

Mercer University
Stetson School of Business and Economics
Atlanta Campus, Mondays, Summer I 2010
6:00 – 10:15 p.m.

MGT 382.A11: Production / Operations Management (POM)

Instructor: Scott Mahone, Lt. Colonel, US Army (Retired)

Office Hours: Wed: 2 - 10PM, after class and by appt

Office Location: Henry Regional Academic Center

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Course Description	In this course, students will analyze production and service operations systems and their relationship with all other functions and activities in the organization. Deterministic and probabilistic models will be used to support decision-making.
Class Objectives	Through study, analysis, and research, we will develop an understanding of the major elements of production and operations management; the responsibilities of production/operations managers; and the methods and approaches needed for achieving effective management of the POM function.
Prerequisites	MGT 363; MATH 130;and MATH 220 or 226.
Textbook and Other Materials	<u>Operations Management</u> , Stevenson (10 Ed) McGraw-Hill.

Class Assignments and Evaluation

Method of Instruction	<p>The method of instruction will involve readings, lectures, class discussion, Blackboard (web-based), group activities, and a research project with oral presentations.</p> <p>Lecture Notes: While your textbook, with accompanying CD-ROM is an outstanding resource; I will also upload lecture notes/slides on Blackboard. Please <u>download and bring copies</u> for your use to class.</p>
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Three Examinations: These will include short-answer, multiple choice, essays, and problem-solving items. They are designed to stimulate your thinking and to verify your grasps of POM concepts.

Blackboard Participation: We will actively use Blackboard to stimulate our learning. Assigned homework problems should be sent to me via this medium when possible. More details to follow in class on this subject. We will have fun with this superb educational tool!

Weekly Homework: Will be assigned a week in advance during class and attached as the last page on PowerPoint lecture notes (by chapter).

Class Participation

- We are all adults, first and far most, and are not here to waste valuable time or resources. Please take seriously our limited time together.
- Arrive on time for classes and make a conscious attempt to attend **all seven sessions**. 30 class hours will pass quickly 😊.
- Come to class prepared (e.g. having done the readings, completed homework assignments).
- Contribute to class exercises – your thoughts are important to us!
- Maintain your attentiveness and focus during class as we will take pauses and breaks every hour.
- Provide honest, straightforward feedback in a supportive way to fellow colleagues.
- Have fun and enjoy the class.

Assessments

Examinations will be questions drawn from the text, lecture notes, reading assignments and outlines.

Grading Structure	A 90 - 100 %.	C+ 78 - 79%
	B+ 88 - 89 %.	C 70 - 77 %.
	B 80 - 87 %.	D 60 - 69 %.
		F < 60 %.

Evaluation Criteria (100% Scale)	Attendance/Participation (7 mtgs, 2.5% ea)	15%
	Five Homework Assignments (5% ea)	25%
	Three Examinations (20% ea)	<u>60%</u>
	TOTAL	100%

Special Notes

Please use Blackboard e-mail when possible / practical.
 Otherwise, forward e-mails / assignments to both addresses below.
TO: mahone_s@mercer.edu **CC:** scottmahone@bellsouth.net

Mercer University Honor Code and Council: (See Mercer catalog for detailed info.)

Honor Code

Mercer University Atlanta expects each and every student to maintain the highest principles of academic honesty and integrity. Violations of academic honesty represent a breach of the University's expectations and will be regarded as a serious matter. Violations include, but are not limited to, the following:

Plagiarism: The use of ideas, facts, phrases, or additional information such as charts or maps, from any sources, without giving proper credit to the original author. Using direct quotations, paraphrases, or reproductions of any material, which is not of the student's, own authorship is also considered plagiarism. Failure to reference any such material used is both ethically and legally improper.

Cheating, Lying, Stealing: The use of unauthorized sources of information.

Class Conduct and Citizenship

It is your individual duty and responsibility to be prepared to participate in every class session, Blackboard included. Please consider the respect shown to other students (no sidebar conversations, jokes or other distractions) and level of preparation. Before entering the classroom, lab, formal academic or performance event, please turn-off / silence your cell phone, pager, palm pilot and any other electronic mediums. There will be plenty of breaks during class to allow for use of these devices. Protocols for electronic submission of course work and wait lists (if necessary) will be discussed during the initial class session.

Mercer University Disability Assistance

Atlanta and Regional Academic Centers Students with a documented disability should inform the instructor at the close of the first class meeting. The instructor will refer you to Richard Stilley, Assistant Dean of Campus Life, 678-547-6823, for consultation regarding evaluation, documentation of your disability, and recommendations for accommodation, if needed. To take full advantage of disability services, it is recommended that students make contact, immediately. The office is located on the second floor of the Sheffield Student Center in Room 212.

Inclement Weather

If severe weather occurs, classes will be canceled in accordance with the Associate Provost's decision of Mercer-Atlanta. Call the Mercer weather phone for information about class cancellations— (678) 547-6111 or listen to WSB 750 AM.

Textbook and Course Contents (8 Segments)

- Part 1: Introduction (Ch 1, 2)**
- Part 2: Forecasting (Ch 3)**
- Part 3: System Design (Ch 4 – 8)**
- Part 4: Quality (Ch 9 –10)**
- Part 5: Supply Chain Mgmt (Ch 11)**
- Part 6: Inv. Mgmt & Scheduling (Ch 12 - 16)**
- Part 7: Project Mgmt (Ch 17)**
- Part 8: Waiting Lines & Simulation (Ch 18)**

Course Reading & Learning Schedule

SESSION	DATE	SESSION ACTIVITY	PREPARATION (Stevenson)
Class Session #1	24 May 10	Introductions & overview of Syllabus/text. Course Primer, Lecture: Chapters 1, 2	Chapters 1, 2
Class Session # 2	7 Jun 10	Lecture: Chapters 3, 4, 5	Chapters 3, 4, 5
MAKE UP DAY Class Session # 3	11 Jun 10	Exam #1 (<i>Chaps 1, 2, 3, 4, 5</i>) Lecture: Chapters 6, 7	Chapters 6, 7 Lecture Notes / Text Review
Class Session # 4	14 Jun 10	Lecture: Chapters 9, 10, 11	Chapters 9, 10, 11
Class Session # 5	21 Jun 10	Exam #2 (<i>Chap 6, 7, 9, 10, 11</i>) Lecture: Chapters 12, 13	Chapters 12, 13 Lecture Notes / Text Review
Class Session # 6	28 Jun 10	Lecture: Chapters 15, 17, 18	Chapters 15, 17, 18
Class Session # 7	12 Jul 10	Exam #3 (<i>Chaps 12, 13, 15, 17, 18</i>)	Lecture Notes / Text Review