and ratings, energy calculations, energy efficiency programs, commissioning and retro# commissioning, energy and utility audits, and FM sustainability practices and trends. Differential Tuition: \$165.

### FM 5613. Human Factors and Resources in Facilities Management. (3-0) 3 Credit Hours.

Course introduces students to occupancy and human resources management in a facilities management organization, including space management, staff recruitment, hiring, job families and career paths, training and skill development, advancement, performance management, retention and termination, safety and security, and current regulatory environment. Also includes discussion of outsourcing issues, and "To# do#or#buy" analysis to aide in decision making related to potential outsourcing of facility functions. Differential Tuition: \$165.

### FM 5713. Quality, Productivity and Technology in Facility Management. (3-0) 3 Credit Hours.

Course will provide foundational concepts relating to facility management technology and how it is used to assure quality, productivity and operational excellence in facility operations. Includes the use technology, quality assurance, economics and life#cycle cost analysis and performance measurement and operational reporting to advance the productivity of facilities staff and provide customers and stakeholders with excellence in FM Services. Differential Tuition: \$165.

### FM 5813. Environmental Health, Safety, Risk Management, and Business. (3-0) 3 Credit Hours.

Course will provide students an understanding of environmental health, safety, and risk management issues in the built environment and equip them to effectively develop and implement emergency management and business continuity plans, and respond to workplace emergencies and other contingencies impacting the ability of the organization to perform its mission. Differential Tuition: \$165.

### FM 5903. Graduate Capstone Project – Solving Problems in Facilities. (3-0) 3 Credit Hours.

Prerequisites: FM 5003, FM 5113, FM 5213, FM 5313, FM 5413, FM 5513, FM 5613, FM 5713, and FM 5813. Capstone course will be a student# led effort to identify a significant facility management challenge, analyze causes and impacts of the challenge, consider various solution options, and implications of each, and develop a thoughtful and effective solution to address the challenge. Includes the study of formal problem solving principles, and presentation of multi#media findings to address all aspects of the challenge and solution to executive leadership. Differential Tuition: \$165.