-SQA-SCOTTISH QUALIFICATIONS AUTHORITY

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NATIONAL CERTIFICATE MODULE DESCRIPTOR

-Module Number-		0064821	-Session-1986-87			
-Superclass-		XQ				
-Title-		SHIPBUILDING DRAWING 2				
-DESCRIPTION-						
Type and Purpose	A <u>specialist</u> module which enables the student to develop skills in shipbuilding drawing techniques					
Preferred Entry Level	04820 Shipbuilding Drawing 1 04812 Surface Development and Pattern Drawing 1					
Learning Outcomes	The student should:					
	1.	be able to apply current I procedures;	ofting techniques and			
	2.	prepare working drawings of com	ponents and structures.			
	3.	prepare typical work instruction of stations.	drawings for use at work			
Content/ Context	Corresponding to the Learning Outcomes:					
	1.	survey of current lofting techniques, procedures and exercises for: fairing plate edge lines, positioning and fairing longitudinals; shell plate development; components intersecting deck with sheer and camber; fairing inner bottom and shaft swell; double plate/ bilge keel.				
	2.	examples and exercises of wor from assembly drawings such as seatings, hatchway units, rudde mooring fittings.	king drawings prepared to fore and aft structures, r fittings, derrick fittings,			
	3.	work instruction drawings, critical control, material lists, work conte	dimensions for accuracy nt data, etc.			

Suggested Learning and Teaching Approaches	The module activities should take place in an environment appropriate to the learning outcomes.					
	The need to work logically and in an orderly manner should be emphasised.					
	Stude inforr	ents nation	should have access to up-to-date sources of			
	Realistic industrial applications should be used to reinforce the principles covered in the module.					
	Effective current practice should be emphasised.					
	Classwork should be related to the student's vocational interest.					
Assessment Procedures	All learning outcomes must be validly assessed.					
	The student must be informed of the tasks which contribute to summative assessment. Any unsatisfactory aspects of performance should, if possible, be discussed with the student as and when they arise.					
	Acceptable performance in the module will be satisfactory achievement of the performance criteria specified for each learning outcome.					
	The following abbreviations are used below:					
	LO Learning Outcome IA Instrument of Assessment PC Performance Criteria					
	LO1	IA	Graphics exercise.			
		PC	From given data, the student carries out lofting procedures to an acceptable standard.			
	LO2	IA	Graphics exercise.			
		PC	From a given assembly drawing, the student prepares working drawings for components specified:			
		(a)	using appropriate conventions;			
		(b)	to an agreed standard;			
		(c)	in a reasonable time.			

- LO3 IA Graphics exercise.
 - PC From given data, the student prepares a work instruction drawing for use at a given work station.

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