nscc

Course Outline

Course Title	Introduction to Systems Analysis and Design (AD)
Course Code	SAAD 1001
Hours	60
Credits	4
Prerequisites	PROG 1101 or PROG 1102 or PROG 1700
Co-Requisites	
Conditions	

Course Description

This course explores the analysis and design phases of the software development life cycle using object-oriented methodologies and tools. Exploration can include an introduction to the Unified Modelling Language (UML), the philosophy of agile development/design and the basics of good proposal writing.

Rationale

An understanding of basic object-oriented analysis and design principles is essential for robust application development and design. This course introduces learners to these principles.

Learning Outcomes

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

1. Write a systems requirements document to address an information system's needs.
2. Develop a System Specification document to address the system requirements.
3. Diagram requirements and specifications using UML, at Domain and Detailed levels.
4. Define testing terminology and develop test cases.

Grading

The pass for this course is 60%

Required Supplies

Under Development

Other Learning Resources

See your Instructor for details.

Other Information

Not Applicable

Other Course Notes

It is the responsibility of the student to review and understand all Nova Scotia Community College policies, most specifically the Student Community Standards, 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: Policies & procedures (https://nscc.ca/policies/)

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.