**Database Design Marking Guidelines (to be used in conjunction with the formal marking scheme)**

80%+

An original scenario that is clearly not derived from any of the course materials. An ER model that exhibits **all the modelling features** taught and demonstrated in the module and are **used correctly**. The model also demonstrates **additional learning**, for example by the correct modelling of recursive relationships. The ER model has been **translated correctly** to a relational model and both models are **consistent and technically correct**. The models **do not contain any semantic or syntax errors**.

70-80%

An original scenario that is clearly not derived from any of the course materials. An ER model that exhibits **all the modelling features** taught and demonstrated in the module and are **used correctly**. These features include 1:m and 1:1 relationships, optional and mandatory participation constraints, composite primary keys, natural keys where appropriate, a wide range of appropriate attribute data types and appropriate use of not-null and unique attribute constraints. The ER model has been **translated correctly** to a relational model and both models are **consistent and technically correct**. The models **do not contain any semantic or syntax errors**.

60-70%

An ER model that exhibits **the majority of the modelling features** taught and demonstrated in the module and are **used correctly**. These features include 1:m and 1:1 relationships, optional and mandatory participation constraints, composite primary keys, natural keys where appropriate, a wide range of appropriate attribute data types and appropriate use of not-null and unique attribute constraints. The ER model has been **translated correctly** to a relational model. Work in this mark range **does not contain any consistent or systematic errors** which indicate a lack of understanding of underlying concepts but may contain **one or two minor errors** such as minor inconsistencies between the models or minor semantic or syntax errors.

50-60%

An ER model that exhibits **many of the modelling features** taught and demonstrated in the module and are **used correctly**. These features include 1:m and 1:1 relationships, optional and mandatory participation constraints, composite primary keys, natural keys where appropriate, a wide range of appropriate attribute data types and appropriate use of not-null and unique attribute constraints. The ER model has been **translated to a relational model with few errors**. Work in this mark range **does not contain consistent or systematic errors** which indicate a significant lack of understanding of underlying concepts but may contain **some errors** such as incorrect relationship constraints, minor inconsistencies between the models or minor semantic or syntax errors.

40-50%

The ER model exhibits **some modelling features used correctly** and **demonstrates an understanding of the main concepts** of database design, entities, attributes, keys and relationships. **Some misunderstanding and minor mistakes and omissions are acceptable here**.

<40%

The ER model does not indicate that authors are able to use their knowledge to design a database in a way that adequately meets the coursework requirements. **Significant misunderstanding and fundamental design/technical errors will be evident** in work graded at this level.