



FEB 25 2004

A POLYTECHNIC INSTITUTION

School of: Business  
Program: Financial Management  
Option: Accounting Degree

**FMGT 7710**  
**Management Information Systems**

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<b>Hours/Week</b>	3	<b>Total Hours</b>	45	<b>Term/Level</b>	Degree
<b>Lecture:</b>	3	<b>Total</b>	15	<b>Credits:</b>	3
<b>Lab:</b>		<b>Weeks:</b>			

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**Prerequisites****is a Prerequisite for:**

<b>Course No.</b>	<b>Course Name</b>	<b>Course No.</b>	<b>Course Name</b>
BUSA 1100	Management	FMGT 8910	Integrative Business
FMGT 4210	Cost Accounting		Management Practices
FMGT 4710	MIS I		

**Instructor:**

Ike Hall, B.Eng, M.Sc., MBA, P.Eng.

Office No.: SE6 313

Phone: 412 7409

Office Hrs.: Posted

E-mail [ihall@bcit.ca](mailto:ihall@bcit.ca)**Evaluation**

Case Assignments	30%
Midterm Exam:	20%
Final Exam:	35%
Short Presentations:	7.5%
Participation:	7.5%
<b>TOTAL</b>	<b>100%</b>

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**Course Description**

In this course students will gain an understanding of the relationship between information , technology, information systems, business strategy and organizational improvement. They will examine information technology as an enabler and facilitator of business strategy and as an accounting and control tool to tack performance and improve managerial decision making. Cases and assignments will focus on small to medium size Canadian organizations looking for appropriate solutions to information technology and accounting issues.

**Verification:**

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

Ike Hall, B.Eng, M.Sc., MBA, P.Eng

Jan. 2004

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Authoring Instructor

Date

***I verify that this course outline has been reviewed***

Allan Cobbett, Dipl.T., LL.B., MBA, CMA

Jan. 2004

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Program Head

Date

***I verify that this course outline complies with BCIT policy***

Tim Edwards, Dipl.T., MBA, CMA

Jan. 2004

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Dean/Associate Dean

Date

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

## Course Goals

FMGT 7710 will prepare students to:

- Identify the importance of Accounting and Management Information Systems for proper strategic management and control of organizations.
- Advise business managers on the effective application and strategic deployment of strategic information technology in organizations.
- Apply popular business software strategy to create solutions to business problems.
- Employ teamwork and critical thinking skills in developing strategic solutions to information problems.
- Apply effective written and oral communication skills in a problem-solving context.

## Course Outcomes and Sub-Outcomes

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

1. Assess the changing role of information technology in business and society.
2. Evaluate the current use of accounting information systems in an organization.
3. Assess the impacts of emerging technologies on an organization.
4. Identify accounting and management situations that can benefit from the appropriate application of information technology.
5. Develop appropriate strategic plans to use information technology for organizational improvements:
  - a. research and interpret strategic business situations,
  - b. apply commonly used strategic models and methodologies for analysis,
  - c. develop appropriate alternates and solutions, and
  - d. present analysis and recommendations.
6. Plan the strategic implementation of an accounting information system for an organization.
7. Design information systems that will address specific strategic business problems.

## Information for Students: Course Notes, Policies and Procedures

**Assignments** are due in your lab for the applicable week noted on the course outline. Late assignments will be penalized 20% per day and will not be accepted after 5 calendar days past the due date. In exceptional circumstances flexibility and discretion will be used implementing this policy, **provided the instructor is advised of the circumstances before the due date of the assignment.**

**Group Projects:** Working effectively together in teams is an essential skill and a critical part of this course. You are expected to identify and address any important team issues, concerns or problems as they occur. Seek the assistance of your instructor if the team is not able to resolve the issues on its own. Team components comprise 30% of the grade for the course and, in all but exceptional circumstances, team members will be graded equally. In exceptional circumstances where one or more members of a group did not contribute to the assignment, they will not be credited and will receive a grade of zero, provided the group has met with the instructor, discussed and attempted to resolve the problems well in advance of the due date for the project. Marks may also be redistributed based on your use of the peer evaluation form.

**Attendance** will be taken at each lab and active participation is required. The attendance policy outlined in the current BCIT calendar will be enforced. A doctor's note is required for any illness causing you to miss assignments, quizzes, tests, projects or exams. At the discretion of the instructor you may complete the work missed.

**Participation:** Active participation in labs is essential to accomplish the course objectives. All assigned reading must be done before the lab. Students will find it most effective to skim the assigned reading before the lecture and then to read in more depth the areas that have been highlighted.

**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 and/or Institute.

**Examinations:** In order to write exams, students will be required to produce photo ID at exam centres. The ID must be placed on the desk before an exam will be issued to the student and must remain in view while writing the exam for inspection by invigilators. Acceptable ID is a BCIT OneCard or two pieces of identification, one of which must be government photo ID such as a driver's license. Please see BCIT Policy #5300 for formal invigilation procedures.

**Students must receive a passing grade on the individual components of the course in order to receive credit for the grades on group work, and hence to pass the course. Individual components comprise 70% of the grade for the course.**



A POLYTECHNIC INSTITUTION

Course Outline **Part B**

School of: Business  
Program: Financial Management  
Option: Accounting Degree

**FMGT 7710**

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**Effective Date: January 2004**

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### **Text(s) and Equipment**

Laudon, Laudon, & Brabston, Management Information Systems – Managing the Digital Firm – 1st Canadian Edition, Prentice-Hall, 2002, ISBN 0-13-033809-5

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### **Course Notes (Policies and Procedures)**

All members of project teams will receive the same grade on project assignments. If teams have difficulty securing meaningful participation and contribution from any member(s) of the team, they are expected to seek assistance to resolve it.

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### **Assignment Details**

**TUTORIAL REQUIREMENTS (PARTICIPATION) 7.5%**

***TUTORIAL ATTENDANCE IS COMPULSORY. The 10% attendance rule applies (see student handbook – page 12)***

The Tutorial Requirements (10.0% of the overall grade) is based on class participation.

*Excellent* participation is defined as a student consistently participating and moving ahead in class discussions. Volunteering high quality analysis and action plans. Assisting other class members in development and understanding of course objectives.

*Satisfactory* participation is defined as a student being prepared with good analysis and action plans when called upon. Understanding assigned readings and being able to explain the concepts put forward by the authors.

*Unsatisfactory* is defined as not being prepared when called upon, missing classes, presenting poorly reasoned analysis and poor action plans. Student is not familiar with assigned readings.

## WRITTEN TEAM CASES 30%

There will be two “*Team Case Written Submission*”. Students will choose teams within their tutorial/lab. Each team will prepare two of the assigned cases. Short Presentations The team “number” will determine which case each team is assigned.

The presentation should not be more than about 1700 words. The paper must discuss the three main components of a case analysis - symptoms and problems; problem analysis/application of IT Strategic theory - specifically from the lectures (including discussion of alternatives); and recommendations, complete with action plan(s).

**Symptoms and Problem Statement** - The team must identify the main symptoms in the case and be able to succinctly describe the problem/opportunity being faced. The problem identification should use Strategic IT concepts to effectively link facts in the case to the main symptoms, state the root causes, and not overlook key problems.

**Problem Analysis and Application of Theory** - The team must analyze the problem from an IT point of view and apply Strategic IT theory to various feasible alternatives that may address the stated problem. The pros and cons of each alternative should be clearly derived from the appropriate Strategic IT theory.

**Recommended Solutions** - The extent that the recommended solutions resolved the root causes identified in the problem analysis section. The recommendations *must* include a plan (or plans) of action - Who is going to do What, and When, and How (the Why should have already been established).

The “problem analysis” will receive an equal evaluation weight along with the “recommendation”. However, this assignment will also be evaluated on the quality of presentation. This includes the clarity of the presentation and the ability to keep the audience’s attention. In all instances the theory from the text book **MUST** be applied.

This course package includes a copy of the *rating form* used by the Instructor to evaluate the team case submissions

The written submissions count for 30% of the overall grade.

## MID-TERM EXAM 20%

3 Mar

This will be a combination multiple-choice and short answer essay questions, closed book exam, written in class, on the 3<sup>rd</sup> of March 2004. **The midterm exam is closed book.**

## PEER EVALUATION AND INDIVIDUAL GRADES

An unfortunate reality of team projects is that some members do not contribute sufficiently to the team’s effort. Consequently, team members will evaluate each other using a standard form that will be submitted to the tutorial instructor, or to me, in confidence. **The peer evaluation form is to be turned in (electronically) before the final evaluation (grade) is released.** Students who fail to submit a peer assessment will receive 0% for participation

The peer evaluation will consider each member’s work effort, goal achievement, leadership, and other relevant performance factors. Based on these evaluations, individual team members will receive a grade that may be up to 15 percentage points above or below the “project grade”.

I encourage you to schedule - in advance - several frank discussions in your teams about individual contributions to the team effort. Constructive performance appraisals, including feedback on each person’s strengths and

weaknesses, can help each person develop more confidence in areas of strength and pinpoint areas where improvement may be needed. The peer evaluation system is designed so that the average individual grade equals the project grade.

The peer evaluation grade is based on information from students, so an appeal to the professor will consist mainly of double-checking the accuracy of calculations from the student evaluation forms. However, all students have the right to the standard university appeal process. Students should be aware that peer evaluations are a sensitive matter and that attempts to influence or harass team members after the grades are posted may have severe consequences for a student's standing in the course or BCIT.

## **CURRENT ISSUES            7.5%**

Course Participants will be required to provide a very short description of a current article/news item with respect to the topic of the day – Persons will be assigned according to the rotations set down in class. This will form your presentation grade (7.5%). The topics will be of a strategic nature, and may be chosen from the chapter outlines in the weekly detail set out in pages 7 and 8. The marking sheet/requirements are attached in the detail course outline.

## **FINAL EXAM    25%**

**14 April 2004**

This will be an essay questions/case exam. *The final exam will be closed book.*



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

**Schedule**

School of: Business

Program: Accounting Degree

Date	Outcome/Material Covered	Reference/ Reading	Assignment	Due Date
January 14	Course Introduction – The Changing Role of Information Technology		<b>Team Set up Papa John's</b>	
January 21	Managing the Digital Firm Info Systems in the Enterprise	Chapter 1 & 2	<b>Seagrams I, Smart Cards pg 544</b>	
January 28	Info Systems (Strategy)	Chapter 3	<b>Alamo Video Music is not Free Pg 362</b>	
Feb 4	Ecomm and Ebiz Social Political Ethical Issues	Chapter 4 & 5	<b>UPS Video Case: Web Privacy 182</b>	
February 11	Computer Hardware and Software  Group Time Available – ½ Hour	Chapter 6 & 7	<b>Mckesson's Wearable Computers page 221</b>	
February 18	Managing Data Resources  Group Time Available – 1 Hour	Chapter 8	<b>Smart Store Surviving High Tech page 185</b>	
February 25	Telecomms and Networks The Internet	Chapter 9 & 10	<b>Presentations</b>	<b>CASE A</b>
Mar 3	Systems Development	Chapter 11	<b>Presentations</b>	<b>CASE B</b>
Mar 10	Mid term Exam			
Mar 17	TBA – Wear Green! Time Available for Group Work - TBA	TBA		
Mar 24	Security and Control Info Resource Mgt	Chapter 12 & 13	<b>Presentations</b>	<b>CASE C</b>



<b>Date</b>	<b>Outcome/Material Covered</b>	<b>Reference/ Reading</b>	<b>Assignment</b>	<b>Due Date</b>
Mar 31	Decision Making	Chapter 14	<b>Presentations</b>	<b>CASE D</b>
Apr 7	KBIS	Chapter 15	<b>Seagrams II</b> <b>SAP Canada</b> <b>page 478</b>	
Apr 14	The Future of Information Technology Exam Review		TBA	
Apr 21	Final Exam			