



FALL 2012 (08/25/2012-12/14/2012)
Course Syllabus

LOCATOR INFORMATION:

Course Name: Production and Operations Management-MGMT 6060
Credit Hours: 3
Contact Hours: Wednesday 5:30 pm – 8:30 pm
Class Room: Room 272, Avon Williams Campus

INSTRUCTOR:

Name: Joel K. Jolayemi
Office: AWC Room K-446, College of Business
Phone: 615 963-7134
E-mail: jjolayemi@tnstate.edu

Office Hours: Monday & Wednesday: 8:30 a.m. – 12:00 noon. Thursday: 9:00 – 12 noon.

CLASS WEBSITE: <https://elearn.tnstate.edu>

Please check this site regularly. Announcements, course materials and assignments will be posted on this site.

TEXTBOOK & MATERIALS:

- Operations & Supply Chain Management by: Robert Jacobs and Richard Chase, 13th Edition, published by Irwin/McGraw-Hill, (2011).
- HOM: Operations Management Software for Windows, by Moses, Seshadri, and Yakirevich, published by Irwin/McGraw-Hill, (1999) Skin-wrapped with Text
- STORM software
- Published journal articles.

COURSE DESCRIPTIONS:

An analysis of production and operations concepts, tools, and practices as applied to manufacturing and service organizations. Included are such areas as modern analytical methods, Y and mathematical modeling.

COURSE OBJECTIVES:

Operations management is a field of study which focuses on the efficient transformation of resource inputs such as labor and material into useful outputs such as products or services. Operations management has traditionally been a study of manufacturing processes, but as our economy has become dominated by services the concepts from operations management are now being applied also to service industries. The goals and objectives of the course are to provide experience in:

1. Hands-on experience through projects and case studies.
2. The use of appropriate software to solve practical problems.
3. Combining quantitative and qualitative decision making approaches.

ACADEMIC INTEGRITY:

Academic honesty and integrity lie at the heart of any educational enterprise. Students are expected to do their own work and neither to give nor to receive assistance during quizzes and examinations. Deliberate violations of academic integrity (plagiarism, cheating, misrepresentation, and fabrication of information) are not tolerated. Actions outlined in the Tennessee State University Student Handbook under Code of Student Conduct will be followed for incidents of academic misconduct.

REASONABLE ACCOMMODATIONS:

Any students requiring accommodations should contact Patricia Scudder, Director of Students with Disabilities-Disabled Student Services Office, at 963-7400, preferably before the fourth class meeting. The College of Business, in conjunction with the Office of Disabled Student Services, makes reasonable accommodations for qualified students with medically documented disabilities. I need to be aware of your status if it will affect your class activities and assignments – before assignments are due.

CODE OF STUDENT CONDUCT:

There will be no eating, drinking, sleeping or disruptive behavior in the classroom. Each student is encouraged to participate in classroom activities, ask questions, and work along with the class as recommendations/problem solutions to illustrations, examples, and cases are examined. Additionally, cell phones must be turned off upon entering the classroom and should remain so until class has ended. Action will be taken against those students who do not adhere to appropriate classroom behavior.

PROCEDURES AND REQUIREMENTS:

1. Attendance Policy:

- Students are expected to be present for all class meetings.
- Material covered during an absence is the responsibility of the student, except in cases where the student has an acceptable reason for the absence.
- The attendance policy stated in the catalog applies
- **A bonus of 2.0 points will be awarded** to students whose number of absence from class, late arrivals to class, and early departures from class are not greater than three when added together. **A penalty of –2.0 points will be awarded** if otherwise, unless there are acceptable reasons.
- Note that attendance can be taken at any time during class period. Note also that attendance can be taken more than one time within a class period, depending on the prevailing situation in class.
- Quiz can be given during any class session without prior notice.
- Eating is not allowed in the class. Drinking of beverages or water in the class is not also allowed.
- Cell phones should be shut-off before entering class.

- An extra bonus of at least 1.5 points will be awarded to those that participate very actively in class.

2. Assignments:

- Where to find: All assignments will be given in class or posted on class website.
- Submission and due: Students are required to submit typed hard-copies of their assignments. Late submissions will be penalized.

3. Projects/cases:

Students will be required to turn in written projects/cases. May be required to make oral presentation in class using PowerPoint, the Web, Spreadsheet and/or Database software products; and be able to work well in team environments.

4. Tests and Exams:

There will be two EXAMS. All TESTS and EXAMS first exam (Mid-semester exam) will be an open book exam and will be written in class, during a class period. The Final Exam will be cumulative, covering all topics in the course. It will make up of questions and cases and will be a take-home exam. There is no make-up arrangement. Make-up test/exam will NOT be administered for unacceptable absence.

5. Method of Instruction:

Instruction will be by lectures, hands-on use of Operations Management software, and case analysis. The course will be delivered in a multimedia environment PowerPoint, Videos, Microsoft Excel spreadsheet templates, and Practice Exams on CD-ROMs.

Evaluation Policy.

Assignments and Cases	20.0%
Mid-term Exam (in-class written exam)	40.0%
Final Exam (cases)	40.0%

The grading scale is:

100%-90%	=	A
89%-80%	=	B
79%-70%	=	C
69%-60%	=	D
Less than 60%	=	F

COURSE OUTLINE AND CLASS ASSIGNMENTS (see next page)

WEEK	TOPICS.	CHAPTERS/ HANDOUTS.
1	Introduction, Operations & Supply Strategy	Chapter 1. Chapter 2.
2	Forecasting	Chapter 15.
3	Project Management	Chapter 10
4	Product & Service Design.	Chapter 3
5	Strategic Capacity Management	Chapter 4
6	Process Analysis	Chapter 5
7.	Production Process including Facility layout & Assembly line Balancing	Chapter 6 & 6A
8	Mid-Semester Exam & Mid-Semester Break	
9.	Service Design	Chapter 7
10	Environments & Ethics & International Business	Handout/Extra reading materials
11.	Six Sigma Quality (TQM	Chapters 9
	Lean and Sustainable Supply Chain	Chapter 13
12	Global Sourcing & Procurement	Chapter 11
13	Inventory Control	Chapter 17
14	Sales & Operations Planning	Chapter 16
15	Material Requirements Planning:	Chapter 18

Note: The above **Tentative Class Schedule** and **Assignments** may be revised during the course of the term; you are responsible to keep up with any changes announced in class.

CHEATING.

The student handbook states: Plagiarism, cheating, and other forms of academic dishonesty are prohibited. Students guilty of academic misconduct, either directly or indirectly through participation or assistance, are immediately responsible to the instructor of the class. In addition to other possible disciplinary sanctions which may be imposed through the regular institutional procedures as a result of academic misconduct, the instructor has the authority to assign an F or a zero for the exercise or examination, or to assign an F in the course. If the student believes that he or she has been erroneously accused of academic misconduct, and if his or her final grade has been lowered as a result, the student may appeal the case through the appropriate institutional procedures (Student Handbook, p. 14 for Disciplinary procedures.)

Using someone else's ideas or phrasing and representing those ideas as our own, either on purpose or through carelessness, is a serious offense known as plagiarism. Some else's "Ideas or phrasing" includes those that are lifted from written or spoken sentences, paragraphs or whole papers, magazines, articles journals, books or any other publication. Buying ideas or prepared projects from professional sources or writers and submitting it as your own work amounts to cheating. Using somebody else's statistical data or information, lab results, art work, etc is plagiarism and, therefore, it amounts to cheating. Lifting materials from an electronic resource such as the World Wide Web is cheating.

All students must attach the following statement to all written work submitted for a grade. It is the responsibility of each student to see that this statement is affixed; any assignment lacking this signed statement will be refused

Affidavit

Class: _____ Semester: _____ Professor: _____

Student Name: _____ Date: _____

I attest the work is solely my own; any materials, quotations or ideas that are not original to me are credited with a citation.

Signature