



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

Course Outline **Part A**

School of Business

Program: Financial Management

Option: Accounting Degree

FMGT 7710

Management Information Systems

Hours/Week	3	Total Hours	45	Term/Level:	Degree
Lecture:	3	Total	15	Credits:	3
		Weeks:			
Lab:	0				
Other:	0				

Prerequisites

is a Prerequisite for:

Course No.	Course Name	Course No.	Course Name
BUSA 1100	Introduction to DBMS	FMGT 8910	Integrative Business
FMGT 4210	Cost and Managerial		Management Practices
	Accounting 2		
FMGT 4710	Microcomputer Systems 2		

Instructor(s)

Ike Hall

Office No.: SE6 - 315

Phone: 412-7409

Office Hrs.: Posted on Door

Email: ihall@bcit.bc.ca

Text(s) and Equipment

There will be readings and case studies made available to students as required.

Course Record

Developed by: David Horspool Business Administration
Instructor Name and Dept.

Date: 5 Jan 97

Revised by: Ike Hall Business Administration *all*
Instructor Name and Dept.

Date: 4 Jan 99

Recommended: Margaret Briscall Financial Management
Programme Head

Date: Jan 99

Approved by: Dick Dolan Financial Management
Associate Dean

Date: January 99

Course Goals

FMGT 7710 will prepare students to:

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

Evaluation

Case Presentations and Assignments	45 %
Midterm Exam:	20 %
Final Exam:	25 %
Participation	10 %
TOTAL	100%

Course Outcomes and Sub-Outcomes

Upon successful completion of this course the student 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 plans to use information technology for organizational improvement:
 - a) research and interpret business situations,
 - b) apply commonly used models and methodologies for analysis,
 - c) develop appropriate alternatives and solutions, and
 - d) present analysis and recommendations.
- 6) Plan the implementation of an accounting information system for an organization.
- 7) Design information systems that will address specific business problems.

Course Notes (Policies and Procedures)

Please note: There will be reading assignments for material posted on the Internet – having access to the Internet from home will be very useful, but is not required.

Assignment Details**Case Presentations and Assignments:** (team assignments)

- A series of case studies will be used to illustrate issues discussed in class. All case presentations and assignments will be done by teams of three or four students. Each team will present one case, write-up two cases and provide feedback on two cases.
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Lecture / Lab Schedule

School of: Business

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Option: Accounting Degree

FMGT 7710

Management Information Systems

Week of	Outcome / Material Covered	Reference/ Reading	Assignment	Due Date (in Lab)
January 14	Course Introduction - The Changing Role of Information Technology			
January 21	Strategic Use of IT - Using Information to Gain Competitive Advantage, Enhancing Management Decision Making	Reading 1	Case 1	
January 28	Enabling Technologies - hardware, software, telecommunications Building a System Infrastructure -Architecture, Networks, Standards, Linkage	Reading 2		
February 4	Electronic Commerce - EDI, EFT, Impact on Systems, Internet, Virtual Organizations.	Reading 3	Case 2	Case 1
February 11	Thanksgiving			
February 18	Emerging Technologies – Groupware, Mobile Computing, PDA's, Impact on Systems	Reading 4		
February 25	Data Management, Data Mining	Reading 5	Case 3	Case 2
March 4	Midterm Exam			
March 11	The Role of Technology in Accounting – Audit, Forensic Accounting, Control	Reading 6	Case 4	Case 3
March 18	TBA			
March 25	Managing Information Systems: Threats and Security	Reading 7		
April 1	Implementing Information Technology	Reading 8	Case 5	Case 4
April 8	Management of IT – Control of Systems, Physical Management, IT Planning, Linkage to Strategy, MIS Organization, BPR	Reading 9		
April 15	Social Issues of Information Technology, Course Summary	Reading 10		Case 5
December 22	Final Exam			