

OPERATIONS MANAGEMENT (OPSM)

OPSM 299. DIRECTED STUDY. 1-15 Credits.

OPSM 330. OPERATIONS MANAGEMENT. 4 Credits.

Pre-requisites: DSCI 245 (or equivalent) and one of the following: MATH 142, MATH 161, HONS 161 or MATH 200.

Sustainable revenues are generated by businesses through the timely creation and distribution of products and services desired in the marketplace. This course describes the operational activities associated with these tasks in environments of change and uncertainty. In addition, the theories, principles and practices driving decision-making in each of these operational areas are analyzed.

OPSM 395. INTERNSHIP. 1-5 Credits.

OPSM 398. SEMINAR. 1-5 Credits.

OPSM 399. DIRECTED STUDY. 1-15 Credits.

OPSM 425. SERVICE AND OPERATION ANALYSIS. 4 Credits.

Pre-requisites: OPSM 330.

This integrative course includes analysis of both service and manufacturing organizations. The course focuses on case studies and applied quantitative techniques for managing the entire operations of a firm. Decision-making is emphasized through computer simulation and interactive discussion of field and textbook case studies.

OPSM 428. GLOBAL SUPPLY CHAIN MANAGEMENT. 4 Credits.

Pre-requisites: senior standing or permission of instructor.

This course examines the actions and values responsible for continuous improvement in the design, development and management process of an organization's supply system. The objective of the course is to understand how to improve the supply system's profitability and ensure its survival as well as the profitability and survival of its customers and suppliers. Global issues and development of supplier relationships are integrated throughout the course material. Cases and field trips are included as appropriate.

OPSM 429. WAREHOUSE AND DISTRIBUTION MANAGEMENT. 4 Credits.

Pre-requisites: OPSM 330.

The study of warehouse operations focuses on facility layout, process, automation, warehouse management systems, productivity improvement, inventory management, measurement and general management. Computer and mathematical models will be used as a foundation for some analysis, but the primary topics of interest will emphasize relevant and practical operations. Course content may include some specialty topics delivered by industry professionals.

OPSM 441. QUALITY MANAGEMENT. 4 Credits.

Pre-requisites: OPSM 330.

This course is a review and application of quality management concepts in public and private enterprises. Both qualitative and quantitative techniques are analyzed. Cases and field trips are included as appropriate.

OPSM 495. PROFESSIONAL INTERNSHIP-OPSM. 1-5 Credits.

Notes: graded Pass/Fail.

Pre-requisites: permission of the instructor, department chair and college dean.

OPSM 498. SEMINAR. 1-5 Credits.

OPSM 499. DIRECTED STUDY. 1-5 Credits.

Prerequisite: permission of the instructor, department chair and college dean

OPSM 598. GRADUATE SEMINAR. 1-5 Credits.