



FACULTY OF SCIENCE

	Examiner	Moderator
Paper 1 30 marks		
Paper 2 70 marks		
EM/100		

	Examiner	Moderator
SM		
EM		
FM		

**DEPARTMENT OF APPLIED PHYSICS AND ENGINEERING MATHEMATICS
NATIONAL DIPLOMA IN ENGINEERING:
Mechanical**

MODULE **MAT3AW3** ENGINEERING MATHEMATICS 3 (Paper 2)
CAMPUS **DFC**

NOVEMBER EXAMINATION 2014

DATE:

SESSION:

ASSESSOR:

MRS E KIRCHNER

MODERATOR:

MRS Q VAN DER HOFF

DURATION: 3 HOURS

FULL MARKS: 100

SURNAME AND INITIALS	
STUDENT NUMBER	
CONTACT NUMBER	
LECTURER	

NUMBER OF PAGES: 16 PAGES

REQUIREMENTS: MATHEMATICS INFORMATION BOOKLET

2.2 Given: $f(t) = t - tH(t-2) + (t-3)H(t-3)$

Sketch the graph of $f(t)$ for $t \geq 0$. (3)

[9]
