



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
Lab:		Weeks:			

Prerequisites

is a Prerequisite for:

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

Instructor:

Ike Hall Office No.: SE - :313 Phone: 412-7409
Office Hours: As Posted E-mail ihall@bcit.ca

Course Record:

Developed by:	David Horspool Instructor Name & Department (signature)	Date:	January 1997
Revised by:	Ike Hall Instructor Name & Department (signature)	Date:	8 January 2001
Recommended by:	Allan Colbett Program Head Name & Department (signature)	Date:	12/ January 2001
Approved by:	Dick Dolan Associate Dean/Dean Name & Department (signature)	Date:	12/ January 2001

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.

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.

Evaluation

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



Effective Date: January 2001

Instructor(s)

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

Office No.: SE6 313
Office Hrs.: Posted

Phone: 412 7409

Text(s) and Equipment

Selected Readings and Handouts

Course Notes (Policies and Procedures)

Students must achieve an average minimum-passing grade of 50% on the individual components of the assignments to pass the course.

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.

Assignment Details

TUTORIAL REQUIREMENTS (PARTICIPATION)

10.0%

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.

The *oral critiques* are included in the tutorial mark of 10%

TEAM CASE PRESENTATION

15.0%

There will be a “*Team Case Presentation*”. Students will chose teams within their tutorial/lab. Each team will prepare and *present* in tutorial an analysis of one of the assigned cases. The team “number” will determine which case each team is assigned and, consequently, which week the team presents its analysis. The presentations will be made according to the distributed schedule:

The presentation should not be more than 20 minutes. The presentation 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 lectures **MUST** be applied.

NOTE: The presentation requires no written hand-in

This course package includes a copy of the *rating form* used by the Instructor and the Critiquing Groups to evaluate the team case presentations.

The presentation counts for 15% of the overall grade.

CRITIQUE

The **critique** does not require a written hand-in, but does require 2 comments/questions to be directed to the group that presented the case. Additionally, the *students critiquing* are requested to score the presenting group (utilizing the *rating form*), to help determine the final mark. The oral critiques are counted in the *participation* mark (10%).

TEAM WRITTEN CASES: 2 @ 15%=30%

Dates according to the schedule

The team *written cases* are due on the same date as the presentation for that particular case.

The team written case will follow the same format as the presentation, i.e. symptoms, problem analysis, and recommended solutions. The cases should run about 5-7 typed, double spaced pages. There is a description of a "Case Analysis Method" that is attached that you may find useful.

The written cases are worth 30% of your final mark.

MID-TERM EXAM 20%

6 Mar

This will be a combination multiple-choice and short answer essay questions, closed book exam, written in class, on the 6th of March 2001. **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 attached and must be turned in before the final evaluation (grade) is released.**

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

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 ½ of the participation grade (5%).

FINAL EXAM 25%

17 April 2001

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



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

Schedule

School of: Business

Program: Accounting Degree

Week of/ Number	Outcome/Material Covered	Reference/ Reading	Assignment	Due Date
January 9	Course Introduction – The Changing Role of Information Technology	Reading 1	Team Set up	
January 16	Strategic Use of IT – Using Information to Gain Competitive Advantage, Enhancing Management Decision Making	Reading 2	Practice Case CASE A	
January 23	Enabling Technologies – hardware, software, telecommunications Building a System Infrastructure – Architecture, Networks, Standards, Linkage	Reading 3	Readings	
January 30	Electronic Commerce – EDI, EFT, Impact on Systems, Internet, Virtual Organizations	Reading 4	Readings CASE B	CASE A
February 6	TBA	Reading 5		
February 13	Emerging Technologies – GroupWare, Mobile Computing, PDA's, Impact on Systems	Reading 6	Readings CASE C	CASE B
February 20	The Role of Technology In Accounting – Audit, Forensic Accounting, Control	Reading 7	Readings	
February 27	Data Management, Data Mining	Reading 8		CASE C
Mar 6	Mid term Exam	Reading 9	CASE D	
Mar 13	TBA	Reading 10		
Mar 20	Management Information Systems: Threats and Security	Reading 11	CASE E	CASE D
Mar 27	Implementing Information Technology	Reading 12		
Apr 3	Management of IT – Control of Systems, Physical Management, IT Planning, Linkage to Strategy, MIS Organization, BPR	Reading 13		CASE E
Apr 10	Social issues of Information Technology	Reading 14		
Apr 17	Final Exam			