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

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

## Instructor(s)

David Horspool

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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.

## 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.
* 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.

## Evaluation

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

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| Date | Outcome / Material Covered | Reference/ Reading | Assignment | Due Date (in Lab) |
|---|---|---|---|---|
| September 6 | Course Introduction - The Role of Information Technology (IT) in Business | | | |
| September 13 | Strategic Use of IT – Gaining Competitive Advantage | Reading 1 | Case 1 | |
| September 20 | Building a System Infrastructure - Enabling Technologies | Reading 2 | | |
| September 27 | The Role of IT in Accounting | Reading 3 | Case 2 | Case 1 |
| October 4 | Data Management | Reading 4 | | |
| October 11 | Electronic Commerce I | Reading 5 | Case 3 | Case 2 |
| October 18 | Electronic Commerce II | | | |
| October 25 | Midterm Exam | Reading 6 | | |
| November 1 | ERP Systems and Supply Chain Management | Reading 7 | Case 4 | Case 3 |
| November 8 | Issues in Implementing IT | Reading 8 | | |
| November 15 | Managing IT - Threats and Security | Reading 9 | Case 5 | Case 4 |
| November 22 | Managing IT – Misc. Topics | Reading 10 | | |
| November 29 | Social Issues, Course Summary | | | Case 5 |
| December 6 | Exam Review | | | |
| December 13 | Final Exam | | | |

## 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 plans to use information technology for organizational improvements:
a. research and interpret business situations,
b. apply commonly used models and methodologies for analysis,
c. develop appropriate alternates 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.

## 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.