

<b>Course Number:</b>	OIM 352	<b>Instructor:</b>	Dr. N. Tamimi
<b>Course Title:</b>	An Introduction to Operations Management	<b>Semester:</b>	Spring 2019
<b>Prerequisites:</b>	OIM 351, Stat 252	<b>Office:</b>	437 Brennan Hall
<b>Office Hours:</b>	3:45 pm – 5:15 pm Tuesdays & Thursdays	<b>Phone:</b>	941-4288 941-4209 (Administrative Assistant)
<b>Email:</b>	<a href="mailto:nabil.tamimi@scranton.edu">nabil.tamimi@scranton.edu</a>		
<b>Homepage:</b>	<a href="http://ksomweb.scranton.edu/tamimi/">http://ksomweb.scranton.edu/tamimi/</a>		

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## SYLLABUS

**Catalog Description:** An introductory course designed to give the student a functional view of how to manage the activities involved in the process of converting or transforming resources into products or services. Topics covered include an overview of strategic decisions, forecasting, product design, process planning, facility layout, basic inventory models, capacity planning, aggregate planning and scheduling.

### **Required Text:**

**Text:** Operations Management

**Author:** William J. Stevenson

**Publisher:** McGraw Hill

**Year/Ed:** 2018/13th ed.

**ISBN-13:** 9781259667473

**ISBN-10:** 1259667472

**Availability:** Print

\*\*\* A cheaper, customized version of this text is available through the University Bookstore (ISBN 9781307012859).

**Course Objectives & Methodology:** The objectives of this course are: to acquaint students with the critical role of operations managers in the firm; their contribution, problems, and methods of work. The course will consist of lectures supplemented by numerous in-class Excel exercises that will be part of the overall grade. Students will be required to use Excel spreadsheets to set up and solve a variety of operations management applications.

1. Each student will appreciate the critical role of operations managers in the firm; their contribution, problems and methods of work. (Linked to KSOM's learning goal 5A)
2. Each student will understand the responsibilities and activities of operations managers and their interactions with other principal functions of business. (Linked to KSOM's learning goal 4A)
3. Each student will be able to recognize, formulate, and analyze decisions of operations managers. (Linked to KSOM's learning goal 2B)
4. Each student will understand how quantitative and computing methods will aid in solving operations related problems. (Linked to KSOM's learning goal 5A and 2B)
5. Each student will be able to use the appropriate computer software (e.g., spreadsheets) to analyze and solve problems related to operations functions. (Linked to KSOM's learning goal 2B and 5A)

**Attendance and Grading:** Students are expected to attend all scheduled class meetings and participate in class discussions. Every student is responsible for all materials presented and announcements made during any class. **There will be no make-up exams. Please do not schedule any vacations during the exam dates stipulated below. Make-ups will be given only at the discretion of the instructor in cases of serious medical emergencies as evidenced by a written doctor's report.** The final grade will be determined as follows:

Exam 1:	28%	(Tuesday, February 26, 2019)
Exam 2:	28%	(Tuesday, April 2, 2019)
Exam 3:	28%	(Thursday, May 2, 2019)
Attendance & In-class Excel Assignments:	16%	<b>(missing more than 3 classes will result in an automatic grade of zero)</b>

The following grading scale will be used in determining your final grade:

90%-100%	A	77%-75%	C+
89%-87%	A-	74%-70%	C
86%-84%	B+	69%-65%	C-
83%-81%	B	64%-60%	D+
80%-78%	B-	59%-55%	D
		Below 55%	F

The tentative schedule of readings for the semester is as follows:

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<i>Topic</i>	<i>Chapter</i>
Introduction to Operations Management	1
Competitiveness, Strategy, and Productivity	2
Forecasting	3
Product and Service Design	4
Capacity Planning	5
Location Planning & Analysis	8
Management of Quality	9
Quality Control	10
Aggregate Planning & Master Scheduling	11
Inventory Management	13
MRP and ERP	12
JIT & Lean Operations	14

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### **Academic Code of Honesty**

All students are expected to adhere to the Academic Code of Honesty (see:

[http://catalog.scranton.edu/content.php?catoid=33&navoid=3851#Academic\\_Code\\_of\\_Honesty](http://catalog.scranton.edu/content.php?catoid=33&navoid=3851#Academic_Code_of_Honesty)).

### **Policy on Students with Disabilities**

It is the student's responsibility to apply for accommodations under the Americans with Disabilities Act (ADA). In order to receive appropriate accommodations, students with disabilities must register with the Center for Teaching and Learning Excellence and provide relevant and current documentation. Students should contact Mary Ellen Pichiarello (570-941-4039, LSC 580) or Dr. Andrée Catalfamo (570-941-4218, LSC 582E) for an appointment. For more information, please visit [www.scranton.edu/disabilities](http://www.scranton.edu/disabilities).

### **Writing Center Services**

The Writing Center focuses on helping students become better writers. Consultants will work one-on-one with students to discuss students' work and provide feedback at any stage of the writing process. Scheduling appointments early in the writing progress is encouraged.

To meet with a writing consultant, call (570) 941-6147 to schedule an appointment, or send an email with your available meeting times, the course for which you need assistance, and your phone number to: [writing-center@scranton.edu](mailto:writing-center@scranton.edu). Online appointments are also available - connecting virtually using Google Docs and Google Talk.

### **Notice of Nondiscriminatory Policy**

The University of Scranton admits students without regard to their race, color, religion, national origin, ancestry, sex, sexual orientation, or age to all the rights, privileges, programs, and activities generally accorded or made available to students at the school. The University does not discriminate on the basis of race, color, religion, national origin, ancestry, sex, sexual orientation, or age in administration of its educational policies, admission policies, scholarship and loan

programs, and athletic and other school-administered programs. Otherwise qualified persons are not subject to discrimination on the basis of handicap or disability. If you believe you have been discriminated against because of race, color, religion, national origin, ancestry, sex, sexual orientation, age, or handicap or disability, please contact the Director of Equity and Diversity at (570) 941-6645.