

# **Information Systems Analysis & Design (M8748)**

## **Tutorial 14**

1. What levels of visibility may be assigned to an attribute or an operation?
2. Why should attributes be private?
3. How does the application of the concepts of coupling and cohesion help to produce object-oriented designs?
4. What are the advantages and disadvantages of applying the Liskov Substitution Principle?
5. How can collection classes be used when designing associations?
6. Under what circumstances should a collection of object references be included in a class?
7. How can referential integrity be enforced in an object-oriented system?
8. Under what circumstances is normalization useful during object-oriented design?