# BCIT COURSE OUTLINE

**Ref. no./Date**     FMGT 4750     September 1996

**Title**     Decision Support Systems

**Type and Purpose**     A general module which uses current software in developing skills and understanding in the use of Decision Support Systems.

**Pre-requisites**     Satisfactory completion of all course work to Level Three

**Texts & Tools**     Dynamics LAN Latest Version (Windows) plus at least three Add-on Productivity/Functionality packages.
Teaching and Software support provided by Systemwise International, Inc.
A Novell LAN with software pre-installed and pre-configured.

**Instructor**     Russ Curtis

**Learning Outcomes**     The successful student will:

1. Understand the role of Financial Information Systems in the context of Decision Support Systems.
2. Perform Data entry in all modules of the software, both daily and end-of-period transactions.
3. Perform Drill-downs to query daily or specific transactions.
4. Perform Drill-downs to query both formative and summative financial information.
5. Appreciate and use a variety of enhancements to the FIS.
6. Design, extract and print reports and Financial Statements using both the FIS and the enhancements.
7. Write effective business reports based on information extracted from the FIS.

**Content/Context**     Corresponding with the above Learning Outcomes, the successful student will:

1. Understand the role and functions of the FIS and Decision Support system across a range of management decisions.
2. Appreciate the benefits and costs of such systems.
3. Appreciate how financial information can be extracted from an FIS and then used to construct, alter and enhance financial statements and reports.

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| Content/Context | 4. Understand the needs analysis process that precedes the installation of such systems. |
| | 5. Be aware of the leading products and their functionality in the FIS/DSS domain. |

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| Learning and Teaching Approaches | A practical approach will be taken, with emphasis on 'hands---on' learning. |
| | The course begins with navigating through the Dynamics LAN software and the built-in Decision Support features of this software. The course will then move on to explore the modules which are generic in nature (as distinct from vertical in their application). Daily and end-of-period data entry and analysis will be covered. |
| | The course will end with examples of add-on (vertical application) software, its installation, configuration, implementation and use. |
| | A needs analysis format will be presented and used (if time permits). |

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| Assessment Procedures | Students will complete several practical assignments during the course. These will be assembled in a Portfolio of Work to be submitted for grading at the end of term. |
| | One major assignment will be given of an integrating nature at the end of the course. Assessment should be carried out continuously and opportunities should be provided to students to rectify unsatisfactory performance. |
| | Assignments must be submitted on time or no marks will be given. |
| | All of the assignments must be completed or an 'Incomplete' standing will be assessed. |
| | All of the graded work done in this course must be original work. Plagiarism will not be tolerated. |

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| Assessment Weights | Term Assignments | 60% |
| | Portfolio | 20% |
| | Final Assignment | 20% |
| | Total | 100% |

## Plan of Work

| Session Date | Lecture Topic | Lab Assignment | Homework |
|---|---|---|---|
| March 22 | Course Introduction | none | none |
| April 05 | System/Company Setup | | |
| April 12 | Receivables Series | Open House | |
| April 17 | Payables Series | | |
| April 24 | Sales Order Processing | | |
| May 03 | Report Writer | | |
| May 10 | TBA | | |
| May 17 | FRX | | |