



Management Science (MGSC) 418

Supply Chain Management (Revision 5)

Status: Replaced with new revision, see the [course listing](#)  for the current revision 

Delivery mode: [Individualized study online](#) 

Credits: 3

Area of study: Applied Studies (Business and Administrative Studies)

Prerequisites: [MGSC 368](#) or [MGSC 369](#)

Precluded: None

Challenge: MGSC 418 has a challenge for credit option.

Faculty: [Faculty of Business](#) 

Notes: Students registering in grouped study mode are advised that there may be some differences in the evaluation and course materials information indicated below. To obtain the most up-to-date information, contact the Faculty of Business Student Support Centre at 1-800-468-6531.

Sample Course Pages

Overview

MGSC 418: Supply Chain Management is a three-credit course that examines supply chain management (SCM), and discusses its importance and benefits to the overall strategy and competitiveness of firms of all sizes. Companies are evolving in an increasingly demanding and competitive global market. The course explores all of the key elements that comprise SCM.

- Supply management—long-term relationships with suppliers, finding alliance partners, supplier management, strategic sourcing; also known as *purchasing*.
- Operations—forecasting and inventory responsiveness using techniques such as demand management; collaborative planning, forecasting, and replenishment (CPFR); material requirements planning (MRP); enterprise resource planning (ERP); just-in-time production (JIT); and total quality management (TQM).
- Logistics—the logistics behind transportation, customer relationships, network (re)design, and service management; also known as *distribution*.
- Integration—linking and sharing critical information systems: coordinating/integrating responsive systems; global integration; measuring key performance indicators (quality, accuracy, timeliness, and cost).

Credits earned in this course can be applied towards the requirement for maintaining certification with the Supply Chain Management Association (SCMA) as a Supply Chain Management Professional (SCMP)



Outline

MGSC 418 consists of 14 lessons, as outlined below:

- Lesson 1: Introduction to Supply Chain Management

- Lesson 2: Purchasing and Supply Management
- Lesson 3: Creating and Managing Supplier Relationships
- Lesson 4: Strategic Ethical and Sustainable Sourcing
- Lesson 5: Demand Forecasting
- Lesson 6: Resource Planning Systems
- Lesson 7: Inventory Management
- Lesson 8: Process Management: Lean and Six Sigma Quality in Supply Chain Management
- Lesson 9: Domestic and International Logistics
- Lesson 10: Customer Relationship Management
- Lesson 11: Global Location Decisions
- Lesson 12: Service Response Logistics
- Lesson 13: Supply Chain Process Integration
- Lesson 14: Performance Measurement Along the Supply Chain

Evaluation

To **receive credit**  in MGSC 418, you must achieve a mark of at least 50 percent on the final examination, and a composite course mark of at least a **D (50 percent)** . The composite mark is weighted as follows:

Activity	Weight
Assignment 1	10%
Assignment 2	15%
Assignment 3	25%
Online Participation	10%
Final Online Exam	40%

Activity	Weight
Total	100%

The **final examination** for this course must be requested in advance and written under the supervision of an AU-approved exam invigilator. Invigilators include either ProctorU or an approved in-person invigilation centre that can accommodate online exams. Students are responsible for payment of any invigilation fees. Information on exam request deadlines, invigilators, and other exam-related questions, can be found at the [Exams and grades](#) section of the Calendar.

To learn more about assignments and examinations, please refer to Athabasca University's [online Calendar](#).

Materials

Digital course materials

Links to the following course materials will be made available in the course:

Wisner, J. D., Tan, K. C., & Leong, G. K. (2019). *Principles of supply chain management: A balanced approach* (5th ed.). Boston, MA: Cengage Learning. ISBN 978-1-337-40649-9

Challenge for credit

Overview

The challenge for credit process allows you to demonstrate that you have acquired a command of the general subject matter, knowledge, intellectual and/or other skills that would normally be found in a university-level course.

Full information about [challenge for credit](#) can be found in the Undergraduate Calendar.





Evaluation

To **receive credit** for the MGSC 418 challenge registration, you must achieve a grade of at least **D (50 percent)** on the examination.

Paper Exam

 **Challenge for credit course registration form**

Important links

- › [Academic advising](#) 
- › [Program planning](#) 
- › [Request assistance](#) 
- › [Support services](#) 

Athabasca University reserves the right to amend course outlines occasionally and without notice. Courses offered by other delivery methods may vary from their individualized study counterparts.

Opened in Revision 5, June 7, 2019

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View [previous revision](#) 
