

**DEPARTMENT OF BUSINESS AND OFFICE ADMINISTRATION**

**COURSE OUTLINE – Winter 2024**

**BA3120 (A3): Operations & Supply Chain Management – 3 (3-0-0) 45 Hours for 15 Weeks**

Northwestern Polytechnic acknowledges that our campuses are located on Treaty 8 territory, the ancestral and present-day home to many diverse First Nations, Metis, and Inuit people. We are grateful to work, live and learn on the traditional territory of Duncan's First Nation, Horse Lake First Nation and Sturgeon Lake Cree Nation, who are the original caretakers of this land.

We acknowledge the history of this land and we are thankful for the opportunity to walk together in friendship, where we will encourage and promote positive change for present and future generations.

**INSTRUCTOR:** Bianca Dudenhoffer      **PHONE:** (780) 539-2864  
**OFFICE:** C205      **E-MAIL:** bdudenhoffer@nwpolytech.ca  
**OFFICE HOURS:** Tues/Thurs: 11:30 am – 1:00 pm or by appointment, best way to contact: email

**CALENDAR DESCRIPTION:**

Operations and supply chain management and its importance to the overall strategy and competitiveness of a firm are examined in this course. Students will explore how operations management influences organizational strategy and change, and how the framework of supply chain management and logistical decision-making impact organizational performance. The 5 Ps of operations management (people, plants, parts, processes, and planning) are also reviewed.

**PREREQUISITES:** BA2540 & MG2000

**REQUIRED TEXT/RESOURCE MATERIALS:**

Roberta S. Russell, Bernard W. Taylor, Tiffany Bayley, Ignacio Castillo Operations Management: Creating Value Along the Supply Chain, 2nd Canadian Edition

**Students will need Wiley + Access**

**The text will be used extensively. All students must purchase the Wiley + Access.** Students will need Wiley + to gain access to online resources and quizzes. It is the student's choice if they purchase a physical textbook with a Wiley + code **or** an e-book with a Wiley + code.

### **DELIVERY MODE:**

**On-campus (attend on-campus, in-person)** – This type of course will be delivered on campus in a specific location which will be indicated on the student timetable. Students are expected to fully attend in person.

### **LEARNING OUTCOMES:**

Upon successful completion of the course, students will be able to:

1. Identify and describe the common operations and supply chain management processes
2. Define the 5 Ps of operations management
3. Explain the importance of operations and supply chain management on organization strategy
4. Explain how operations and supply chain management impact organization competitiveness
5. Demonstrate an understanding of basic operational decision-making tools
6. Identify and plan for the allocation of scarce resources
7. Understand global challenges to procurement and distribution and their impact on the organization

### **TRANSFERABILITY:**

Please consult the Alberta Transfer Guide for more information. You may check to ensure the transferability of this course at the Alberta Transfer Guide main page <http://www.transferalberta.alberta.ca>.

**\*\* Grade of D or D+ may not be acceptable for transfer to other post-secondary institutions. Students are cautioned that it is their responsibility to contact the receiving institutions to ensure transferability**

### **EVALUATIONS:**

Assessment	Weighting	Due Date
Quizzes (6)	20%	Throughout the course
Midterm	25%	February 14, 2024
Final Project & Presentation	25%	Presentation: April 8, 2024 Report: April 12, 2024
Final Exam	30%	During Exam Period
Total	100%	

## **Evaluation Policies:**

### **Quizzes**

- Quizzes will be scheduled through Wiley +. It is your responsibility to follow the due dates associated with those quizzes. The quizzes will be marked and corrections for the attempted quiz will be made available to the student after the due date.
- There are no rewrites or extensions on quizzes because the answers are automatically released after the due date.

### **Final Project/Presentation**

- The final project must be submitted by the due date. Late final projects will receive a 10% deduction each day it is late unless prior arrangement has been made with the instructor to submit it past the deadline due to a valid reason\*. Final projects submitted five days or more past the due date are given a grade of zero.
- Final projects will be submitted in Word document OR PDF through myClass and will be subject to Turnitin plagiarism assessment.

### **Midterm Exam:**

- This midterm to be taken live in class, so please be sure to be present.
- If you miss an exam you will have a grade of 0 for that test, unless you had prior permission with a valid reason\*.

### **Final Exam:**

- The final exam is cumulative. You will need to be present in class for this as well. The format utilized will be announced before exam.
- Final exams will be written as scheduled by the Registrar's office during the exam period. Do not plan activities during this period. Examinations will start at the scheduled time. Extra time will not be allotted to students who arrive late for an examination.
- Students who fail to report for a scheduled examination, and who do not qualify for a deferred examination, will receive a grade of "F" for the missed examination.
- Deferred final examinations may only be granted when an examination has been missed or interrupted because of a valid reason\*, as determined by NWP policy.

\*Valid Reasons include:

- Bereavement
- Personal illness or injury
- Religious Observance/Conviction
- Domestic affliction
- Final Examinations scheduled concurrently
- Other (for example civil obligations such as jury duty)

In cases of illness (physical, mental or emotional), medical or other relevant documentation may be required.

## GRADING CRITERIA

Please note that most universities will not accept your course for transfer credit **IF** your grade is **less than C-**.

Alpha Grade	4-point Equivalent	Percentage Guidelines		Alpha Grade	4-point Equivalent	Percentage Guidelines
A+	4.0	95-100		C+	2.3	67-69
A	4.0	85-94		C	2.0	63-66
A-	3.7	80-84		C-	1.7	60-62
B+	3.3	77-79		D+	1.3	55-59
B	3.0	73-76		D	1.0	50-54
B-	2.7	70-72		F	0.0	00-49

## COURSE SCHEDULE/TENTATIVE TIMELINE:

BA3120 - Operations & Supply Chain Management				
Module	Week Start Date	Topic	Required Reading	Activity
1	Jan 7-13	Introduction to Operations & Supply Chain Management	Course Outline Chapter 1	Get textbook with Wiley+
2	Jan 14-20	Product & Service Design	Chapters 4 & 5	<b>Quiz #1 (Chapters 1,4,5)</b>
3	Jan 21-27	Process & Technology	Chapter 6	
4	Jan 28-Feb 3	Capacity & Facilities Design	Chapter 7	<b>Quiz #2 (Chapters 6,7)</b>
5	Fab 4-10	Project Management	Chapter 9	<b>Quiz #3 (Chapter 9)</b>
6	Feb 11-17	<b>Midterm Review &amp; Midterm Exam</b>	Chapters 1,4,5,6,7,9	<b>Midterm (25%)</b>
7	Feb 18-24	WINTER BREAK (NO CLASSES)		
8	Feb 25-Mar 2	Supply Chain Management: Strategy & Design	Chapter 10	
9	Mar 3-9	Global Supply Chain Procurement and Distribution	Chapter 11	<b>Quiz #4 (Chapters 10,11)</b>
10	Mar 10-16	Inventory Management	Chapter 13	
11	Mar 17-23	Resource Planning	Chapter 15	<b>Quiz #5 (Chapters 13,15)</b>
12	Mar 24-30	Lean Systems	Chapter 16	
13	Mar 31-Apr 6	Scheduling	Chapter 17	<b>Quiz #6 (Chapters 16,17)</b>

14	Apr 7-13	<b>Final Project &amp; Presentations</b>		<b>Final Project Due (25%)</b>
15	Apr 14-15	<b>Exam Review (December 15 - Last day)</b>	Chapters 1,4,5,6,7,9,10, 11,13, 15,16,17	<b>Study for Final Exam (30%)</b>

## STUDENT RESPONSIBILITIES:

**Attendance:** Students are expected to attend all scheduled lectures, arrive on time, and remain for the duration of the activities. Arriving late and leaving early is disruptive to the entire class. Frequent tardiness may be treated as an absence. **Students with absences in excess of 6 classes may be refused permission to write the final exam.**

**Email:** Email is the preferred option to communicate with your instructor. **Email correspondence to your instructor must be sent from your NWP student email account.** Emails should be professionally formatted and include a subject, correct spelling and grammar, and a reference to course material and/or textbook pages, etc. Emails that do not adhere to this format may not be responded to.

**Recording: Photographing and/or recording course content is strictly prohibited** unless advance permission is obtained from the instructor and any guest presenter(s). In the event permission is granted, such recordings may only be used for individual study, and may not be reproduced, transferred, distributed or displayed in any public manner.

**Please click on the following link to read the student Rights and Responsibilities Policy:**

<https://www.nwpolytech.ca/about/administration/policies/fetch.php?ID=69>

## STATEMENT ON ACADEMIC MISCONDUCT:

Academic Misconduct will not be tolerated. For a more precise definition of academic misconduct and its consequences, refer to the Student Rights and Responsibilities policy available at <https://www.nwpolytech.ca/about/administration/policies/index.html>.

**\*\*Note:** all Academic and Administrative policies are available on the same page.