

SAAD 1001**SAAD - Systems Analysis & Design****Course Weight: 60****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.

Prerequisite(s):

NETW 1700 (Introduction to Networking and Security)

Learning Outcomes

Learners are required to successfully complete each course's outcome.

In keeping with NSCC's approach to portfolio learning, learners 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.

The pass for this course is 60%.

Grading

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.