

Operations & Supply Chain Mgmt Courses

Courses

OSCM 5308. Concepts of Production Mgmt.

Concepts of Production Management (3-0). The production or operations function is concerned with the planning and decision-making activities of managers directly responsible for the conversion of resources into products and services. The operations manager plans production, schedules work and controls inventories. This course is a study of the issues underlying the management of operations, and introduces the student to a variety of tools and techniques used by operations managers exploring alternative means of implementing decisions. Restricted to majors: ACCT, BSAD, ECON, GENB, OSCM. Prerequisite: QMB 5311.

Department: Operations & Supply Chain Mgmt

3 Credit Hours

3 Total Contact Hours

0 Lab Hours

3 Lecture Hours

0 Other Hours

Prerequisite(s): (QMB 5311 w/C or better)

OSCM 5311. Inventory and Materials Mgmt.

Inventory and Materials Management (3-0) This course addresses the issues and approaches associated with managing the inventory and flow of raw materials, work-in-process, finished goods, and supplies to ensure/ enhance the organization's competitiveness and profitability. Topics will include outsourcing or make-or-buy decisions, international/global sourcing, and computer-based inventory/materials systems, as well as the formulation and application of quantitative models for inventory analysis and decision making. The concepts, principles, and strategic impact of some of the more significant approaches in production/inventory planning and control, such as just-in-time systems material requirements planning and enterprise resource planning, will be discussed. Restricted to majors: ACCT, BAMA, BSAD, ECON, GENG, OSCM. Prerequisites: OSCM 5308 and QMB 5311 (or equivalent) each with a grade of "C" or better.

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3 Credit Hours

3 Total Contact Hours

0 Lab Hours

3 Lecture Hours

0 Other Hours

Prerequisite(s): (OSCM 5308 w/C or better) AND (QMB 5311 w/C or better)

OSCM 5325. Gbl Oper & Supply Chain Mgmt.

Global Operations and Supply Chain Management (3-0) This course is designed to present and discuss concepts, issues, and problems critical to global operations, with some emphasis on those that pertain to the operation and improvement of global supply chains. Innovations in global operations management and technology, as well as the opportunities and challenges posed by such innovations, will be investigated. Coverage will include successful approaches in the areas of product design, quality management, and project management, among others, that have led to dramatic improvements in global business performance. Important recent developments and approaches for the effective operation of global supply chains will be identified and discussed. Restricted to majors: GENB and OSCM. Prerequisites: OSCM 5308, QMB 5311, MKT 5311 and CIS 5311 or equivalents each with a grade of "C" or better.

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3 Credit Hours

3 Total Contact Hours

0 Lab Hours

3 Lecture Hours

0 Other Hours

Prerequisite(s): (OSCM 5308 w/C or better) AND (QMB 5311 w/C or better) AND (MKT 5311 w/C or better) AND (CIS 5311 w/C or better)

OSCM 5330. Mgmt of Service Operations.

Management of service Operations (3-0) The major concepts of service, the design and implementation of service systems, the operational issues, and the tools for managing a service operation are covered to provide understanding of the broader role of service at both the service and goods firms. Service strategies, service quality, and other emerging service issues are discussed. Special attention will be given to service operations in maquiladora environment. Restricted to majors: BSAD, CIS, CS, EECE, GENB, OSCM. Prerequisites: OSCM 5308 or equivalent with a grade of "C" or better.

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3 Credit Hours

3 Total Contact Hours

0 Lab Hours

3 Lecture Hours

0 Other Hours

OSCM 5392. Directed Indiv Study in POM.

Directed Individual Study in Production/Operations Management (0-0-3) This course may be repeated, but no more than three semester credit hours may be applied to satisfy the requirements for the master's degree. Restricted to majors: GENB and OSCM. Prerequisite: Department approval.

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3 Credit Hours

3 Total Contact Hours

0 Lab Hours

0 Lecture Hours

3 Other Hours

OSCM 5394. Current Issues in POM.

Current Issues in Production/Operations Management (3-0) A course organized to investigate special topics and current issues in production/operations management. Restricted to majors: BAMA, GENB, OSCM. Prerequisite: OSCM 5308 with a grade of "C" or better, or OSCM 3321 with a grade of "C" or better.

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3 Credit Hours

3 Total Contact Hours

0 Lab Hours

3 Lecture Hours

0 Other Hours

Prerequisite(s): (OSCM 5308 w/C or better) OR (OSCM 3321 w/C or better)