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

B. Department /   **Faculty of Science & Technology**
Program Area: **COMPUTING SCIENCE**

Revision   **X**   New Course

If Revision, Section(s)   **D, E, F, G, H, K, M,**
Revised: **N, O, P, Q, R**

F:

mputer 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 ½" 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**