

DEPARTMENT Business Administration

COURSE OUTLINE – Fall 2026

BA3150 (A2): Management Information Systems – 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:	Abigail Head, CPA, CMA, MBA	PHONE:	780-539-2712
OFFICE:	C304	E-MAIL:	Ahead@nwpolytech.ca
OFFICE HOURS:	Monday & Wednesday 11:30 PM to 12:30 PM & by appointment		

CALENDAR DESCRIPTION:

Theory and application of management information systems that support activities throughout an organization are examined. Concepts covered include information systems, strategy, competitive advantage, data, analytics, digital business, emerging technologies, and enterprise systems. Privacy and ethics are also explored. Using software application tools, case study analysis, and research, students integrate current best practices to meet a variety of business challenges.

PREREQUISITES: BA1150 Computers in Business *and* BA2030 Financial Management

COREQUISITE(S): None



REQUIRED MATERIALS:

1. e-Book with McGraw Hill Connect



Baltzan, P. (2025). *M: Information systems* (8th ed.). McGraw Hill.

This resource must include McGraw Hill Connect.

Note: Students must set the time zone to Mountain time (US & Canada) for the duration of the course. Please review the system requirements for McGraw Hill Connect at

[McGraw Hill System Requirements](#).

2. MS OFFICE 365 (Free to NWP students)

Office 365 is available for students to install on NWP devices. Please note that Chromebooks and other tablets and cell phones cannot install the full Office 365 applications, only the mobile versions. Link: [Install Office 365](#).

3. Ivey Publishing Course Packs (*Additional cost per student*)

Each enrolled student must purchase the mini-cases and/or case study course pack(s) for submission and grading. Fees per case range from \$5 to \$12 CAD; the approximate total case costs for each student are \$15 to \$30 CAD. Ivey accounts and course pack fees are the responsibility of each student. Proof of purchase will be required for evaluation and grading.

4. Turnitin™ Integration

Students are required to submit work in this course through the plagiarism detection software within myClass (D2L) called Turnitin™ Integration. When this software is used, similarity checking will identify matching or similar text to sources in Turnitin's databases and provide feedback; compare against student paper repository, website content, periodicals, journals, and publications. Turnitin will store a copy of the submitted document only in the Standard Repository for similarity checks against any future submissions. Students are required to submit in-class projects and cases for assessment and grading into the myClass assignment folder before the published due date using Turnitin™ Integration. Initial setup is required by students; follow prompts to setup.

5. Course Management Software

NWP uses myClass (D2L) online course management system. In myClass, see the BA3150 course home page for important course information, resources, attendance, and grades. To access visit [myClass](#).

DELIVERY MODE(S): 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 for all class activities.

LEARNING OUTCOMES:

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

Information System Literacy

- Explain the role and importance of information systems (IS) for individuals, organizations, and society.
- Distinguish among major types of IS and describe how they support managerial and operational work.
- Evaluate the societal, ethical, and privacy implications of widespread IS use.

Information Systems, Strategy, and Competitive Advantage

- Analyze how IS support organizational strategy, business processes, and competitive positioning.
- Apply strategic frameworks and business process management to identify IS-enabled strategic responses.

Ethics, Security, and Risk Management

- Identify ethical issues, privacy risks, and security threats related to IS.
- Explain common vulnerabilities, attack types, and risk-mitigation strategies.
- Recommend appropriate controls to protect organizational and personal information assets.

Data, Knowledge, and Analytics

- Explain how organizations manage data through databases, data governance, data warehouses, and Big Data technologies.
- Analyze the role of business analytics in decision-making.
- Differentiate among descriptive, predictive, and prescriptive analytics and communicate insights.

Networking, Telecommunications, and Digital Infrastructure

- Compare major types of networks and transmission technologies.
- Explain how organizations use communication technologies to support operations.

Digital Business and Emerging Technologies

- Describe how organizations use e-business, e-commerce, mobile commerce, social computing, IoT, cloud computing, and AI.
- Evaluate the benefits, limitations, risks, and ethical considerations of technology in real-world business contexts.

LEARNING OUTCOMES (continued):

Enterprise Systems and Organizational Integration

- Explain how enterprise systems (ERP, CRM, SCM) support core organizational processes.
- Assess the advantages, challenges, and strategic value of integrated enterprise applications.

IS Development and Acquisition

- Analyze how organizations plan for, evaluate, acquire, and develop IS.
- Explain and prepare cost–benefit analysis and acquisition strategies
- Review and explain the stages and purpose of the systems development life cycle.
- Create reports and analytics using cloud software.

TRANSFERABILITY:

Please consult the Alberta Transfer Guide for more information. You may check the transferability of this course at the Alberta Transfer Guide main page

<http://www.transferalberta.alberta.ca>.

**** For courses with alpha (letter) grading, a 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:

In-class Projects	15%
Case Studies (Group Work)	15%
Midterm examination	30%
Final examination (Comprehensive; all chapters) (2-Hours)	40%
Total	100%

Students are encouraged to complete all in-class projects, case studies, and examinations. Students will receive a zero (0) for any missed in-class projects, case studies, and examinations. Extra work is not assigned. There are no rewrites, deadline extensions, or bonus assignments available to improve your grade. At the instructor's discretion, students with absences in excess of four (4) classes *before* midterm exam will be refused the ability to move any test weightings to the final exam.

IN-CLASS PROJECTS, CASE STUDIES, AND EXAM POLICIES:

- In-class projects with handouts will be started and completed in class (lecture) using only NWP resources. Students are required to log into their NWP student accounts during class. In-class projects will occur as the course proceeds. Unexcused absences during in-class projects will be assigned a grade of zero. Re-writes or extra work

(homework) will *not* be granted for missed projects or unsuccessful/blank attempts.

- Midterm exam is tentatively scheduled for **October 21** during the scheduled lecture. Do not plan activities or trips during this period. Unexcused absences during an exam will be assigned a grade of zero. *At the instructor's discretion, students with absences in excess of 4 (four) classes before midterm exam will be refused the ability to move any test weightings to the final exam; see myClass Attendance.*
- Final exams will be written as scheduled by the Registrar during the exam period from **December 12-19**. The final exam in this course is 2 hours. Do not plan activities or trips during this period. Any unexcused absences will be assigned a grade of zero.

GRADING CRITERIA:

Please note that most institutions 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:

The course schedule is approximate and may vary slightly at the discretion of the instructor.

Week of...		Content Coverage & Required Readings
Sept 1 – 5		Course Outline & Introduction
Sept 6 – 12		Chapter 1 Appendix A & B
Sept 13 – 19		Chapter 2
Sept 20 – 26		Chapter 2 & 3 Appendix C
Sept 27 – Oct 3		National Day for Truth and Reconciliation Sept 30 – No Class Chapter 3 Appendix C
Oct 4 – 10		Chapter 4
Oct 11 – 17		Chapter 5 Case Study No. 1
Oct 18 – 24		Midterm Examination (Chapters 1 - 5) October 21 Chapter 6 Appendix D
Oct 25 – Oct 31		Chapter 6
Nov 1 – 7		Chapter 7 Case Study No. 2
Nov 8 – 14		Remembrance Day & Fall Break (No classes)
Nov 15 – 21		Chapter 8 Appendix E
Nov 22 – 28		Chapter 9
Nov 29 – Dec 5		Chapter 9 Appendix F
Dec 6 – 10		Last class Dec 9
Dec 12 – 19		Final Exam (2 Hours) (Comprehensive; All Chapters)

Students are encouraged to complete all in-class projects, case studies, and examinations. Students will receive a zero (0) for any missed in-class projects, case studies, and examinations. Extra work is not assigned. There are no rewrites, deadline extensions, or bonus assignments available to improve your grade. At the instructor's discretion, students with absences in excess of four (4) classes *before* midterm exam will be refused the ability to move any test weightings to the final exam.

STUDENT RESPONSIBILITIES:

Northwestern Polytechnic (NWP) believes that all students have certain rights that protect and support them through their education. Additionally, students are expected to take responsibility for their conduct during their period of study at NWP, including abiding by the rules, policies, procedures, and regulations of the Polytechnic. It is the student's responsibility to be fully acquainted with and adhere to NWP's policies, procedures, or rules; see [Policies Directory](#).

Participation

Students are encouraged to complete all in-class projects, case studies, and examinations. Students will receive a zero (0) for any missed in-class projects, case studies, and examinations. Extra work is not assigned. There are no rewrites, deadline extensions, or bonus assignments available to improve your grade. At the instructor's discretion, students with absences in excess of four (4) classes *before* midterm exam will be refused the ability to move any test weightings to the final exam.

Students may be refused permission to write the final examination on the advice of the instructor. This usually happens when there are more than four class absences, if significant assessments like in-class assignments, case studies, and/or exam(s) are not submitted before deadlines and graded, and/or if the student is mathematically unable to pass the course, even by scoring 100% on the final exam; see Examination Policy and Debarred from Examinations located at [Policies Directory](#).

Attendance will be taken in class. Tardiness will be treated as an absence. Students may review their attendance in myClass. Students are expected to participate in BA3150 course material and class discussion during lecture. Course materials (course outline, schedule information, etc.) and announcements will be published in myClass, Connect, and/or NWP Webmail. Students are responsible for regularly checking all three resources two to three times weekly.

Webmail

Students can contact their instructor by webmail. Webmail will be answered within two business days outside of published office hours. *Webmail correspondence must be sent to your instructor from your NWP Webmail account.* Webmail should be professionally formatted with correct spelling and grammar. Webmail must include a subject line, reference to the course code/name, material(s), and/or e-book pages/chapter.

Recording

Recording lectures or taking photos in class is prohibited unless advance permission is obtained from the instructor and any guest presenter(s). In the event permission is granted by the instructor, such recordings may only be used for individual study and may not be reproduced, transferred, distributed, or displayed in any public manner. Any images taken without the instructor's consent must be deleted immediately.

Copyright

NWP respects Canadian and International laws and agreements with respect to the use of copyright materials. It is the responsibility of the individual using copyrighted materials to ensure said use is compliant with Canadian law, the Use of Copyright Materials Policy, and the Copyright Practices Guide for NWP instructors and Staff. See <https://www.nwpolytech.ca/about/administration/policies/index.html> and <https://www.nwpolytech.ca/about/administration/policies/fetch.php?ID=71>.

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 <https://www.nwpolytech.ca/about/polytechnic-leadership/policies-directory>.

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

Additional Information:

Study Skills Hub

Adopting and adhering to effective learning habits in this course will likely take up a great deal of time, so plan your schedule accordingly. The NWP Study Skills Hub will help you develop the skills you need to succeed in your program and cope with the demands of higher education. Click on the following link for free access: [Welcome to the Study Skills Hub](#).