



BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

School of Business

Program: Business Administration

BUSA 4610

Introduction to Database Management Systems

Hours/Week 3

Lecture: 1

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Text(s) and Equipment

Required:

Exploring Microsoft Access 2000, Grauer & Barber, Prentice Hall, 1999

Course Outcomes

Upon successful completion of this course the student will be able to:

Use Microsoft ACCESS to:

- Design tables and their relationships
- Create queries to extract necessary information;
- Create forms for end users to interact with databases;
- Use macros for automating multiple tasks;

Course Notes (Policies and Procedures):

I.D. Required In Exam Centers

Effective December 2000, students will be required to produce photo-identification for admittance to examination halls. Photo I.D. must be placed on the desk while writing the exam, for inspection by invigilators. Students should bring a BCIT OneCard or alternatively two pieces of identification, one of which must be government photo I.D. such as a drivers license. Please see BCIT Policy #5300, Formal Invigilation Procedures

Evaluation

| | | | |
|-------------|------|-------------|------|
| Assignments | 20 % | Project: | 20 % |
| 2 Quizzes: | 30 % | Final Exam: | 30% |

Note: Assignments and the project are considered for the final mark if the exams are passed

Developed by: Masoud Jalili Date: Dec 11, 2000
Instructor Name & Department

Approved by: [Signature] Start Date: Dec 11/2000
Associate Dean/Dean Name & Department
(signature)

| Week | Outcome/Material Covered (Lecture / Lab) | Reference/ Reading |
|--------|--|-----------------------|
| Jan 1 | Introduction to databases | Chapter 1 |
| Jan 8 | Relational Data model – Database Objects | |
| Jan 15 | Table Design | Chapter 2 |
| Jan 22 | Forms Design | |
| Jan 29 | Query Design | Chapter 3 |
| Feb 5 | Report Design | |
| Feb 12 | Advanced Queries and Relationships I | Chapter 4 |
| Feb 19 | Advanced Queries and Relationships II | |
| Feb 26 | One – To – Many Relationships | Chapter 5 |
| Mar 5 | One – To – Many Relationships | |
| Mar 12 | Spring Break – No Classes | |
| Mar 19 | Many – To – Many Relationships | Chapter 6 |
| Mar 26 | Many – To – Many Relationships | |
| Apr 2 | Building Applications - Macros | Chapter 7 |
| Apr 9 | Building Applications – Macros | |
| Apr 16 | Database Driven Web Pages | Extra Topic |
| Apr 23 | Database Driven Web Pages | |
| Apr 30 | Database Driven Web Pages | |
| May 7 | Review | |
| May 14 | Review | |
| May 21 | Final Exam | |