



A POLYTECHNIC INSTITUTION

School of Business

Program: Financial Management

Option:

FMGT 4710
Advanced Computer Applications

Start Date: January 3, 2007

End Date: May 25, 2007

Total Hours: 80 **Total Weeks:** 20

Term/Level: 4 A/B **Course Credits:** 5.5

Hours/Week: 4 **Lecture:** 1 **Lab:** 3

Shop: **Seminar:** **Other:**

Prerequisites

FMGT 4710 is a Prerequisite for:

Course No.	Course Name
	Successful Completion of FMGT 3720

Course No.	Course Name

v Course Description (required)

Term A

A continuation of the work started in FMGT 2710 and FMGT 3720. We will wrap up Great Plains with a discussion of Bank Reconciliations and Fixed Asset recording systems.

We will then go on to explore the link between basic data entry required in recording accounting transactions and the Accounting Information System needs of an organisation.

We will discuss Information Systems and the technology you are likely to encounter in an accounting role in today's environment. We will also deal with why companies buy off-the-shelf applications rather than writing their own code.

We will review the basic business activities that are performed by many organizations and the *objectives* of a well designed system. We will look at how these *objectives* are delivered by the Simply Accounting, QuickBooks and Great Plains software packages.

Threats to an efficient and effective performance of these objectives will be considered and we look at how the software can be used as part of our internal control procedures.

Much of our lab time will be spent extracting data from the various accounting software applications and refining it by using Microsoft Office or the Report Writer which comes with Great Plains.

If we make good progress we will introduce AccPac 5.2 by Sage.

Term B

In Term B we will cover Financial Modelling using Excel.

You will build a Financial Budget /Cash Flow Model.

Detailed information will be provided after the Mid Term Exams.

v Detailed Course Description (optional)

v **Evaluation**

	Term A	Term B	COURSE
Assignments	40%		40%
Projects		20%	20%
Quizzes	15%	25%	40%
TOTAL	55%	45%	100%

Subject to Revision

v **Course Learning Outcomes/Competencies**

Upon successful completion, the student will be able to:

- Recognise database design in Accounting Information Systems
- Describe and Flow chart the major business processes – Revenue Cycle, Expenditure Cycle, Payroll Cycle and General Ledger and Reporting System.
- Identify the major objectives of a well designed Accounting Information System
- Check whether information systems contain appropriate controls
- Be able to perform a Bank Reconciliation in Great Plains
- Use Report Writer to extract specialized reports from the Great Plains database.
- Export data from Accounting Software applications to MS Office
- Create Mail Merge documents using data from accounting packages
- Create a pivot table to analyse payroll information from accounting packages
- Use Excel to analyse and identify differences in subsidiary ledgers
- Create appropriately formatted files in order to Import data into Simply Accounting
- Create appropriately formatted files in order to Import data into QuickBooks
- Identify opportunities for the use of information systems/technology in organisations
- Identify opportunities for integration

v **Verification**

I verify that the content of this course outline is current.

Noel Brennan


Authoring Instructor

Dec 19, 2006

Date

I verify that this course outline has been reviewed.

Ralph Gioia


Program Head/Chief Instructor

Dec 19 2006

Date

I verify that this course outline complies with BCIT policy.

Tim Edwards


Dean/Associate Dean

Dec 20 / 06

Date

Note: Should changes be required to the content of this course outline, students will be given reasonable notice.

v **Instructor(s)**

Noel Brennan	Office Location: Se 6 – 322 Office Hrs.: As posted	Office Phone: 604 451 6793 E-mail Address: nbrennan@bcit.ca
Jean Virginillo	Office Location: Se 6 – 371 Office Hrs.: As posted	Office Phone: 604 456 8168 E-mail Address: jvirginillo@bcit.ca
Randy Murie	Office Location: Se 6 – 322 Office Hrs.: As posted	Office Phone: 604 456 8156 E-mail Address: rmurie@bcit.ca
Robin Day	Office Location: Se 6 – 371 Office Hrs.: As posted	Office Phone: 604 451 6756 E-mail Address: rday@bcit.ca

v **Learning Resources**

Required:

You should have access to Great Plains Dynamics 8.0, Simply Accounting 2006, QuickBooks Pro Edition 2005 and Microsoft Office software. This software is available in the SE 6 computer labs where classes are scheduled. (We may also use AccPac Advantage Series 5.2.)

For Great Plains data we will use the same starter files as were used in FMGT 3720. For Simply Accounting we will use the sample company, Universal Construction, which comes with the software. QuickBooks will also use the sample data company, Mountain Sports Equipment.

Recommended:

There is no required textbook for this course but students may wish to refer to the following texts:
Introduction to Microsoft Great Plains 8.0 Brunson, Romney, Steinbart
Accounting Information Systems 10th Edition – Romney, Steinbart ISBN 0-13-147591-6
Information Technology 3rd Edition – Senn ISBN 0-13-143626-0
Enterprise Information Systems, 3rd Edition – Dunn/Cherrington/Hollander ISBN 0-07-240429-9

v **Information for Students**

(Information below can be adapted and supplemented as necessary.)

Assignments: Late assignments, lab reports or projects will **not** be accepted for marking. Assignments must be done on an individual basis unless otherwise specified by the instructor.

Makeup Tests, Exams or Quizzes: There will be **no** makeup tests, exams or quizzes. If you miss a test, exam or quiz, you will receive zero marks. Exceptions may be made for **documented** medical reasons or extenuating circumstances. In such a case, it is the responsibility of the student to inform the instructor **immediately**.

Ethics: BCIT assumes that all students attending the Institute will follow a high standard of ethics. Incidents of cheating or plagiarism may, therefore, result in a grade of zero for the assignment, quiz, test, exam, or project for all parties involved and/or expulsion from the course.

Attendance: The attendance policy as outlined in the current BCIT Calendar will be enforced. Attendance will be taken at the beginning of each session. Students not present at that time will be recorded as absent.

Illness: A doctor's note is required for any illness causing you to miss assignments, quizzes, tests, projects, or exam. At the discretion of the instructor, you may complete the work missed or have the work prorated.

Attempts: Students must successfully complete a course within a maximum of three attempts at the course. Students with two attempts in a single course will be allowed to repeat the course only upon special written permission from the Associate Dean. Students who have not successfully completed a course within three attempts will not be eligible to graduate from the appropriate program.

Course Outline Changes: The material or schedule specified in this course outline may be changed by the instructor. If changes are required, they will be announced in class.

v **Assignment Details**

When assignments and projects are to be submitted electronically you will use the FMGT4710AccountingStudents folder on I:\IN.

The following naming convention should be used:

Set # FirstNameLastName

Example 1:

Noel Brennan is in Set A. The assignment should be named as follows:

ANoelBrennan

Example 2:

It is a group project submitted by Noel Brennan, Randy Murie and Robin Day who are all in Set A. The project should be named as follows:

ANoelBrennanRandyMurieRobinDay

If you do not follow this naming convention, you will lose 10% of the assignment's worth.

Schedule

Week off/ Number	Outcome/Material Covered	Reference/ Reading	Lab Activity	Due Date
Jan 5	Great Plains Bank Reconciliation		GP Bank Reconciliation	Jan 12
Jan 12	Information Systems		Mail Merge	In Class by Jan 19
Jan 19	Networks and Databases 1		Report Writer	In Class by Jan 26
Jan 26	Networks and Databases 2		Report Writer	In Class by Feb 2
Feb 2	Payroll Cycle		Pivot Table	In Class by Feb 9
Feb 9	Revenue Cycle		Master Record Data Import	In Class by Feb 16
Feb 16	Expenditure Cycle		Sales Orders	Feb 23
Feb 23	AccPac Intro		Purchase Orders	Mar 2
Mar 2	Friday Mid Term Exam			
Mar 6 - 10	Mid Term Exam Week			
Mar 13 -17	Spring Break Week			
Mar 20	Term B – Excel Modelling Details will be announced		Model - Project 1	