

**ADVANCED GCE**

**G054/IT**

**APPLIED INFORMATION AND COMMUNICATION TECHNOLOGY**

Unit 15: Software Development

**INSTRUCTIONS FOR TEACHERS**

**MAY 2008**

**To be opened on receipt**



This document consists of **4** printed pages.

## Instructions for Teachers

### 1 Case Study/Pre-release tasks

The case study and set of pre-release tasks, together with the examination, provides the external assessment for the following external unit:

#### **G054: Software Development**

The pre-release tasks do not replace the teaching of the unit. To achieve the assessment requirements, candidates need to take part in a planned learning programme which covers the knowledge and skills specified in the 'What You Need to Learn' section of the unit.

The case study comprises of:

- a case study of a fictional company
- a set of pre-release tasks relating to the case study.
  - One of the pre-release tasks will give guidance on the notes that the candidate needs to make to help them prepare for the exam.
  - The remaining task(s) will be awarded marks by OCR. The maximum number of marks available for the task(s) will be stated. The marked tasks will change between the January and the June examination sessions.

The case study will remain the same for a January and a June session in any given year.

### 2 Time Allocation

The nominal time allowance for a GCE in Applied ICT unit is 60 hours. The external assessment (pre-release tasks and examination) should represent approximately one-third of the unit time. Some tasks may take longer to complete than others and candidates can be guided on the amount of time to take for each task.

### 3 Delivery patterns

Candidates can be given the pre-release tasks at any time before the examination, but it is essential that candidates are adequately prepared before starting the pre-release tasks.

### 4 Supervision of pre-release tasks

- Teachers are not required to supervise candidates directly when they are carrying out research or preparatory work for the pre-release tasks. However, the tasks **must** be carried out under conditions that enable the teacher to be confident that the work is the candidate's own.
- Candidates can be given support and advice in the interpretation of the materials and tasks. They should not, however, be directly assisted in carrying out the tasks. As far as possible, candidates' work should be produced using ICT. Diagrams may be hand drawn.
- Supervision of the use of ICT and control of access to files must be sufficient to ensure that the material submitted for marking is the authentic original work of the individual candidate.
- Teachers must take the steps necessary to satisfy themselves that the work submitted is solely that of the candidate concerned. Information taken from other sources, such as the Internet, must be reworked such that it is the candidate's own wording. It is not acceptable or advisable for candidates to copy large parts of material from other sources as the tasks require candidates to apply their knowledge to the case study.

## 5 Submission of pre-release tasks

- The work produced in response to the pre-release tasks must be submitted to the teacher when it is completed. Candidates must present their work as a hard copy. They should use a treasury tag to secure the work together.
- The work must be collated so that it is presented in task order.
- Candidates **must not** submit any material other than their response to the pre-release tasks.
- Each page of the work must be marked clearly with the candidate's name, Centre number and task number.
- Teachers must not assess the work produced in response to the pre-release tasks.
- The candidate's work must then be kept secure until it is returned to the candidate at the start of the examination.
- The candidates' pre-release tasks are submitted, in their entirety, with the question paper at the end of the examination.

## 6 Authentication

Candidates must sign a candidate authentication form to indicate that the work they submit in response to the pre-release tasks is their own work. The teacher must collect in the candidate authentication forms and store them securely before they authenticate that the material submitted in response to the pre-release tasks is the candidate's own work. The Centre Authentication form should be completed and sent with the examination scripts to the examiner.

## 7 The examination

The work submitted in response to the pre-release tasks must be given back to candidates at the start of the examination.

Marks for the external test are awarded as follows:

- 80 marks out of the total available 100 marks for the assessment can be awarded from the pre-release tasks and notes.
  - 30 of these marks are available for completing tasks 2 and 3. If a candidate has not completed the pre-release tasks that are awarded marks prior to the exam they may complete them in the exam on additional examination stationary. However the time allowance for the exam is based upon the time needed to answer each examination question. Candidates will disadvantage themselves if they take valuable examination time up with responding to the marked pre-release tasks.
  - The remaining 50 marks can be awarded by responses to questions that relate to the notes made in response to the first pre-release task.
- 20 of the marks are awarded from knowledge based on the 'What you need to Learn' section of the unit.

Candidates **must** answer questions in the Question Paper by answering in the space provided in the Question Paper only or by using additional examination stationary. Candidates **must not** highlight sections of their notes and refer the examiner to them. Examiners will not refer to notes made in response to the first task. Candidates must only use their notes that have been prepared from the pre-release tasks to help answer the questions.

At the end of the examination the work produced in response to the pre-release tasks must be submitted to OCR inside the Question Paper.

In June, if candidates wish to re-sit the examination, work produced for a January examination will need to be updated. The pre-release tasks that are awarded marks will change for each examination session. The case study and the task that enables candidates to make notes from the pre-release will remain the same in any given academic year.

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