



DEPARTMENT OF BUSINESS AND OFFICE ADMINISTRATION

COURSE OUTLINE – Spring 2025

BA2040 EC: Investment Fundamentals – 3 (5.5-0-0) UT 45 Hours for 8 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: Lori Bombier
OFFICE:
OFFICE HOURS: N/A

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***All email correspondence must be sent from your NWP student email account** and professionally formatted (i.e., subject line filled in, proper greeting, spelling, grammar check, etc...). Emails that do not follow the above requirements will not be responded to.

CALENDAR DESCRIPTION: This course covers the basic principles of investment and taxation. The course explores the structure of personal taxation including the calculations of income deductions and credits. The fundamental investment concept of risk and return, and different types of investment products available in the marketplace are topics included in this course.

PREREQUISITE: BA1050 and BA 1110

REQUIRED TEXT/RESOURCE MATERIALS:

Investments: 10th Canadian Edition, McGraw-Hill Ryerson.
Bodie, Kane, Marcus, Switzer, Boyko, Panasian, Stapleton.
All students must have access to Connect.



Bodie (CDN),
Investments, 10ce
Zvi Bodie, 10cee

You must have an access code to gain access to the online resources. McGraw-Hill Connect™ is a web-based assignment and assessment platform that gives students the means to better connect with their coursework, and with the important concepts that they will need to know for success now and in the future. **If you have purchased a used book, you will have to purchase an access code separately.** Instructions to do this are available in the Registration Module.

Students are responsible for all fees associated with ProctorU, a live proctoring service for online exams.

Fees are paid when you schedule your exams through ProctorU.

Pricing per exam is as follows:

60 minutes or less - \$16 USD

61-120 minutes - \$25 USD

121 - 180 minutes - \$31 USD

Sharp EL - 738 Calculator

DELIVERY MODE(S): Self-Study Online – This type of course will be offered online. There are no set class times and students attend remotely and asynchronously.

LEARNING OUTCOMES:

- The student will be able to calculate expected returns and variances for a security.
- The student will be able to calculate expected returns and variances for a portfolio.
- The student will understand the importance of portfolio diversification and the importance of asset allocation.
- The student will understand the difference between expected and unexpected returns.
- The student will understand the difference between systematic risk and unsystematic risk.
- The student will understand the security market line and the capital asset pricing model.
- The student will be able to calculate the best-known portfolio evaluation measures.
- The student will be able to calculate a Sharpe-optimal portfolio.
- The student will understand the basics of futures markets and how to obtain price quotes for futures contracts.
- The student will understand the risks involved in futures market speculation.
- The student will understand the basics of option contracts and how to obtain price quotes.
- The student will be able to price options using the one-period and two-period binomial models.
- The student will be able to price options using the Black-Scholes model
- The student will understand the basic types of corporate bonds.
- The student will be able to explain how callable and convertible bond's function.
- The student will understand the process of top-down analysis.
- The student will be able to explain the importance of the required rate of return.
- The student will be able to explain the relationship of monetary and fiscal policies to economic activity.
- The student will be able to identify industry sensitivity to business cycles.
- The student will be able to evaluate future industry prospects by analyzing the business cycle.
- The student will be able to define fundamental analysis at the company level.
- The student will be able to describe the importance of EPS forecasts.
- The student will be able to estimate the P/E ratio of a company.
- The student will be able to use the beta coefficient to estimate the risk of a stock.
- The student will be able to define options and discuss why they are used.
- The student will be able to describe how options work and give some basic strategies.
- The student will be able to describe the structure of futures markets.
- The student will be able to describe the steps involved in the portfolio management process.

- The student will be able to assess related issues such as asset allocation.
- The student will be able to use measures of return and risk to evaluate portfolio performance.

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:

Homework Assignments (Each Weighted Equally)	10%
Quizzes (Each Weighted Equally)	5%
SmartBook (Each Weighted Equally)	5%
Exam #1 - May 29th 2:00 – 5:00 PM	40%
Final Exam (cumulative) – June 24th 2:00 – 5:00 PM	40%

To receive credit for BA 2040, **you must achieve 50 percent on the final examination, and a course composite grade of at least D (50%).** You are strongly encouraged to complete all assignments and exams—you will receive a zero (0) for any missed assignment or exam. The weighting of each assessment activity is indicated in the chart above.

Grades for Exam #1 and the Final Exam will not be known until they are posted in the MyClass Grade Book.

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:

Date	Chapter Covered	SB Lessons	Assignments	Quizzes	Exams
May 5 - 7	Chapter 5	✓		✓	
May 8 - 11	Chapter 6	✓	✓	✓	
May 12 - 14	Chapter 7	✓	✓	✓	
May 15 - 18	Chapter 9	✓	✓	✓	
May 19 – 21	Chapter 17	✓		✓	
May 22 – 25	Chapter 19	✓	✓	✓	
May 29 th	Must be written May 29 th 2:00 – 5:00 PM MST				Exam #1 40%
June 2 - 4	Chapter 20	✓	✓	✓	
June 5 - 8	Chapter 21	✓	✓	✓	
June 9 - 11	Chapter 22	✓		✓	
June 12 - 18	Chapter 24	✓	✓	✓	
June 19 - 22	Chapter 25	✓	✓	✓	
JUNE 24 th	Must be written June 24 th 2:00 – 5:00 MST				FINAL EXAM 40%

STUDENT RESPONSIBILITIES:

Please find the student rights and responsibilities policy here:

<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.

Additional Information: IMPORTANT Assignment, Quiz and Exam Policies:

Assignments:

- There will be CONNECT assignments dispersed throughout the semester that will account for 10% of the student's final grade (see Connect for dates). Each homework assignment will be weighed equally, regardless of the length of the assignment. The student will have a maximum of 2 attempts at each assignment.
- The CONNECT assignments will be marked immediately and the student will receive their grade immediately. Corrections for the attempted assignment will be made available immediately for the student.
- All assignments must be completed before the expiration of the pre-set due date, or the student will receive a mark of zero for any missed assignments

Quizzes:

- There will be CONNECT quizzes dispersed throughout the semester that will account for 5% of the student's final grade (see Connect for dates).
- Each chapter covered in the text(s) will have an associated quiz that the students must complete.
- Each quiz will be weighed equally, regardless of the length of the assignment. The student will have a maximum of 2 attempts at each assignment.
- The quizzes will mostly be theory based multiple choice questions.
- The quizzes will be marked and corrections for the attempted quiz will be made available to the student after the due date.
- All quizzes must be completed before the expiration of the pre-set due date, or the student will receive a mark of zero for any missed quizzes (see schedule for dates).
- Once the quiz has started, you must complete the entire quiz within the time limit.
- Logging off or losing the internet connection during the exam will result in a grade based only on the proportion of the exam that has been completed. It is imperative that the student has a reliable internet connection when attempting an exam. This is the responsibility of the student, not the instructor.
- The student will be given two attempts at each quiz.

Learn Smart Modules

- Each chapter covered in the text will have an associated SB lesson that the students must complete.
- Combined SB Lessons will account for 5% of the student's final grade (see Connect for dates).
- Interactive scenes in the Lessons (within the pre-set due date) are locked for students to attempt correctly. Students will need to work through them and answer questions correctly to unlock them. Once a lesson is unlocked, they can freely go back and forth for practice.

Exams (High Importance)

- Two exams will be held throughout the semester (See schedule for dates). They include:

Exam #1	May 29 th 2:00 – 5:00 PM (MST)	40%
Final Exam (Cumulative)	June 24 th 2:00 – 5:00 PM (MST)	40%

- **To receive credit for BA 2040, you must achieve 50 percent on the final examination and a course composite grade of at least D (50%).** You are strongly encouraged to complete all assignments and exams—you will receive a zero (0) for any missed assignment or exam. The weighting of each assessment activity is indicated in the chart above.
- **All exams (Exam #1 and Final Exam) will be written closed-book and using proctoring software.**
- **80 minutes** will be given for **Exam #1** to be written. **There will only be one attempt on Exam #1.**
- **2 hours** will be given for the **Final Exam** to be written. **There will only be one attempt on the Final Exam.**
- **Grades for Exam #1 and the Final Exam will not be known until they are posted in the MyClass Grade Book.**
- Approved calculators and approved translation devices are the only electronic devices allowed during the final examination. No programmable calculators will be allowed. Textbooks or notes will not be allowed in the examination area. Cell phone calculators may not be used in examinations.

Classroom, Assignment, Quizzes and Exam Policies:

- **Assignments, quizzes, and exams will be written as scheduled. No rewrites/rescheduled exams will be given.** If there is an excusable absence, the weighting of the missed exam will be added to the final exam weighting. If the absence is not excusable, a grade of 0% will be given.
- Any exam, quiz, or assignment grade that a student may wish to contest must be done within 5 business days after the exam/quiz/assignment has been marked. Any exams/quizzes/assignments contested after this time frame will not be given consideration.
- **Students are responsible for any missed content (excused or unexcused).**

USING PROCTORU:

This course uses ProctorU Live for online exams. To utilize this service, you are required to complete the following steps:

- Create a ProctorU account by clicking the ProctorU link in the course.
- Download and install the Guardian Web Browser, Google Chrome, and the ProctorU extension.
- Schedule each exam at least 3 days (72 hours) in advance. If you miss this deadline, you cannot take the exam.
- Pay for the proctoring service. The fees are exclusively your responsibility and in no event shall be the responsibility of Northwestern Polytechnic.

For more detailed instructions [click here](#), and for video instructions [click here](#).

Before each exam, you must complete a room scan with your web camera, during which you will show your surroundings to a live proctor.

The invigilator will ask to view (but not collect or store) your student identification to verify your identity and will remotely access your computer to unlock the exam. When monitoring your actions via video streaming, the invigilator may possibly record your actions if they suspect academic integrity behavioural issues. You will be verbally notified if/when recording begins.

The collection of and access to the personal information listed above is permitted under subsection 33(c) of the *Freedom of Information and Protection of Privacy Act*, RSA 2000, c F-25, which states, “No personal information may be collected by or for a public body unless that information relates directly to and is necessary for an operating program or activity of the public body.” In addition, subsection 39(4) states, “A public body may use personal information only to the extent necessary to enable the public body to carry out its purpose in a reasonable manner.”

Records Retention: Any video records of you created by ProctorU will be kept by ProctorU for a maximum of 7 days in order to make a decision about any possible academic integrity infraction, after which time it shall be permanently deleted. All other personal information collected and stored by ProctorU within your profile account will be permanently deleted if the account has not been used after one year.

Consent to Store Personal Information Outside Canada

ProctorU is an American company. An agreement is in place between ProctorU and Northwestern Polytechnic by which ProctorU will take reasonable steps to protect your personal information from unauthorized access and disclosure. Information about how ProctorU protects your privacy can be found in their [Privacy Policy](#).

By using the ProctorU service via Northwestern Polytechnic, you consent to the storage of and access to your personal information outside of Canada.

This consent is in effect from the day you register with ProctorU and expires one year after completion of your exam.

Additional privacy and liability information regarding the use of ProctorU is available on the NWP website.