

*The University of Pennsylvania · The Wharton School
Operations, Information and Decisions Department*

**OIDD 6150: Operations Strategy
Spring 2023 Syllabus**

[This version: November 8, 2022 Subject to revision. See canvas for all updates.]

Course Instructor:

Professor Senthil Veeraraghavan

Email: senthilv@wharton.upenn.edu

Course Hours: Tuesdays 130-3pm EST and by appointment.

Course Meeting Times and Location

OIDD 615 001 Mondays and Wednesdays, 10:15AM-11:45AM.

OIDD 615 003 Mondays and Wednesdays, 1:45PM-3:15PM.

Course Teaching Assistants (TA):

Shrey Malpani (MBA '23)

smalpani@wharton.upenn.edu

Office hours: On Canvas.

Course Website:

<https://canvas.upenn.edu/courses/>

Course Description:

Operations strategy is about organizing people and resources to deliver goods and services to customers. This course provides a foundation of analytical methods to make these high-level choices, focusing on plan and execution. These methods give students a conceptual framework for understanding the linkage between how a firm manages its supply and how well that supply matches the demand. This course is a mixture of both theory and class discussions. Both factors are important for a complete, well balanced learning experience.

Pre-requisites: An interest in quantitative understanding of business decisions. Some exposure to Statistics (what is covered in the first year preterm is sufficient)

Course Grading

Your grade is based on your ranking across the sections of the class, subject to MBA grading requirements. A failing grade is received when class performance on a class component is particularly poor. For example, 35% or less correct answers on the final exam, or missing/late to a number of class sessions.

Timeliness, Class Preparation and Participation Grades: (30% - weighted equally)

- o The first session is mandatory. If you are on waitlist, you are encouraged to attend the first session.
- o In all sessions, you are assessed on three independent components.
- o **Attendance & Timeliness:** Please be ready to participate at start of each session in your assigned seat (on Seating Chart). I value your time at Wharton. I will begin and end classes on time. You gain attendance points only for being in your seat at the start of class.
- o **Class Participation:** You gain participation for meaningful contribution to discussions (as judged by your instructor).
- o **Class Preparation:** On the days of case discussions, you answer a short poll (few minutes) that is due on Canvas by 9 am. I ask people to complete this poll by the previous evening. The poll questions are multiple-choice type or short answers. “Incorrect” prep answers are not penalized. (In fact, I welcome them as they help with classroom learning).
- o You should do case preparation for at least 5 out of 7 discussions, i.e., you can miss up to 2 case preps without penalty.
- o To improve equity, I will “warm” call on students.
- o We will watch “current” events and integrate them in our in-class & canvas discussions.

Individual Homework assignments: (30%)

- o There are three graded homework assignments. (Due on Thursdays Jan 26, Feb 9, Feb 23). All assignments are weighted equally.
- o Assignments are due at 11:59pm ET on the due date. Late assignments are not accepted.
- o Your work must be submitted electronically through the Canvas course website.
- o Each student must complete his or her own assignment. However, to promote learning, students are allowed to discuss questions with other students. Use collaboration *judiciously*, and only for learning purposes.
- o No partial credit will be given.

Final exam: (40%)

- o The final exam is based on the complete contents of the course: analytical tools, lectures, in-class case discussions, etc.
- o The final exam is open book - open notes and contains both quantitative and qualitative questions.
- o Since it is a large class, the administration (and your instructor) is strict about ensuring all students take the exam on the assigned date and time. Please mark your calendars! If you have a course conflict or an unforeseen health family issue, please talk to the MBA office – who are the only channel for exam exemption.

Please see Provost’s Rules regarding Penn Final Exam date.

<https://catalog.upenn.edu/pennbook/final-examinations/>

Readings and Handouts

Handouts: I will distribute paper handouts in class and my class-notes on Canvas.

Cases: Available on study.net link on Canvas.

Textbook: Recommended (Not required). Selected chapters from Cachon, G. P. & Terwiesch, C. *Matching supply with demand: An introduction to operations management*. Fourth Edition. 2022. Boston, MA: McGraw Hill. (Penn Book store sometimes carries print versions. E-book option is available at www.mcgrawhillcreate.com/shop (search for OIDD 615).

Device Policies: Follows the MBA Program policy strictly. No Laptops and devices during class unless explicitly granted permission by the instructor.

Notes:

- o If you are using different editions of the textbook, please note that there are many differences, including the chapter numbers, but class sessions will form the basic framework.

When should a student read the class material?

- o Cases: Read *before* class as preparation. Cases define the *minimum* information necessary for class discussion.
- o Articles: Recommended. Read them to maximize your classroom learning experience.
- o Text chapters: Read before or after the class session.

Course Ethics / Code of Conduct Summary

	Materials							People				
OPIM 615: Operations Strategy	Approved calculator	Laptop / other electronics	Summary sheet	Book / class notes/ Canvas materials	Past notes / summaries	Past exams / assignments	Outside materials	Learning team / approved work team	Other student(s) in same section	Student(s) in other sections (same term)	Wharton student not taking the class this term	Person outside of Wharton
Readings & Cases	A	A	A	A	A	A	A	W	W	W		
Assignments	A	A	A	A	A	A	A	W	W	W		
Final Exam Prep	A	A	A	A	A	A	A	W	W	W		
Final Exam	A	A	A	A	A	A	A					
In-Class	A	A	A	A	A	A	A					
	A = Allowed material Shaded Cell = Not allowed NA = Not Applicable							W = Allowed to work together D = Discussion of general concepts and procedures is allowed but no sharing of specific answers. Shaded Cell = Not allowed				