THE UNIVERSITY OF AUCKLAND
Te Whare Wānanga o Tāmaki Makaurau
NEW ZEALAND

BUSINESS SCHOOL

Course Outline 2017
OPSMGT 760: Advanced Operations Systems (15 POINTS)

Semester 1 (1173)

Course Prescription
OPSMGT 760 is core course in the postgraduate programme in Operations and Supply Chain Management. Course provides a deeper understanding of managing internal and external supply chains. Importance of language processing in proactive improvement is emphasised.

Programme and Course Advice
As a module of Bachelor of Commerce (Honours) degree, this course is designed to help the student arrive at a suitable thesis topic and methodology, as well as explore on certain issues in operations and supply chain management in a depth beyond the normal B Com degree.

Goals of the Course
OPSMGT 760 provides an important opportunity for students to gain knowledge regarding ways in which they can efficiently improve the internal and external service aspects of business. Production and operations decisions can provide major competitive advantage. The focus is on the methods of building a comprehensive enterprise system.

The goals are to develop a greater understanding of:

- Supply chain management and its relationship with operations management
- Information systems and decision support technology in supply chain and operations management
- Techniques for gathering and understanding the “voice of the customer” in developing new products
- Application of supply chain management concepts in New Zealand

Learning Outcomes
By the end of this course it is expected that the student will be able to:

1. understand the nature of supply chain management in relation to operations;
2. have developed an appreciation for the various information systems and decision support technologies employed in supply chain and operations management;
3. be familiar with how product development and supply chain decisions inter-relate;
4. understand ways to take customer input into account when designing new products and improving the quality of products;
5. explore supply chain research as specifically applied in New Zealand; and
6. develop an Honours Thesis proposal or write a comprehensive paper on a selected aspect of the field.

Content Outline

Week 1	Nature and objectives of the course; Assessment methods Introduction to System Dynamic perspective of Operations and Supply Chain Management; How to do a critique of an article
Week 2	Supply Chain Management- Principles and Strategy
Week 3	**Critique** 1 **report due;** SCM cont.
Week 4	Proactive Improvement, Language in thought and action; Semantics; collaboration and communication
Week 5	**Presentation of Critiques** and **Critique 2 report due**
Week 6	**Test 1; Thesis concept proposal due;** **- Mid Semester Break -**
Week 7	Inventory Management in SC, Supply Chain Network Design
Week 8	Coopetition and Supply Chain Management
Week 9	Sustainability and SCM
Week 10	Creativity, Innovation Management;
Week 11	**Presentations of Thesis proposals**
Week 12	**Test 2;** Concluding Session; **Thesis Proposal Reports due**

Learning and Teaching

Classes will be held at OGGB, City Campus.

Weekly time requirements:

- Lectures: 3 hours per week- Tuesdays 9 AM – 12 Noon.
  Venue: OGGB Level 3 Room 307
- Coursework consists of readings and discussions, two critiques of articles/ research, two tests, and a thesis proposal.
- The total workload for the course is expected to be 15 hours per week for an average participant. Each week, this time consists of three hours of class work, with the remaining time equally split between, reading/study, and assignments. To make the class more valuable, you should have read and thought through the material assigned to each class in the content outline.

Teaching Staff

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Learning Resources

There is no required text book for this course. Readings from a variety of sources will be provided as the course progresses, as no single book serves the requirements of this course. These articles, selected lecture notes, student-faculty discussions will be the primary learning resources in this course.

Assessment

Assessment	Weight	Learning outcomes addressed
Critique 1	Report = 10%	1-5
Critique 2	Report = 10% Presentation = 5%	1-5
Thesis Proposal and presentation	10% Concept proposal + 40% Proposal + 5% Presentation = 55%	6 - other LOs are needed in achieving 6.
Tests (x 2)	10% Test 1 + 10% Test 2 = 20%	1, 2, 3, 4

To gain a pass for this course, students are required to achieve 50% or greater in the course.

Inclusive Learning

Students are urged to discuss privately any impairment-related requirements face- to-face and/or in written form with the course convenor/lecturer and/or tutor.

Student Feedback

In this course student feedbacks are routinely used to change the design and delivery of the course. Students are also encouraged to know their learning styles and to use that knowledge to help the lecturer arrived at the right mix of the course delivery and class assessment methods. Student evaluations are a source of inspiration for continuously improving the course and be relevant to the stakeholders' expectations.