

**YORK UNIVERSITY**  
Liberal Arts & Professional Studies  
Operations Management  
Fall 2022, AP/ADMS **3351 Section F & G** (Online)  
Cross-listed as AP/ECON 3120

**Course Director:** Dr. Mustafa Karakul,

**Email:** mkarakul@yorku.ca

**Time:** Wednesday, 7:00pm – 10:00pm (Day and Time Selected for Quizzes)

**Location:** Online delivery, Virtual Classroom using ZOOM

**Office Hours:** Please send your questions via email; they will be answered within 24-48 hours. In certain cases, zoom meetings may be arranged to address more complicated questions.

**Course Description:**

Management of operations in today's business environment usually involves mathematical and statistical modeling. This course provides a working understanding of the operations management models and techniques such as process analysis, quality management, aggregate planning, inventory control, and material requirements planning.

**Prerequisite:** AP/ADMS 2320 3.0 (or AP/ECON 2500 3.0)

**Course Website:** <https://eClass.yorku.ca/>

**Required Textbook:**

F.R. Jacobs, R.B. Chase, *Operations and Supply Chain Management: The Core*, 5th Edition, McGraw-Hill Education, 2020. Supporting/Additional material (if any) will be posted on the course website.

**Course Evaluation:**

Test – I	20%
Test – II	20%
Quizzes (5 each 7%)	35%
Final Exam	<u>25 %</u>
Total	100 %

**Tutorials:**

Tutorial video sessions-will be posted in the course eClass site. Further information will be posted on the course eClass site.

### **Technical requirements for taking the course:**

- Students who are enrolled in this course must have access to a laptop or desktop computer with a camera and microphone and/or a smart device with these features. Students who are enrolled in this course will be expected to use ZOOM software to attend lectures.
- ***Students must also have a stable Internet connection, or they will be facing significant challenges throughout the course.***  
To determine Internet connection and speed, there are many tools available online or from your ISP.
- During test/exam students may be asked to turn on camera for confirmation of identity.
- Here are some useful links for student computing information, resources and help:
  - [Student Guide to eClass](https://lthelp.yorku.ca/student-guide-to-moodle)  
(<https://lthelp.yorku.ca/student-guide-to-moodle>)
  - [Zoom@YorkU Best Practices](https://staff.computing.yorku.ca/wp-content/uploads/sites/3/2020/03/Zoom@YorkU-Best-Practicesv2.pdf)  
<https://staff.computing.yorku.ca/wp-content/uploads/sites/3/2020/03/Zoom@YorkU-Best-Practicesv2.pdf>
  - [Zoom@YorkU User Reference Guide](http://staff.computing.yorku.ca/wp-content/uploads/sites/3/2012/02/Zoom@YorkU-User-Reference-Guide.pdf)  
<http://staff.computing.yorku.ca/wp-content/uploads/sites/3/2012/02/Zoom@YorkU-User-Reference-Guide.pdf>
  - [Computing for Students Website](https://student.computing.yorku.ca/) (<https://student.computing.yorku.ca/>)
  - [Student Guide to eLearning at York University](http://elearning-guide.apps01.yorku.ca/) (<http://elearning-guide.apps01.yorku.ca/>)

### **Academic honesty and integrity**

In this course, we strive to maintain academic integrity to the highest extent possible. Please familiarize yourself with the meaning of academic integrity by completing SPARK's [Academic Integrity module](#) at the beginning of the course. Breaches of academic integrity range from cheating to plagiarism (i.e., the improper crediting of another's work, the representation of another's ideas as your own, etc.). All instances of academic dishonesty in this course will be reported to the appropriate university authorities, and can be punishable according to the [Senate Policy on Academic Honesty](#).

## General Policy

1. **WARNING: Distribution or uploading of course content is STRICTLY PROHIBITED. All material is copyright protected.**
2. Concerns regarding marks **will not be entertained after a week** from the release of the marks/result.
3. Students will not be allowed to write the quizzes, term tests, or the final exam, unless they are on the class list.
4. Due to unavoidable circumstances if any lecture is missed due to technical reason, date for make-up lecture will be announced on course web site.
5. Please ensure you read all documentation on the course eClass site.
6. It is your responsibility to visit course eClass site on a regular basis.
7. If you have a query about the questions solved in any tutorial session, communicate directly with the tutor, if you are not satisfied with the reply of your tutor, then contact your professor.
8. Due to high volume of emails during remote learning, it might be possible that replies to your email queries might take longer than usual. Please expect no (or limited) response to your e-mails during the weekends.
9. Please note that this is now a remote teaching online course. The entire course, including the lectures, participation/discussion and test/exam-taking, will take place on the course website on eClass.
  - the recordings should be used for educational purposes only and as a means for enhancing accessibility;
  - students do not have permission to duplicate, copy and/or distribute the recordings outside of the class (these acts can violate not only copyright laws but also [FIPPA](#));
  - all recordings will be destroyed after the end of classes.
10. For some common language about academic integrity, and the online tools used to promote it, please see the text in blue font above.
11. This course might require the use of online proctoring for examinations. The instructor may use an online proctoring service to deliver the exam(s), which would be administered through the Learning Management System (e.g., eClass, Canvas, etc.). Students are required to have access to minimum technology requirements to complete examinations. If an online proctoring service is used, students will need to become familiar with it at least five days before exam(s). For technology requirements, Frequently Asked Questions (FAQs) and details about the online proctoring service will be made available if used. Students are required to share any IT accommodation needs with the instructor as soon as they are able.

12. Several platforms will be used in this course (e.g., eClass, Canvas, Zoom, etc.) through which students will interact with the course materials, the course director / TA, as well as with one another. Please review the syllabus to determine how the class meets (in whole or in part), and how office hours and presentations will be conducted.

Students shall note the following:

- Zoom is hosted on servers in the U.S. This includes recordings done through Zoom.
- If you have privacy concerns about your data, provide only your first name or a nickname when you join a session.
- The system is configured in a way that all participants are automatically notified when a session is being recorded. In other words, a session cannot be recorded without you knowing about it.

Technology requirements/Information for eClass can be found here:

<https://www.yorku.ca/eclass/>

*While all individuals are expected to satisfy the requirements of their program of study and to aspire to achieve excellence, the university recognizes that persons with disabilities may require reasonable accommodation to enable them to perform at their best. The university encourages students with disabilities to register with **Student Accessibility Services** to discuss their accommodation needs as early as possible in the term to establish the recommended academic accommodations that will be communicated to Course Directors as necessary. **Please let me know as early as possible in the term if you anticipate requiring academic accommodation so that we can discuss how to consider your accommodation needs within the context of this course.***

***Students registered with Student Accessibility Services are instructed to deliver the letter of accommodation to each of their course directors via email within the first two weeks of class.***

## **Quizzes, Term Tests and Final Exam Policies**

1. All quizzes, tests and the final exam will be done **online**.
2. Information concerning the Quizzes, Term Tests and Final Exams will be posted on course eClass site.
3. There are **5** Quizzes, dates of which are given in the schedule below. Quizzes will be taken online using eClass, and will be at the beginning of the class it is scheduled in. Quizzes will be about 15-20 minutes long. No makeups will be available for each Quiz. However, there will be an optional cumulative make-up Quiz on the last day of classes. Any student can take this Cumulative make-up Quiz to improve one of their poor Quiz scores or to replace a missed Quiz.
4. There are two common term tests each of which is worth 20% of your overall grade.
5. Both term tests and the final examination may consist of multiple-choice questions and worded questions.
6. If you miss a term test, the weight of one and only one missed test (20%) will be automatically (no documents such as doctor notes needed) transferred to the final examination. If you miss both term tests, your final examination will only weigh 45%.
7. The final examination will be comprehensive if you miss any one or both term tests. That is, if you miss one term test, or both you will be writing a final exam that includes material from the entire semester. Duration of Comprehensive Final Exam might be different than the Regular Final Exam.
8. A Cumulative Formula Sheet will be posted on your course's eClass website. You can use this formula sheet in all of your Quizzes/Tests/Exam.
9. ***There are no alternative exam dates and times for the Term Tests.***
10. If students miss the Final Examination and have to defer the exam, the deferred exam will be a **comprehensive** examination.
11. Due to concerns regarding copyright issues, online tests (Quizzes/Term Tests/Final Exam) are treated as purely **assessment tools**. If you do not miss a regularly scheduled test, you will not be tested on the material covered in that test again. Hence, the feedback regarding tests will be given to students as explained in the next two points.
12. Online tests will be marked online, and the results will be posted on your course's eClass site. If you need to get markers' feedback, you will need to put a request by emailing your professor **within five days from the date the marks are posted**. Any query after five days will not be entertained. It is your responsibility to visit the eClass (common and your section) on regular basis.

13. After getting markers' feedback, if you are still not satisfied then you can request your professor to re-appraise the test. However, note that the whole test, not the part you like will be re-assessed, three outcomes are possible, your marks might stay the same; increase; or decrease.
14. Your solutions need to be hand-written!
15. You are not allowed to use **ANY** software to solve and/or type your answers in any of your Tests/exam, if used then that will not be considered part of your Test/Exam, hence will not be marked.
16. Once you start any Testing Component (Quizzes, Tests or Exam) you are digitally signed for that testing component. If you quit after starting a test, then whatever you attempted will be marked and will be in your records.
17. If you need religious accommodations, please follow the York University policy/procedure and once approved, update your professor at least 96 hours prior to the testing component.
18. Quizzes, Tests and Final Exam will all be online. For the Tests and Final Exam, you will need to upload on the eClass site a scan or photo of your work as required for each question. (Note: When the allotted time is over, eClass will automatically submit whatever work/files you have **uploaded**. *Note that the files must have been already uploaded though, and this needs to be done before the last minute of the given time.* You do not have to send an email to your professor asking to check whether or not your work/files have been uploaded. It is your responsibility to ensure they are uploaded properly within the time provided. Such email inquiries will not be answered.)
19. Due to strict copyright rules Quiz cannot be reviewed online. If you want to, you can apply for re-appraisal, and your professor will re-appraise it and update you of the outcome.
20. While taking your Quizzes/Tests/Final Exam, the questions will be provided to you in a sequential manner. You will be asked to answer a question and submit your answer, and then move on to the next question. After you submit your answer to a question, there will be no further access to that question in the test.

### **Course Schedule:**

Note that the course schedule below is subject to change as deemed appropriate/necessary by the Professor during the semester.

On the first lecture scheduled below we will hold a ZOOM session, details of which will be posted on our eClass site "Announcements" section. On this ZOOM session, we will discuss the course outline and the mechanics of how the course will be conducted.

After the first week, the related material such as audio/video lecture files and/or lecture notes for each online class scheduled below will be posted on the eClass site a week in-advance. Students are expected to go over the audio/video files, read the chapter(s) and go over the lecture notes before the scheduled class time.

During the class time, if you are scheduled to take a quiz, you will have your quiz online and next week's material will be made available on the eClass site. There will be NO synchronous ZOOM classes except the professor might schedule office hours before the Term Tests and the Final Exam.

Session	Date	Topic	Quiz/Chapters
1	Sep 07	Operations & Supply Chain Management Operations & Supply Chain Strategy Projects	Ch 1 Ch 2 Ch 5
2	Sep 14	Projects (Cont'd) - <b>OMIT</b> : Earned Value Management	Ch 5
3	Sep 21	Manufacturing Processes	Ch 6 <b>Q1* – Chs 1,2,5</b>
4	Sep 28	Service Processes	Ch 7
5	Oct 05	Quality Management and Six-Sigma	<b>Q2 – Chs 6 &amp; 7</b> Ch 10
	<b>Oct 12</b>	<b>No Class – Reading Week</b>	
	<b>Oct 16 SUNDAY</b>	<b>Term Test I Time Slot 6:00 pm - 9:00 pm</b> <b>Location: ONLINE on eClass</b>	<b>Chapters 1,2,5, and 6</b>
6	Oct 19	Quality Management and Six-Sigma	Ch 10
7	Oct 26	Forecasting	<b>Q3 – Ch 10</b> Ch 3
8	Nov 02	Sales & Operations Planning	Ch 8
9	Nov 09	Inventory Management	<b>Q4 – Ch 3 &amp; 8</b> Ch 11
	<b>Nov 13 SUNDAY</b>	<b>Term Test II Time Slot 10:00 am - 1:00 pm</b> <b>Location: ONLINE on eClass</b>	<b>Chapters 3, 7, 10</b>
10	Nov 16	Inventory Management (Cont'd)	Ch 11
11	Nov 23	Material Requirements Planning	Ch 9 <b>Q5 – Ch 11</b>
	<b>Nov 30</b>	<b>Make-up Quiz</b>	<b>Q6 – Cumulative</b>
<b>Common Final Examination**</b> <b>(Dec 8-23) (Date and time to be announced on registrar's/university website)</b>			

\***Qi** refers to Quiz i, i =1,2,3,4,5,6. Quizzes will be held at the beginning of the class. As it will be provided using eClass, students need to be on time, as extra time cannot be provided. Q6 refers to the cumulative makeup quiz to be offered on the last day of the classes for your section.

\*\* If the student wrote both term tests, Coverage will be Chapters 8,9 and 11. If a student misses a term test (or both term tests), his/her final exam will be a more balanced comprehensive exam that covers all chapters.

## **RELEVANT UNIVERSITY/LA&PS/SCHOOL REGULATIONS**

**Applicable to all ADMS and DEMS courses**

### **RELEVANT UNIVERSITY REGULATIONS**

[University & School Policies](#)

**NOTE:** The deferred examination will be cumulative/comprehensive and cover all material for the semester. This applies to all students writing a deferred Final Exam, including those who wrote both Test 1 and Test 2.