

DBAS 1007**Data Fundamentals****Course Weight:** 60.00**Course Description**

This course introduces learners to the concept of a database management system and its role in the IT infrastructure of any business. Learners will use a database management system to develop a database and use this database to store and manipulate data. Learners 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.

Prerequisite(s):

None

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. 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.

Grading

The pass for this course is 60%.

Required Supplies

See instructor for details.

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.