

Course Outline

Course Title Data Fundamentals

Course Code DBAS 1007

Hours 60

Credits 4

Prerequisites

Co-Requisites

Conditions

Course Description

This course introduces students to the concept of a database management system and its role in the IT infrastructure of any business. Students will use a database management system to develop a database and use this database to store and manipulate data. Students will also be asked to interpret database diagrams and create database objects based on their meaning.

Rationale

Every modern business needs to maintain information in every area of its company and database management systems are a key technology used in managing this information. It is an IT professional's job, therefore, to understand the uses of a database and how this technology is applied within a business to solve information management problems.

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. Follow best practices in the structuring of data components.
2. Implement a data storage solution using one or more DB structures.
3. Use a DB structure for input and output of data.
4. Determine the best data management platform for the customer needs.

Grading

The pass for this course is 60%

Required Supplies

See instructor for details.

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 \(https://nscc.ca/policies/\)](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.