



EFFECTIVE: SEPTEMBER 2002

CURRICULUM GUIDELINES

A: Division: **Instructional** Date: **DECEMBER 2001**
B: Department/ **Commerce & Business Admin.** New Course Revision
 Program Area: **Computer Information Systems**
 If Revision, Section(s) Revised: **Section: H**
 Date Last Revised: **1997-03 Sections C,D,F,G,I,J,M,N,O,P,Q,R**

C: CISY 200 D: INFORMATION SYSTEMS I E: 3

Subject & Course No.	Descriptive Title	Semester Credits
F: Calendar Description: This course will provide a general introduction to modern information systems analysis techniques. The student will be provided with the skills that are necessary for the analysis and design of information systems, and will apply these skills in a step-by-step manner leading from the recognition of a problem to the implementation of a solution on a case study.		
G: Allocation of Contact Hours to Types of Instruction/Learning Settings Primary Methods of Instructional Delivery and/or Learning Settings: Lectures and Seminars Number of Contact Hours: (per week / semester for each descriptor) Lecture: 2 Hrs. Seminar: 2 Hrs. Total: 4 Hrs. Number of Weeks per Semester: 15 Weeks X 4 Hours Per Week = 60 Hours	H: Course Prerequisites: Academic English 12 with a grade of C or better AND CISY 110, or equivalent	
	I: Course Corequisites: Nil	
	J: Course for which this Course is a Prerequisite: CISY 300 and CISY 480 and CISY 530 and CISY 580 and CISY 600 CISY 650	
	K: Maximum Class Size: 35	
L: PLEASE INDICATE: <input type="checkbox"/> Non-Credit <input type="checkbox"/> College Credit Non-Transfer <input checked="" type="checkbox"/> College Credit Transfer: Requested <input checked="" type="checkbox"/> Granted <input type="checkbox"/> SEE BC TRANSFER GUIDE FOR TRANSFER DETAILS (www.bccat.bc.ca)		

M: Course Objectives/Learning Outcomes

The student will be able to:

1. define information systems terms as used in current practice by information systems practitioners;
2. explain the functions of systems analysis and design, and the roles and responsibilities of the systems analyst;
3. describe current methods and approaches to information systems analysis and design;
4. describe the major phases and activities involved in the information system development process, and the corresponding outcomes and deliverables;
5. apply the systems development process in exercises and case studies, within an organizational context, using relevant techniques and methods;
6. complete a term project based on a case study, to reinforce the concepts, techniques and methods learned in the classroom.

N: Course Content

1. Introduction to information systems concepts and the systems development life cycle process.
2. Current and future trends in systems development methodologies, and overview of modern techniques, approaches and tools.
3. Systems development life cycle process within a business context, its organizational implications, and the systems analyst.
4. Preliminary investigation - problem definition and feasibility analysis.
5. Requirements definition - techniques and approaches, both structured and object-oriented.
6. Prototyping and rapid application development.
7. Analysis and design of data.
8. Analysis and design of processes.
9. Analysis and design of interfaces.
10. Systems reporting and documentation.
11. Project planning, management and control.
12. Systems construction, testing and implementation.
13. Systems operation, review and maintenance.

O: Methods of Instruction

Delivery will be by lecture, case study, and assignments. Assignments will include a term project illustrative of professional practice in CIS.

P: Textbooks and Materials to be Purchased by Students

Shelly, Gary with Thomas J. Cashman and Harry J. Rosenblatt. *Systems Analysis and Design*, Latest Edition.

Q: Means of Assessment

Assignments and Term Project (minimum 4)	25%-40%
Midterm Examination	25%-30%
Final Examination	25%-30%
Oral Presentation	5%
Quizzes (minimum 2)	5%-20%
Participation	<u>0%-5%</u>
	<u>100%</u>

R: Prior Learning Assessment and Recognition: specify whether course is open for PLAR

No.

Course Designer(s): **Sarah Stephens**

Education Council/Curriculum Committee Representative

Dean/Director: **Jim Sator**

Registrar: **Trish Angus**