
PROG 1400**Introduction to Object Oriented Programming****Course Weight:** 60.00**Course Description**

This course is an introduction to the essentials of object oriented programming (OOP). This course provides an explanation of the paradigm on which OOP is based, and how it affects programming strategies and solutions.

Rationale

The course provides an introduction to OOP principles and the programming skills necessary to implement these in a current object oriented language.

Prerequisite(s):

PROG 1101 (Introduction to Programming – Visual Basic) or PROG 1102 (Introduction to Programming - Python) or PROG 1700 (Logic and Programming I)

Corequisite(s):

None

Learning Outcomes

Learners are required to successfully complete each course outcome. In keeping with NSCC's approach to portfolio learning, learners will have demonstrated the ability to:

1. Research the principles of object-oriented programming, including encapsulation, inheritance and polymorphism.
2. Implement object-oriented design principles in OOP applications.
3. Demonstrate code reuse by working with existing libraries within the development framework.
4. Develop technical documentation to support OOP applications.
5. Produce intermediate level communication documents and presentations using an office software suite.

Grading

The pass for this course is 60%.

Other Course Notes

It is the responsibility of the student to review and understand all Nova Scotia Community College policies, most specifically the Student Code of Conduct, Academic Integrity, Student Appeals, Use of Copyright Materials, and Academic Accommodation policies.

Policies directly applicable to students are referenced in the student handbook. The policies and procedures can be found on the College website: http://nsc.ca/current_students

If you have questions about policies and/or procedures, you are encouraged to ask Faculty, your Academic Chair or Staff at Student Services.

Workplan

A workplan for this course is attached and will be reviewed by your faculty member (s) within the first week of class study.