Foxford Learning Plan

YEAR 12

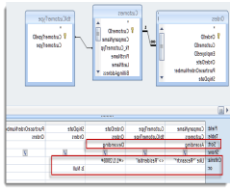
ICT – Unit 2 Creating System– Learning Aim B1
Spring 1

Key Vocabulary

Requirement	Represents a need that an Information System should fulfil.
Field	The components that provide structure for a table. A field defines the individual elements of a record.
Table	A table consists of rows each of which shares the same columns but vary in the column values.
Attributes	An attribute is a property or characteristic of an entity. An entity may contain any number of attributes.
Action query	Action queries allow us to delete specified records, append records from one table to another, update information in a group of records, or create new tables.
Design view	A visual representation of the families, fields, and criteria that the query is configured to return
Criteria	A query criterion is an expression that compares field values to determine whether to include the record that contains each value.
Multiple criteria query	When you use criteria from more than one field or from more than one table.
Wildcard	A character that substitutes for another character or string of characters when searching a database.
Calculated field query	A field that derives its value by performing a function on values from other table fields.
Relationship	A relational database is made up of more than one table and these tables will be linked together by certain fields. Where these fields are linked, this is called a relationship.
Input form	A form is a database object that you can use to enter, edit, or display data from a table or a query.
Report	Report is used to export data and present it in a way that is easy to read.

Key Skills

Over the course of the topic, I will be able to: –
Analyse user requirement
Give suitable fields name
Identify the attributes of database, such as a table , record or a field
Create series of queries using set criteria
Create input form or user interface
Know how to create suitable report
Create queries using design view





I will Understand

1. The purpose of user requirement
2. appropriate fields name
3. The attributes of the component of a database, such as a table or a field
4. How to extract data using query criteria's out of relational databases
5. Why input form or user interface is better than table
6. Different way to present information using report
7. Design view and data view