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Spring 1-2016

### BMGT 322.04: Operations Management

Jason H. Triche

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# BMGT 322

## Operations Management

### Spring 2016



#### Instructor Information

Professor: Dr. Jason Triche  
E-mail: [jason.triche@business.umt.edu](mailto:jason.triche@business.umt.edu) (best way to reach me)  
Office Phone: 243-6272  
Office: GBB 314  
Office Hours: T, Th 2:00 – 4:00 pm or by appointment

#### Course Information

Meeting Place GBB L26  
Meeting Time 8:10 – 9:30am Section 3  
9:40 – 11:00am Section 4

This course is a 3-credit hour, full-semester offering covering all aspects of Operations Management. There will be four exams, an Excel assignment, four homework/lab assignments, a supply chain simulation game/paper. Additionally, you will be **required** to attend three of the SoBA Career Development activities held during the semester. Each activity is worth 10 points for a total of 30 points. Your final grade will be based on your relative point standing based on the 600 possible points. Prereq: Junior Standing and completion of Lower Core

#### Textbook (required)

The textbook for the class is **Operations Management: Sustainability and Supply Chain Management** by Jay Heizer and Barry Render published by Pearson Custom Publishing.  
ISBN-10: 1-269-89475-7  
ISBN-13: 978-1-269-87475-3

There are four copies on 2-hour reserve in the Mansfield Library in addition to copies for sale in the UC Bookstore. You will also have access to MyOM Lab for homework and lab assignments.

#### Evaluation

<u>Criterion</u>	<u>Points</u>
○ 4 Exams (100 Points each)	400
○ 4 Homework/Lab Assignments (25 Points each)	100
○ Excel Assignment	30
○ Supply Chain Simulation/Paper	40
○ 3 Career Development Activities (10 Points each)	30
TOTAL	<hr/> 600

Letter grades will be based on the following scale:

A	93% and above
A-	90% to 92%
B+	87% to 89%
B	83% to 86%
B-	80% to 82%
C+	77% to 79%
C	73% to 76%
C-	70% to 72%
D+	67% to 69%
D	63% to 66%
D-	60% to 62%
F	Below 60%

### Expected Learning Objectives and Assessment

Students will:

- Identify the activities along the supply chain that add value when **transforming inputs into outputs** both in the form of tangible (manufactured goods) and intangible (service) products.  
*Assessment Tool: Exams, Supply Chain Simulation, Homework*
- Explain why operations management **drives the profitability of every organization** and is therefore an extremely important educational building block for any business student. However, ***it is important for students to understand that profit gained through unethical behavior is, at best, a short term result which most often leads to disaster in the long run.***  
*Assessment Tool: Exams, Homework*
- Illustrate what is involved in the “**design and development**” from an operations management perspective **of a product** to include organizing a supply chain.  
*Assessment Tool: Exams, Homework*
- Explain how **skills and intelligence** drive success in operations management through discussions of real-world experiences, current trends, and “people skills” type training tools.  
*Assessment Tool: Class Discussion*
- Utilize **quantitative techniques and management science** that impact operations management decision making (i.e., forecasting, statistical quality control, waiting line theory, and project scheduling and tracking tools) to illustrate ***how these tools provide a basis for monitoring personnel and organizational performance*** and ultimately are the basis for problem solving.  
*Assessment Tool: Exams, Homework*

### Policies

### ***Academic Honesty***

All students must practice academic honesty. Academic misconduct is subject to an academic penalty by the course instructor and/or a disciplinary sanction by the University. The University of Montana Student Conduct Code specifies definitions and adjudication processes for academic misconduct and states, "Students at the University of Montana are expected to practice academic honesty at all times." (Section V.A., available at [http://www.umt.edu/vpsa/policies/student\\_conduct.php](http://www.umt.edu/vpsa/policies/student_conduct.php)). All students need to be familiar with the Student Conduct Code. It is the student's responsibility to be familiar the Student Conduct Code. [SoBA Professional Conduct](http://www.business.umt.edu/Soba/SoBAEthics/CodeofProfessionalConduct.aspx). (link: <http://www.business.umt.edu/Soba/SoBAEthics/CodeofProfessionalConduct.aspx>)

### ***Late Policies***

Homework assignments are due on the due date and times as listed in MyOM Lab, in the syllabus, and as announced in class. Late homework assignments will receive a zero (0).

### ***Makeup Exams***

Makeup Exams must be approved prior to missing the exam. No makeup exams will be allowed if the absence is not pre-approved.

### ***E-mail Policy***

According to university policy for e-mail correspondence, you must use either your umontana or your grizmail email account and you must send your e-mail to my e-mail address shown above. (Do not send email through Moodle.) Please include Section number in the subject line of your email. Recently, business professionals, professors, and instructors have expressed concerns about student writing skills. It is easy to get out of the habit of using proper language skills and manners when e-mailing or text messaging. Please be cognizant of proper email etiquette when emailing me. Do not use slang or acronyms when sending me an email. It is good practice for when you start working in industry. I will not take off any points for non-professional emails, but I reserve the right to correct or ignore the e-mail.

### ***Disability Services for Students***

The University of Montana assures equal access to instruction through collaboration between students with disabilities, instructors, and Disability Services for Students. If you think you may have a disability adversely affecting your academic performance, and you have not already registered with Disability Services, please contact Disability Services in Lommason Center 154 or 406.243.2243. I will work with you and Disability Services to provide an appropriate modification.

### ***Mission Statements and Assurance of Learning***

The University of Montana's School of Business Administration enhances lives and benefits society by providing a world-class business education in a supportive, collegial environment.

We accomplish this mission by acting on our shared core values of creating significant experiences, building relationships, teaching and researching relevant topics, behaving ethically, and inspiring individuals to thrive.

As part of our assessment process and assurance-of-learning standards, the School of Business Administration has adopted the following learning goals for our undergraduate students:

Learning Goal 1: SoBA graduates will possess fundamental business knowledge.

Learning Goal 2: SoBA graduates will be able to integrate business knowledge.

Learning Goal 3: SoBA graduates will be effective communicators.

Learning Goal 4: SoBA graduates will possess problem solving skills.

Learning Goal 5: SoBA graduates will have an ethical awareness.

Learning Goal 6: SoBA graduates will be proficient users of technology.

Learning Goal 7: SoBA graduates will understand the global business environment in which they operate.

### **Career Development Activities**

See separate document on Moodle called Career Development Assignments. As a reminder, all activities must be complete by **April 15, 2016**.

**Schedule** (Chapter Dates Subject to Change – Exam dates will not change)

Jan 26	Read Syllabus, Chapter 1 – Class will not meet	
Jan 28	Introduction to Course, Chapter 1: Operations and Productivity	
Feb 2	Excel Recap	
Feb 4	Module A: Decision-Making Tools	
Feb 9	Chapter 2: Project Management	<b>Excel Assignment Due</b>
Feb 11	Chapter 2: Project Management	
Feb 16	Chapter 4: Forecasting	
Feb 18	Chapter 4: Forecasting	
Feb 23	<b>Exam 1</b>	<b>Homework 1 Due</b>
Feb 25	Chapter 6: Managing Quality	
Mar 1	Supplement 6: Statistical Process Control	
Mar 3	Chapter 7: Process Strategy	
Mar 8	Supplement 7: Capacity and Constraint Management	
Mar 10	Module B: Linear Programming	
Mar 15	Module B: Linear Programming	
Mar 17	<b>Exam 2</b>	<b>Homework 2 Due</b>
Mar 22	Guest Speaker	
Mar 24	Chapter 11: Supply Chain Management	
Mar 29	Supplement 11: Supply Chain Analytics	
Mar 31	Supply Chain Simulation	
Apr 5	Spring Break	
Apr 7	Spring Break	
Apr 12	Module D: Waiting-Line Models	
Apr 14	<b>Exam 3</b>	<b>Homework 3 Due</b>
Apr 19	Chapter 12: Inventory Management	<b>Supply Chain Paper Due</b>
Apr 21	Chapter 12: Inventory Management	
Apr 26	Chapter 16: JIT, TPS, and Lean Operations	
Apr 28	Module F: Simulation	
May 3	Module F: Simulation	
May 5	Review	<b>Homework 4 Due</b>
May 10	Section 3 (8:10 – 9:30)	<b>Exam 4</b>
May 11	Section 4 (8:10 – 9:30)	<b>Exam 4</b>

I will announce all changes to the schedule in class and on Moodle.