

# **Tutorial Letter 102/2/2018**

## **Advanced Graphical User Interface Programming**

### **ICT3611**

#### **Semester 2**

#### **School of Computing**

**IMPORTANT INFORMATION**

This guide contains examination guidelines

## 1 Work covered

1. Everything covered in the textbook is important. Specifically:
  - (a) You must be able to provide code examples of the concepts covered in the textbook.
  - (b) You must be able to explain the functionality of code presented to you.
  - (c) You must be able to provide explanations for the concepts discussed in the textbook.
  - (d) This course used VB.NET 2012, your answers must therefore be in VB.NET 2012. That is, don't attempt to write Java, C++, C#, or any other language other than VB.NET.

## 2 Format

The examination paper has a total of 70 marks, and its duration is two hours.

1. Question 1: Multiple choice
  - (a) 10 marks.
  - (b) The multiple choice questions cover the entire syllabus.
2. Question 2: File processing
  - (a) 20 Marks.
  - (b) Write code on file processing.
  - (b) Know file and string processing functions and routines.
3. Question 3: Objects and classes
  - (a) 20 Marks
  - (b) Know the concepts of object orientation.
  - (c) Write a class definition from scratch. This means that you have to write the entire class definition.

4. Question 4: Databases

(a) 10 Marks.

(b) Know utilization of data manipulation wizards and data aware components.

5. Question 5: WSDL file

(a) 10 Marks.

(b) Know how to work with projects that make use of WSDL files.

GOOD LUCK!

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