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## 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.

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## Evaluation

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

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## 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.

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**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.

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**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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BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

Lecture / Lab Schedule

School of: Business

Program: Financial Management

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			