

careers in
operations
management



what is

operations management?

Operations Management (OM) is the production of goods and services and encompasses the entire value chain from concept through delivery. OM embraces approaches to maximize stakeholder value throughout this value chain.

OPERATIONS MANAGEMENT INCLUDES

- > selection of manufacturing and distribution processes
- > design of facility networks
- > procedures
- > information flows
- > management of system parameters, such as capacity and scale, and the way in which a firm partners with suppliers and customers
- > choice of technologies
- > scheduling



Jamie Bonini, LFM '92, MBA/MS in Engineering, General Manager, Supplier Commodity Engineering, Toyota Motor Engineering & Manufacturing North America, gives a lecture to the Operations Strategy Class.

Inside the Classroom

Operations

- 15.760 Introduction to Operations Management
- 15.762 Supply Chain Planning
- 15.763 Manufacturing System and Supply Chain Design
- 15.764 Theory of Operations Management
- 15.765J International Supply Chain Management
- 15.768 Management of Services: Concepts, Design, and Delivery
- 15.769 Operations Strategy
- 15.770 Logistics Systems
- 15.771J Case Studies in Logistics and Supply Chain Management
- 15.778 Management of Supply Networks for Products and Services
- 15.783J Product Design and Development

Leaders for Manufacturing Program

MIT Sloan's unique, dual-degree "Leaders for Manufacturing" Program provides an outstanding opportunity for students to delve deeply into operations within both the manufacturing and the service industries. MBA students interested in operations often travel with LFM students on two-week plant tours of facilities across the United States. <http://lfm.mit.edu>



Jérémie Gallien

Jérémie Gallien is the J. Spencer Standish Career Development Professor in the Operations Management Group of the MIT Sloan School of Management, and he is also affiliated with the MIT Operations Research Center. His research interests span all applications of Applied

Mathematics to Electronic Commerce (design of Intelligent Market Mechanisms and Smart Auctions) as well as Pricing and Revenue Optimization, Planning, Scheduling and Procurement. Professor Gallien is a citizen of France, and holds a Eng.D. in Production Systems from the Ecole des Mines de Paris as well as a Ph.D. in Operations Research from MIT.

"LFM partner companies are involved in students' six-month guaranteed internships. They host our students on major domestic and international tours and give seminars to our students."

— Don Rosenfield, Director,
Leaders for Manufacturing Fellows Program



Role-playing a logistician for Save the Children, Ellen Tompsett, MBA '09, questions a refugee camp manager during a humanitarian crisis exercise.

Representative Employers

- > Boeing
- > Johnson & Johnson
- > Amazon.com
- > Microsoft
- > Intel
- > Lucent
- > MassPort Authority
- > Dell
- > Southwest Airlines

Management Consulting in Operations

- > McKinsey and Company
- > AT Kearney
- > Booz Allen Hamilton
- > PRTM

Outside the Classroom

- > Operations Club
- > Guest Speakers
- > Operations Competition

"Operations at MIT Sloan is fantastic. For example, the Operations Management Club has opened entirely new doors for me. Through the club, I have heard a number of interesting speakers from industry as well as consulting firms, participated (and won!) a case competition, and done a consulting project for a local company. These opportunities were invaluable, both in terms of my growth as well as my search for a summer internship. I spoke about all of these experiences in my interviews, and they helped me land a great internship at Amazon.com."

— Michael Beaser, MBA '09

“I came to MIT Sloan with the notion that operations management was for people who were engineers or who wanted to be plant managers. Boy, was I wrong! Operations management is critical to all companies, and MIT Sloan is a great place to learn it. The professors are passionate and there are countless opportunities to learn about operations management both inside and outside of the classroom. And on top of that — companies come to MIT Sloan looking for their future leaders in operations management. How cool is that?!”

— Steven Rulison, MBA '09

“I came to MIT Sloan because of its top ranking in operations management and definitely have not been disappointed. There have been so many opportunities to hear industry leaders speak about operations, and many treks to see plants and distribution centers. My favorite trip was to Jetblue at New York's JFK airport — seeing their control room and the baggage handling operations was awesome.”

— Allison Geuder, MBA '08



want **more?**

<http://mitsloan.mit.edu/mba>