



EFFECTIVE: SEPTEMBER 2005

CURRICULUM GUIDELINES

A. Division: **Instructional** Effective Date: **September 2005**

B. Department / Program Area: **Faculty of Science & Technology** Revision New Course
COMPUTING SCIENCE If Revision, Section(s) Revised: **D, E, F, G, H, K, M, N, O, P, Q, R**

F:

computer implementations of the design. Initially structured programming top-down design and procedural programming is used followed by object-oriented design (OOD) and object oriented programming (OOP). C++ is used as the implementation language.

Note: Cisy 1275 and CMPT 1110 will be treated as equivalent.

O: Methods of Instruction

The topics will be covered through in-class lectures, seminar sessions, laboratory assignments, reading, and research.

P: Textbooks and Materials to be Purchased by Students

Deitel & Deitel, "C++ How to Program", Latest Edition, Prentice Hall
OR

Malik, D.S., "C++ Programming: Program Design including Data Structures", Latest Edition,

Course Technology

- Portfolio for programming assignments

- Five 3 1/2" high density diskettes

Q: Means of Assessment

Assignments (minimum 2) 20 – 35%

Quizzes 0 – 20%

Participation 0 – 5%

Midterm examination 20 – 30%

Final examination 25 – 40%

TOTAL 100%

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

Yes

Course Designer(s): **John Girard and Eric Meyer**

Education Council / Curriculum Committee Representative

Dean / Director: **R. Coulson**

Registrar: **T. Angus**