



Business and Economics

OPSMGT 255 : Introduction to Operations and Supply Chain Management (15 POINTS)

2021 Semester One

Course Prescription

An introduction to important decision areas in operations and supply chain management. Modelling and analytical skills will be developed and supporting techniques/tools will be introduced using spreadsheets. Common qualitative and quantitative aspects of supply chain management will be discussed.

Course Overview

The course provides an introductory understanding of operations and supply chain management that will serve as a good foundation for such Stage-III courses as operations and supply chain strategy, business logistics, and strategic procurement. The course has multiple goals, including providing students with a range of skills. Students will master the fundamentals of operations and supply chain management thinking, including an understanding of the strategic issues relating to the operations and supply chain management functions in the global business environment. Students will learn to identify areas for improvement and will be able to apply a range of new tools to exercise the appropriate improvements. Development of modelling and analytical skills in the computer labs will equip students with the ability to solve several common types of operations and supply chain management problems. The course also discusses how information technology can improve the competitive position of the entire supply chain. These skills are developed through class material, practice in class, assignments, and case studies.

Course Requirements

Prerequisite: INFOSYS 110 and STATS 101 or 108

Capabilities Developed in this Course

- Capability 1: Disciplinary Knowledge and Practice
- Capability 2: Critical Thinking
- Capability 3: Solution Seeking
- Capability 4: Communication and Engagement

Graduate Profile: [Bachelor of Commerce](#)

Learning Outcomes

By the end of this course, students will be able to:

1. Explain the importance of operations and supply chain management in today's global environment and show how its effective implementation can lead to competitive advantages. (Capability 1)
2. Identify operations and supply chain management issues and choose appropriate tools and techniques to enhance operations and supply chain management. (Capability 2 and 3)
3. Construct models using spreadsheets to solve simple operations and supply chain management problems. (Capability 3)
4. Demonstrate how the theoretical concepts described in the course may be effectively applied in practice by companies. (Capability 4.1, 4.2 and 4.3)

Assessments

Assessment Type	Percentage	Classification
Assignments	16%	Individual Coursework
Project	15%	Group Coursework
Laboratories	4%	Individual Coursework
Test	20%	Individual Test
Final Exam	45%	Individual Examination
5 types	100%	

Assessment Type	Learning Outcome Addressed			
	1	2	3	4
Assignments	✓	✓		
Project		✓		✓
Laboratories			✓	
Test	✓	✓		
Final Exam	✓	✓		

Students must pass the final exam to pass the course.

Workload Expectations

This course is a standard 15-point course and students are expected to spend 10 hours per week involved in each 15 point course that they are enrolled in.

For this course, you can expect 3 hours of lectures and workshops, a 1-hour computer lab session, 3 hours of reading and thinking about the content and 3 hours of work on assignments and/or test preparation.

Delivery Mode

Campus Experience

Attendance is required at scheduled activities including labs to receive credit for components of the course.

Lectures will be available as recordings. Other learning activities including labs will not be available as recordings.

The course will include live online events including group discussions.

Attendance on campus is required for the test and exam.

The activities for the course are scheduled as a standard weekly timetable.

Learning Resources

The recommended textbook is Russell, R. S., & Taylor, B. W. (2020). Operations and Supply Chain Management: Wiley, 10th Ed., ISBN 978-1-119-57764-5.

A complete reading list is available on Canvas. The readings include book chapters, academic articles, and case studies.

Student Feedback

At the end of every semester students will be invited to give feedback on the course and teaching through a tool called SET or Qualtrics. The lecturers and course co-ordinators will consider all feedback and respond with summaries and actions.

Your feedback helps teachers to improve the course and its delivery for future students.

Class Representatives in each class can take feedback to the department and faculty staff-student consultative committees.

Digital Resources

Course materials are made available in a learning and collaboration tool called Canvas which also includes reading lists and lecture recordings (where available).

Please remember that the recording of any class on a personal device requires the permission of the instructor.

Academic Integrity

The University of Auckland will not tolerate cheating, or assisting others to cheat, and views cheating in coursework as a serious academic offence. The work that a student submits for grading must be the student's own work, reflecting their learning. Where work from other sources is used, it must be properly acknowledged

and referenced. This requirement also applies to sources on the internet. A student's assessed work may be reviewed against online source material using computerised detection mechanisms.

Inclusive Learning

All students are asked to discuss any impairment related requirements privately, face to face and/or in written form with the course coordinator, lecturer or tutor.

Student Disability Services also provides support for students with a wide range of impairments, both visible and invisible, to succeed and excel at the University. For more information and contact details, please visit the [Student Disability Services' website](http://disability.auckland.ac.nz) <http://disability.auckland.ac.nz>

Special Circumstances

If your ability to complete assessed coursework is affected by illness or other personal circumstances outside of your control, contact a member of teaching staff as soon as possible before the assessment is due.

If your personal circumstances significantly affect your performance, or preparation, for an exam or eligible written test, refer to the University's [aegrotat or compassionate consideration page](https://www.auckland.ac.nz/en/students/academic-information/exams-and-final-results/during-exams/aegrotat-and-compassionate-consideration.html) <https://www.auckland.ac.nz/en/students/academic-information/exams-and-final-results/during-exams/aegrotat-and-compassionate-consideration.html>.

This should be done as soon as possible and no later than seven days after the affected test or exam date.

Learning Continuity

In the event of an unexpected disruption we undertake to maintain the continuity and standard of teaching and learning in all your courses throughout the year. If there are unexpected disruptions the University has contingency plans to ensure that access to your course continues and your assessment is fair, and not compromised. Some adjustments may need to be made in emergencies. You will be kept fully informed by your course co-ordinator, and if disruption occurs you should refer to the University Website for information about how to proceed.

Student Charter and Responsibilities

The Student Charter assumes and acknowledges that students are active participants in the learning process and that they have responsibilities to the institution and the international community of scholars. The University expects that students will act at all times in a way that demonstrates respect for the rights of other students and staff so that the learning environment is both safe and productive. For further information visit [Student Charter](https://www.auckland.ac.nz/en/students/forms-policies-and-guidelines/student-policies-and-guidelines/student-charter.html) <https://www.auckland.ac.nz/en/students/forms-policies-and-guidelines/student-policies-and-guidelines/student-charter.html>.

Disclaimer

Elements of this outline may be subject to change. The latest information about the course will be available for

enrolled students in Canvas.

In this course you may be asked to submit your coursework assessments digitally. The University reserves the right to conduct scheduled tests and examinations for this course online or through the use of computers or other electronic devices. Where tests or examinations are conducted online remote invigilation arrangements may be used. The final decision on the completion mode for a test or examination, and remote invigilation arrangements where applicable, will be advised to students at least 10 days prior to the scheduled date of the assessment, or in the case of an examination when the examination timetable is published.