Building a Database - CITP0102M
Subject Outline - Learning Guide

Nominal Class Hours: 54  Class Day/Times: Mon 1:30-4:30 pm
Room TA202
Additional Study Hours: 40  Teacher: Rhys Shobbrook

Subject Description
This subject provides learners with the skills and knowledge required to build and implement a database from an established design and to incorporate the database into the development of a dynamic web site.

Students are required to participate in discussions/lectures/activities covering the following:
1. The database design is confirmed,
2. Data structures, queries, screens and reports are developed,
3. Access and security systems are developed,
4. Use of Microsoft Access to create and test a database prototype,
5. Database logins are created,
6. Data source names are created,
7. Database connectivity tested,
8. Live system is implemented.

ICAITB170A – Build a Database
1. Database design is confirmed
2. Data structures, queries, screens and reports are developed
3. Access and security systems are developed
4. Database prototype is created and tested
5. The live system is implemented

ICAITB180A – Integrate a Database with a Website
1. Database(s) is developed
2. Database logins are created
3. Data source names are created
4. Database connectivity tested

For performance criteria
See web URL cit.wta.swin.edu.au for relevant performance criteria and assessment criteria.

Outline Date: Semester 1  2005
Specific Learner Group: Full time Traditional Classes
Course Structure: This subject stream is 18 weeks in duration
Course Map: This subject stream is taught concurrently with the other four subject streams in the Certificate in Dynamic Website Design

Teacher:
Name: Rhys Shobbrook    Phone: 9214 5325

Email: rshobbrook@swin.edu.au
### Learning Resources

**Software:**
1. Microsoft Access XP and Dreamweaver MX 2004 (*Students are not expected to supply software*),
2. Exercise disks/CDs to save the work you create. (*Students to supply*),
3. Resources and references provided on the ‘T’ network drive – T\SAL\cit\Certificate of Dynamic Web Site design\building a database\......
4. Prescribed text (classroom teacher will provide list).

### Delivery Schedule

**Broad Delivery Overview**
This subject stream comprises two competencies; these are taught in sequence and assessed separately. There are a total of 54 hours of student contact in class with a teacher/mentor over 18 weeks. The students are expected to put in an equivalent number of hours outside class time.

**Detailed Delivery Schedule**
Details about what is delivered and when are found on the network drive T\SAL\cit\Certificate of Dynamic Web Site design. This network drive is accessible from every classroom. For information over the internet use the following URL cit.wta.swin.edu.au.

### Attendance Requirements

You are expected to attend 80% of the classes.

### Assessment Tasks

For every day that the task/assignment is handed in late, 10% of the total possible marks will be deducted.

Specific assessment details will be provided on assignment briefs and assessment tools.

Students are advised that all assessment items must be their own work, unless otherwise stated, such as with group assessment items.

**Note:**
- It is not acceptable to copy and submit the work of other students.
- It is not acceptable to copy material obtained from texts/web unless the source of the information is clearly acknowledged and such is allowed as part of the assessment.
- If in any doubt you should check with your teacher before submitting the assessment item.

**Specific Assessment details**
There are two assessment tasks:
1. Assignment 1 – Building a Database (50%),
2. Assignment 2 – Develop a Dynamic Web Site (50%),

Students must be deemed competent in each assessment item to receive a graded result. (see marking Guide on the web at URL cit.wta.swin.edu.au for more details)