

FACILITIES MANAGEMENT (CPFM)

CPFM2000 INTRODUCTION TO FACILITY MANAGEMENT

This course examines the scope of the professional facilities manager's responsibilities. The Facility Manager's role in relation to an organization's strategic plan is stressed. Provides a solid understanding of the fundamental concepts in Facilities Management and why a broad understanding of the responsibilities of the profession is valuable to facility managers and all professionals. Students will apply concepts needed to successfully organize, monitor, communicate and develop a good Facilities Management program. Guest speakers, case studies and field trips will be used to help further illustrate Facilities Management topics. (3 credits)

CPFM2100 SUSTAINABILITY IN THE BUILT ENVIRONMENT

This course provides a solid understanding of the fundamental concepts in sustainable practices and why a broad understanding of the economic and societal changes are valuable to all professionals. Students research and apply necessary concepts to successfully organize, monitor, communicate and develop a sustainability program. Case studies are used to further illustrate topics on sustainability and the environment. (4 credits)

CPFM2300 SPACE PLANNING

Students follow the process of design, problem solving, and building construction management as it relates to the use of interior space. Students will develop comprehensive projects involving issues pertaining to space planning, regulatory codes, building systems, material use and construction methods. Team research projects will facilitate the ability to work cooperatively. (3 credits)

CPFM3200 PROJECT MANAGEMENT FOR FACILITY MANAGERS

Students study methods, concepts and procedures of FM project management. Topics include team development, scheduling, budgeting/estimating, contract administration, purchasing, relocations, and move management. **Prerequisite:** Junior status or enrollment in the Professional Certificate in Facilities Management (3 credits)

CPFM3300 BUILDING OPERATIONS

Students examine how facilities, building operations, and maintenance organizations are managed. Topics covered include scheduling, equipment evaluation, training and long range planning. Students will explore how the interdependent mechanical systems in a facility work together and how all the elements of an efficient facility work in tandem for maximum effective value to the organization. **Prerequisite:** CPFM2000 (3 credit)

CPFM3800 SPECIAL TOPICS IN FACILITIES MANAGEMENT

These courses present topics that are not covered by existing courses and are likely to change from semester to semester. Refer to the semester schedule for the courses offered that semester. Contact the faculty assigned for more information about the course topic. (1 - 4 credits)

CPFM4100 FACILITY ASSESSMENT & FORECASTING

This course emphasizes the strategic role required of the facilities manager in providing information for corporate managers and executives for facility forecasting. Topics include corporate real estate, attorney and developer interface, operating budgets and capital expenditures, and building performance assessment. **Prerequisite:** Enrollment in Professional Certificate in Facilities Management (3 credits)

CPFM4200 ENERGY & SUSTAINABILITY

Students examine how facilities, building operations, and maintenance organizations are managed to understand energy creation, delivery and consumption. Topics include sources, forms, and methods used to assess and manage energy use in buildings. This course also provides a solid understanding of the fundamental concepts in sustainable practices. Students will apply concepts needed to successfully organize, monitor, communicate and develop a good sustainability program.

Prerequisite: Enrollment in the Professional Certificate in Facilities Management (3 credits)

CPFM4600 PRINCIPLES OF REAL ESTATE & PROJECT MANAGEMENT

Students study real estate concepts pertinent to facility management. Topics include real estate financial management, site selection, RE master planning, leasing, purchase vs. lease, property management and highest and best use analysis. **Prerequisite:** CPFM4100 (3 credits)

CPFM5500 CAPSTONE IN FACILITY MANAGEMENT

Students will select their own project with the approval of the faculty for development through the semester. Students are encouraged to select an area of investigation that is a specialization within FM that most interests them. Project will be supported by written original investigation and submitted periodically during development for review by the faculty.

Prerequisite: All CPFM required courses, except CPFM4600, must be successfully completed prior to this course (3 credit)