



A POLYTECHNIC INSTITUTION

School of Business

Program: Financial Management 2nd Year**FMGT 3210****Cost & Managerial Accounting 1****Start Date:** September 2006**End Date:** December 2006**Total Hours:** 60 **Total Weeks:** 15**Term/Level:** 4 **Course Credits:** 4**Hours/Week:** 4 **Lecture:** 2 **Lab:** 1**Shop:** **Seminar:** 1 **Other:****Prerequisites****Course No.** **Course Name**

FMGT 2105 Accounting 2

Course No. is a Prerequisite for:**Course No.** **Course Name**

FMGT 4210 Cost & Managerial Accounting 2

v Course Description

This course emphasizes the role of the management accountant, cost concepts & terminology, cost volume profit analysis, job costing, activity-based costing & activity-based management, budgeting and control, standard costs, variance analysis and income effects of alternative inventory costing methods.

v Evaluation

Final Examination	40%	Comments:
Mid-term Examination	35%	
Quizzes	10%	
Case Study	15%	
TOTAL	<u>100%</u>	

v Course Learning Outcomes/Competencies

Upon successful completion, the student will be able to:

1. Identify the roles of the management accountant in the organization's planning and control functions.
2. Prepare financial statements for a manufacturing organization.
3. Define and differentiate between a variety of terms used in cost and managerial accounting.
4. Distinguish between job-order, process costing and activity based costing systems with regard to the methods of accumulating costs.
5. Develop predetermined manufacturing overhead rates for application to jobs.
6. Illustrate the flow of costs through a job cost system.
7. Determine and implement alternative methods of dealing with under-or over-applied overhead.
8. Analyze the effects of changes in prices, volumes, and cost structures on organizational profitability and do sensitivity analysis of these relationships.

9. Complete all the budgets and supporting schedules required in the preparation of a master budget.
10. Apply the concepts of responsibility accounting to management evaluation and control.
11. Prepare performance reports incorporating flexible budgets.
12. Develop standard costs for direct materials, direct labour, variable and fixed overhead and compute the appropriate variances.
13. Evaluate and implement the decision of whether or not to investigate a variance.
14. Evaluate the effects of alternative methods of inventory-costing.
15. Evaluate the effects of alternative denominator activity levels in absorption costing.
16. Describe and implement alternative methods of disposing of variances at year end.

v Instructor(s)

Paul Jeyakumar	Office Location: SE 6 333	Office Phone: 604-431-4965
		Fax: 604-439-6700
Tom Friedrich	Office Hrs.: As posted	E-mail Address: <u>Paul Jeyakumar/BCIT</u>
	Office Location: SE 6 333	Office Phone: 604-456-8170
Graham Hughes		Fax: 604-439-6700
	Office Hrs.: As posted	E-mail Address: <u>Thomas Friedrich/BCIT</u>
	Office Location: SE 6 336	Office Phone: 604-451-6841
		Fax: 604-439-6700
	Office Hrs.: As posted	E-mail Address: <u>Graham Hughes/BCIT</u>

v Learning Resources

Text(s) and Equipment

Required: a) Cost Accounting – A Managerial Emphasis, by C.T. Horngren, G. Foster, S.M. Datar, & H. Teall, Prentice Hall, 3rd Canadian Edition. Students are expected to bring their textbooks to all lectures and labs.

b) Managerial Applications of Cost Accounting – A Case Study, by P. Jeyakumar & S. Mauger – Pearson Canada.

Recommended: Workbook of study guides with solutions for the above text. This provides questions and solutions, which will enable the student to immediately test his/her understanding of the basics.

v **Information for Students**

I.D. Required In Exam Halls: Effective December 2000, students will be required to produce photo-identification for admittance to examination halls. Photo I.D. must be placed on the desk while writing the exam, for inspection by invigilators. Students should bring a BCIT OneCard or alternatively two pieces of identification, one of which must be government photo I.D. such as a driver's license. Please see BCIT Policy #5300, Formal Invigilation Procedures.

Attendance: If a student is absent for any cause, other than illness (Dr's note may be required); for more than 10% of the time prescribed for the course, the student may be prohibited from completing the course. Please see BCIT Policy #5201, Attendance.

Assignments: All case study assignments are to be completed using computer and the hard copy is submitted by noon as per the attached schedule. Hand written assignments will not be accepted. Late submissions will not be accepted for marking.

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.

Illness: A doctor's note is required for any illness causing you to miss assignments, quizzes, or exam. At the discretion of the instructor, you may have the work prorated (i.e., an average is given according to your performance throughout the course). If an exam is missed due to medical reasons, supported by medical certificate, at the discretion of the instructor, you may be permitted to write the exam at the time of the next course offering.

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.

* This schedule is subject to change at the discretion of the instructor.

Week of	Topics Covered:	Readings:
Sept. 4	Introduction and the Accountant's Role in the Organization	Ch. 1
Sept. 11	An Introduction to Cost Terms and Purposes	Ch. 2
Sept. 18	Cost-Volume- Profit relationships	Ch. 3
Sept. 25	Job Costing	Ch. 4
Oct. 2	Job Costing and Activity-Based Costing & Management	Ch. 4& 5
Oct. 9	Activity-Based Costing & Activity Based Management	Ch. 5
Oct. 16	Review for mid-term exam	
Oct. 23	Mid-term Examination Week – No Classes	
Oct. 30	Master Budget and Responsibility Accounting	Ch. 6
Nov. 6	Flexible Budgets, Variances and Management Control: Part 1	Ch. 7
Nov. 13	Flexible Budgets, Variances and Management Control: Part II	Ch. 8
Nov. 20	Flexible Budgets, Variances and Management Control: Part II	Ch. 8
Nov. 27	Income Effects of Alternative Inventory-Costing Methods	Ch. 9
Dec. 4	Review for final exam	
Dec 11 – 15	Final Exam Week	

v **Verification**

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

Paul Jeyakumar & Thomas Friedrich

Authoring Instructors

Date

I verify that this course outline has been reviewed.

Terry Gordon

Program Head, 2nd year Finance

Date

I verify that this course outline has been reviewed.

Ralph Gioia

Program Head, 2nd year Accounting

Aug. 28, 2006

Date

I verify that this course outline complies with BCIT policy.

Tim Edwards

Associate Dean, Financial Management

Aug 28, 2006

Date

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