

Applied ICT

OCR GCE H515/H715 Unit G049 Numerical modelling using spreadsheets Unit Recording Sheet

Please read the instructions printed	at the end of this form. One of these sh	neets, suitably completed, should	d be atta	ached to t	he assesse	ed work of each	candidate.					
Unit Title 10 Numerical r	modeling using spreadshee	ets	Unit	Code	G049	Session	Jan / June	Year	2	0	0	
Centre Name							Centre Number	•				
Candidate Name							Candidate Num	ber				
your solution using suitable entry aids	include: a: [AO3] a design specification is and processing facilities; c: [AO3] a region that explains how your spreadsheet	ecord of how you overcame your	r proble	ms; d: [A0	D4] a spec	ification for testi	ng your spreadsheet, an	d evidence	of the re	esults	of thes	sе
Criteria						Teacher Comment).
a.1: You produce a design specification that takes account of user requirements;	a.2: you produce a design specification that is complete and details sources of data, numerical processing required, user aids and	a.3: you produce a design specification that provides a clear, precise and complete description of a numerical modelling solution to a problem.										
	how output is to be presented;			Mark								
[0 1 2]	[3 4 5]		[6 7]									
b.1: You produce a numerical modelling spreadsheet solution which can be implemented and includes data entry, numerical processing and output;	b.2: you produce a solution that effectively includes specialist numerical processing functions and complex spreadsheet facilities;	b.3: you implement a complet solution to a complex problem consistently shows effective us complex spreadsheet facilities data entry, numerical processi	that se of for									
		and presentation of output.		Mark	-							
[0 1 2 3 4 5]	[6 7 8 9 10]	[11 12 13 1	4 15]									
c.1: You produce a record of the strategy used to implement the spreadsheet solution, including methods used to overcome problems;	c.2: you show that the solutions used to overcome problems show an understanding of both the user's needs and the effective use of spreadsheet facilities;	c.3: you use methodical, analy and critical approaches to overcome problems during implementation; your methods fully address the user's needs make effective use of spreadsl	will and	Mark								
[0 1 2]	[3 4]	facilities.	[5]									
d.1: You test the spreadsheet to check that it meets the requirements of the design specification;	d.2: you provide evidence that a testing specification is followed that adequately tests the functionality of the spreadsheet solution;	d.3: you provide a detailed tes specification which tests all as of the solution with a full range acceptable and unacceptable i	st pects of									
		expected output, and any associated error messages.		Mark	-							
[0.1.2]	[3 4]	[r	5 6 71									

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Criteria						Teacher Comment Page			
e.1: You produce clear technical and user documentation that identifies numerical processing methods used, includes copies of menus and screens used and provides expected outputs;	go tog ted ex-	e: you produce technical and er documentation which makes od use of graphic images, gether with explanations of chnical aspects of the solution, amples of menus and data input reens, types of output available d possible error messages;	technical ar which make graphic ima explanation aspects of t menus and types of out	oduce completed user documents effective user user user user user user user use	entation of vith al amples o ens,	f	Mark		
[0 1 2 3]		[4 5]			[6 7 8	1			
f.1: You comment on the effectiveness of the final solution, with some overall indication of how the work may be improved in the future; you evaluate aspects of your personal performance that affected the solution; your report may contain errors in spelling, punctuation and grammar;	fin- str to im- as pe str aff su- ov-	eyou provide an analysis of your al solution, identifying the engths and weaknesses in order identify how the work may be proved in the future; you evaluate process of your personal engths and weaknesses that exted the solution, with some ggestions for improvement to the enall process; your report entains few spelling, punctuation d grammar errors;	analysis of yidentifying hinitial brief, feedback in the work ma future; you opersonal pee your strengt and how yo issues to be future; your well-structure.	ovide a full critic your final solutions well it meetaking into accorder to identificate by into accorder to identificate by into accorder to identificate by into accorder and weaking and weaking and there we spelling, puncti	on ts the ount user y how in the ts of you dentifying esses these in the stently vill be	r	Mark		
			and gramma			-	mark		
[0 1 2]		[3 4 5]			[6 7 8	1			
				Т	otal/50)			
If this work is a re-sit, please tick		Session and Year of previous sub	mission	Jan / June	2	0	0	Please tick to indicate this work has been standardised internally	

Please note: This form may be updated on an annual basis. The current version of this form will be available on the OCR website (www.ocr.org.uk). A completed Centre Authentication form CCS160 **must** accompany the MS1 when it is sent to the moderator.

Guidance on Completion of this Form

- 1 **One** sheet should be used for each candidate.
- 2 Please ensure that the appropriate boxes at the top of the form are completed.
- 3 Please enter specific page numbers where evidence can be found in the portfolio, and where possible, indicate to which part of the text in the mark band the evidence relates.
- 4 Circle the mark awarded for each strand of the marking criteria in the appropriate box and also enter the circled mark in the final column.
- Add the marks for the strands together to give a total out of 50. Enter this total in the relevant box.