

MAN 5532 – Production and Operations Management

Summer A 2023

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Office Hours: Fri 1:00-2:00pm/2:00-3:00pm, upon short notice, and by appointment

Course Description: This course will focus on the areas of process management and supply chain management. Within Process Management (PPM) we will focus on (a) designing relationships between processes, inventory, order time, and throughput, (b) estimating and planning process capacity, (c) monitoring process quality, (d) Supply Chain Management (SCM), and (e) examples (a) time area of computer simulations, (b) effectively manage capacity utilization, (c) how various financial and legal issues in a supply chain can be resolved using inventory model.

Course Objectives: This course is an introduction to Operations Management (OM), which focuses on the design and control of production systems within both production and service oriented organizations. Specifically, this course seeks to (a) introduce students to the basic concepts of OM, (b) acquaint students with terminology in the area, and (c) prepare students to some operations modeling tools used in contemporary OM.

Textbook (optional): Managing Supply with Demand – An Introduction to Operations Management, 4th Edition, Chase and Larheim, McGraw-Hill (ISBN 261 98)

Classroom: A new package will be available in Target Center across from campus.

First or last semester? This is both options. The new package is required and necessary.

Equipment/Software Requirements: A laptop that meets current college computing standards and equipped with a current copy of Microsoft Office 2019 or later.

Course Materials: will be a materials management office area. A new package is available at Target copy and includes a number of cases that will be discussed. Case studies will cover various combinations of questions for the various materials areas and students will have participation in the class discussion for each case. OM will ultimately be that management participants will be for the future of the entire supply chain.

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Congressional Record United States. Congress,1995 The Congressional Record is the official record of the proceedings and debates of the United States Congress It is published daily when Congress is in session The Congressional Record began publication in 1873 Debates for sessions prior to 1873 are recorded in The Debates and Proceedings in the Congress of the United States 1789 1824 the Register of Debates in Congress 1824 1837 and the Congressional Globe 1833 1873

Monthly Catalog of United States Government Publications ,1989 **Importers Manual USA.** ,1998 **Kansas Statutes Annotated** Kansas,2001 *Congressional Record Index* ,1975 Includes history of bills and resolutions *Journal of the House of Representatives of the United States* United States. Congress. House,United States. Congress. Senate,1969 Some vols include supplemental journals of such proceedings of the sessions as during the time they were depending were ordered to be kept secret and respecting which the injunction of secrecy was afterwards taken off by the order of the House *The Budget of the United States Government* United States,1944 Illinois Revised Statutes Illinois,1987

Aerospace Medicine and Biology ,1965 A selection of annotated references to unclassified reports and journal articles that were introduced into NASA scientific and technical information system and announced in Scientific and Technical Aerospace Reports STAR International Aerospace Abstracts IAA **National Union Catalog** ,1978 Includes entries for maps and atlases **MANAGEMENT REVIEW** ,1983 **EPA Cumulative Bibliography** United States. Environmental Protection Agency,1976 Vols for 1970 76 include reports bibliography and separate title subject corporate author personal author contract number and accession report number indexes Florida Administrative Weekly ,1991 **The National Underwriter** ,1963

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