

COURSE OUTLINE – Winter 2025

FN3700 (A3): Corporate Finance – 3 (3-0-1) UT 60 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: Mandy Pollock **PHONE:** 780-539-2815
OFFICE: C406 **E-MAIL:** APollock@nwpolytech.ca
OFFICE HOURS: **Monday 10:00am-11:30am & Thursday 11:30am-1:00pm, or by appointment**

CALENDAR DESCRIPTION: This course provides a general corporate framework for financial decision making. The course examines types of securities, basic methods of valuation, valuation and selection of physical and intellectual assets, operation of asset markets, market efficiency, risk measures and risk reduction methods, financing policy, including choices between debt and equity financing.

PREREQUISITE(S)/COREQUISITE:

- Complete 1 of the following:
 - Completed or concurrently enrolled in:
 - BA2060 - Statistics for Business (3)
 - ST1510 - Introduction to Applied Statistics I (3)
 - Completed or concurrently enrolled in:
 - AC3110 - Introductory Accounting (3)
 - BA1120 - Principles of Accounting (3)

REQUIRED TEXT/RESOURCE MATERIALS:

1. Textbook: Corporate Finance, 5th Canadian Edition, Pearson Canada, by Berk, DeMarzo, and Stangeland

2. MyLab Finance Access Code: MyLab is an on-line learning platform that allows students to practice course material without limit. It will also help you identify topics you still need to work on and will create a personalized study plan. Furthermore, you are required to complete a series of online assignments and quizzes in MyLab. You need an access code to register for MyLab Finance for this course. There are two ways to acquire an access code:
 - A code is included with the purchase of a new textbook. New textbook may be purchased from the Book Store.
 - Students not wishing to use a new hardcopy of the textbook may instead purchase E-text along with the access code from the following website.
3. Financial calculator:
 - Sharp EL-738 (recommended)
 - Texas Instruments: TI-BA II Plus or TI-BA II Plus Professional
 - Hewlett Packard: HP-10BII or HP-12C

DELIVERY MODE(S):

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 completion of this course students should be able to understand and explain:

- the three organizational forms, the fundamentals of financial management decisions and the role and goal of the financial manager.
- the basics of financial statement analysis including ratio analysis, free cash flow analysis, trend analysis, etc.
- how to calculate the present value and future value of different types of cash flow streams including a single payment, regular and growing annuities, and regular and growing perpetuities.
- how to apply the time value of money techniques in different types of loan payment calculations including mortgages, credit cards, car loans, etc.
- the differences between simple interest and compound interest.
- how to convert between effective annual interest rate (ear) and annual percentage rate (apr).
- the characteristics of different types of bonds and their main features.
- the relationship between price, yield to maturity, coupon rate, and term to maturity of a bond.
- bonds valuations using time value of money techniques.
- stocks valuations using dividend-discount model, total payout model, free cash flow model and valuation multiples.



- the characteristics of different investment decision rules including net present value (npv), internal rate of return (irr), payback period and profitability index (pi).
- the following concepts: mutually exclusive versus independent projects, reinvestment assumption, capital rationing, and net present value profile.
- the basics of capital cost allowance (cca) and undepreciated capital cost (ucc), cca tax shield and their effects on relevant cash flow analysis.
- how to determine the relevant cash flows, evaluate capital budgeting analysis, and calculate the npv of the investment projects.
- how to analyze the investment projects using break-even analysis, sensitivity analysis, and scenario analysis.
- how to measure risk and return of a financial security with respect to expected value, standard deviation, and coefficient of variation.
- the importance of diversification in stock portfolios and measure systematic risk.
- the optimal portfolio choice and the capital asset pricing model (capm).
- the Modigliani-miller (mm) capital structure theory.
- the relationship between equity cost of capital, debt cost of capital, and weighted average cost of capital (wacc) and the impact of capital structure on wacc.
- the optimal capital structure with tax effects.
- the dividend payout procedures.
- alternative decisions related to distribution of profits in terms of dividend payout and retained earnings policy.
- how to evaluate the impact of cash dividends, stock dividend, stock split, share repurchase, and dividend reinvestment on share price.
- the basics of call and put options and to calculate their payoffs and profits.

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>.

** 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:

Assignments	20%
Midterm Exam 1	20%
Midterm Exam 2	20%
Final Exam	40%

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	Topic	Chapters	Assignments
Jan 6	Introduction/Course Outline		Sign up in Pearson MyFinance Lab
Jan 7-12	The Corporation/ Financial Statement Analysis	Chapter 1 /Chapter 2	Assign #1 due Jan 12 th @ 11:59pm
Jan 13-19	Arbitrage & Financial Decision-Making	Chapter 3	Assign #2 due Jan 19 th @ 11:59pm
Jan 20-26	Time Value of Money	Chapter 4	Assign #3 due Jan 26 th @ 11:59pm
Jan 27-Feb 2	Interest Rates	Chapter 5	Assign #4 due Feb 2 nd @ 11:59pm
January 30	Term Test #1		Chapters 1-5
Feb 3-9	Valuing Bonds	Chapter 6	Assign #5 due Feb 9 th @ 11:59pm
Feb 10-16	Valuing Stocks/ Financial Options	Chapter 7/ Chapter 14	Assign #6 due Feb 16 th @ 11:59pm

Feb 17-23	Winter Break	No Classes	
Feb 24-Mar 2	Investment Decision Rules	Chapter 8	Assign #7 due Mar 2 nd @ 11:59pm
Mar 3-9	Fundamentals of Capital Budgeting	Chapter 9	Assign #8 due Mar 9 th @ 11:59pm
Mar 10-16	Review/ Term Test #2 / Capital Markets and the Pricing of Risk	Chapter 10	Term Test #2 – March 11 – Chapters 6-9 March 13 – Chapter 10
Mar 17-23	Capital Markets and the Pricing of Risk	Chapter 10	Assign #9 due Mar 23 rd @ 11:59pm
Mar 24-30	Optimal Portfolio Choice and the Capital Asset Pricing Model	Chapter 11	Assign #10 due Mar 30 th @ 11:59pm
Mar 31-Apr 6	Capital Structure in a Perfect Market/ Debt and Taxes	Chapter 17/Chapter 18	Assign #11 due Apr 6 th @ 11:59pm
Apr 7-13	Debt and Taxes/ Payout Policy	Chapter 18/Chapter 20	Assign #12 due Apr 13 th @ 11:59pm
April 14-23	Final Exams		

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. For more information, please refer to the Academic Regulations on Debarred from Exams at [Academic Regulations \(nwpolytech.ca\)](https://www.nwpolytech.ca/academic-regulations)

Cell Phones: The use of cell phones during class time is unprofessional and distracting to the instructor and fellow students. Texting and talking on a cell phone during class is therefore strictly prohibited. Cell phones must be either turned off or set to silent mode and placed out of sight.

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.

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.

ASSIGNMENTS AND EXAMS:

Students are expected to complete all assignments before the due dates. Late/missed assignments are not accepted and will result in a grade of zero. All exams will be written as scheduled. No rewrite/rescheduled exams will be given, and all missed exams will result in a grade of zero unless there is an excusable absence and prior arrangements have been made with the instructor. If there is a legitimate reason of absence, the weighting of the missed midterm exam will be added to the final exam weighting.

- There are 12 assignments throughout the semester. The best 10/12 accounts for 20% of the final grade with each assignment worth 2% of the final grade, regardless of the length of the assignment.
- Midterm 1 is scheduled for *January 30th*. Midterm 2 is scheduled for *March 11th*. The final exam will be scheduled by the registrar's office during the April exam period.