Course Outline 2019

OPSMGT 760: Advanced Operations Systems (15 POINTS)

Semester 1 (1193)

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.

Prerequisites, restrictions and advice

Prerequisite:

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 achieve 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
- Learn critically the status and application of supply chain management concepts in New Zealand.
Course learning outcomes

By the end of this course, you should be able to:

<table>
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<tr>
<th>Course Learning outcome</th>
<th>Related Graduate Profile Capability*</th>
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<tbody>
<tr>
<td>1. Develop a sound Master level research proposal in line with accepted research conventions and principles.</td>
<td>KNOWLEDGE AND PRACTICE CRITICAL THINKING INDEPENDENCE AND INTEGRITY WRITTEN COMMUNICATION ORAL COMMUNICATION</td>
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<td>2. Critique published research articles in supply chain management and related issues bringing out their content, strengths and weaknesses.</td>
<td>KNOWLEDGE AND PRACTICE CRITICAL THINKING WRITTEN COMMUNICATION</td>
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<td>3. Present a research proposal and critiques of scientific papers using effective verbal and non-verbal techniques.</td>
<td>INDEPENDENCE AND INTEGRITY ORAL COMMUNICATION</td>
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<td>4. Examine the role of creativity and innovation management and the role and impact of software in supply chain network design.</td>
<td>KNOWLEDGE AND PRACTICE CRITICAL THINKING SOLUTION SEEKING</td>
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<td>5. Analyse the components of sustainable supply chain design and lean inventory management for Supply chains</td>
<td>KNOWLEDGE AND PRACTICE SOCIAL AND ENVIRONMENTAL RESPONSIBILITY CRITICAL THINKING</td>
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<td>6. Develop a critical awareness of research led findings in the field of SCM and appreciate the importance of Language in SCM</td>
<td>CRITICAL THINKING SOLUTION SEEKING KNOWLEDGE AND PRACTICE</td>
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* See your graduate profile given in the appendix of this course outline.

Learning and teaching

Classes will be held at OGGB, City Campus.
Weekly time requirements:
- Lectures: 3 hours per week- Fridays 9 AM – 12 Noon.
- Venue:
- Coursework consists of readings and discussions, two critiques of articles/ research reports, 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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Teaching Assistant: TBA

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 information

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<tr>
<th>Assessment</th>
<th>Weight</th>
<th>Learning outcomes addressed</th>
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<tbody>
<tr>
<td>Critique 1</td>
<td>Report = 10%</td>
<td>1-2,6</td>
</tr>
<tr>
<td>Critique 2</td>
<td>Report = 10%</td>
<td>1-3,6</td>
</tr>
<tr>
<td>Thesis Proposal and presentation</td>
<td>10% Concept proposal + 40% Concept proposal + 5% Presentation = 55%</td>
<td>1- Other LOs are needed in achieving 1.</td>
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<tr>
<td>Tests ( x 2)</td>
<td>10% Test 1 + 10% Test 2 = 20%</td>
<td>2, 4-6</td>
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Pass requirements
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 convener/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.

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 his or her learning. Where work from other sources is used, it must be properly acknowledged and
referenced. This requirement also applies to sources on the world-wide web. A student's assessed work may be reviewed against electronic source material using computerised detection to provide an electronic version of their work for computerised review.
Appendix: Postgraduate Honours (BCom(Hons)) Graduate Profile

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<th>Capability BCom(Hons)</th>
<th>Progression – as you progress through your programme you will learn and be assessed in this way:</th>
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<tr>
<td><strong>Disciplinary knowledge</strong></td>
<td>Studying at honours level is about acquiring specialised knowledge within your discipline. You will learn to locate, assess and understand a broad range of sources and types of information, research and data. Through completing assignments and attending taught sessions you will learn to apply your knowledge to real world challenges, in New Zealand and internationally. You will also learn to reflect on how theories across different subject areas relate to each other. Your learning and assessment will enable you to: identify current issues and the state of knowledge in your field or discipline; rearrange and reorganise technical and professional material and explain, summarise and review research and practice in your discipline.</td>
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<tr>
<td>Graduates will be able to apply specialised knowledge within their discipline to demonstrate an advanced awareness and understanding in a global context.</td>
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<td><strong>Critical thinking</strong></td>
<td>Studying at honours level will give you an opportunity to develop your capacity for critical thinking. Through your studies you will learn to question your own and others’ assumptions and claims. Completing assessment tasks will help you form views based on sound logic and you will learn to use evidence-based argument to explore complicated issues and draw your own conclusions. Learning and assessment will focus on how to synthesise multiple sources of information and apply research-based knowledge to current issues.</td>
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<td>Graduates will be able to analyse and evaluate the relevant literature and develop well-reasoned arguments that demonstrate advanced and diverse thinking.</td>
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<tr>
<td><strong>Solution seeking</strong></td>
<td>Studying at honours level is about tackling complex issues and becoming an effective problem solver able to select and apply appropriate creative and analytical approaches. You will have opportunities to learn how to analyse problems using a range of discipline specific tools and approaches. By tackling real world problems you will be developing important skills that will help you in your future life and career. You will learn how scholars and practitioners have developed innovative solutions and insights into difficult problems. You will learn to develop and assess your own solutions to complex problems. Your course assessments will focus on your ability to identify and address an important research question. At the end of the programme you will complete an independent research project that is systematic, coherent and informative.</td>
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<td>Graduates will be able to identify, frame and analyse issues and develop innovative evidence-based solutions.</td>
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### Communication and engagement

Graduates will be able to engage, communicate and collaborate with diverse groups using multiple formats.

Studying at honours level gives you an opportunity to develop your communication and collaboration skills and in particular to advance your academic writing skills.

You will be given many and varied tasks that involve preparing written work and presenting visually and orally. Different disciplines and professions express themselves in different ways and you will learn to use the conventions, media and formats of your specialist area appropriately. During your courses you will be able to practice presenting and debating ideas in a coherent and professional manner.

Through group work you will learn to become an effective collaborator, which includes being able to support others, contribute ideas, deal with and value differences of opinion, listen and to receive and give instructions. These experiences will equip you for working collaboratively with diverse groups of people when leave university and begin your career.

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### Independence and integrity

Graduates will be able to demonstrate independent thought, self-reflection, ethics and integrity.

Studying at honours level is about independent thinking, self-reflection and integrity. In your courses you will work on your own and in groups, learning to manage your time and yourself. You will have opportunities to critique your own work, find out where there are gaps in your knowledge and how best to address these.

You will learn about ethics and be encouraged to develop and defend your own thinking.

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### Social and environmental responsibility

Graduates will consider, in relation to their discipline, the potential significance of the principles underpinning both the Treaty of Waitangi and sustainability.

Studying at honours level means understanding the importance of the principles that underpin both sustainability and the Treaty of Waitangi, where appropriate to your discipline. You will learn that both sustainability and the Treaty of Waitangi require you: to consider diversity; to be aware of the natural environment; to think about how you can contribute to society; and to do research that is global, as well as local. You will also learn that your chosen discipline does not have all the answers.