



## **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**

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**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**