nscc

Course Outline

Course Title	Web Application Programming I
Course Code	INET 2005
Hours	90
Credits	6
Prerequisites	DBAS 1100 or DBAS 1007, PROG 1400, WEBD 1000
Co-Requisites	
Conditions	

Course Description

This course focuses on the planning, design and development of dynamic (data-aware) web pages using server-side programming and database connectivity.

Rationale

Dynamically interacting with users is essential to personalize the user's experience on a web site. A familiarity with web programming languages and database fundamentals is essential for students that seek work in this field. The purpose of this course is to provide students with the programming and database skills necessary to store, retrieve and process data.

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. Explain and demonstrate the fundamentals of server side web programming and how it relates to modern web development.
2. Develop data-centric web applications using a server side programming technology.
3. Manipulate and retrieve remote data using SQL within server side web applications.
4. Use an established MVC (or similar) server side framework to develop web applications.

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.