

DEPARTMENT OF MECHANICAL AND MECHATRONIC ENGINEERING

MEng Structured (Mechanical)

Programme Outline 2020

MEng Structured Mechanical Engineering = 8 modules (120 credits) + project (60 credits):

The Section in brackets next to the group refers to the Departmental Application form. This document should be studied in consultation with the <u>Schedule for 2020</u>.

	OPTION 1:	OPTION 2:
Group 1 (Sec 3.3):	Partial Differential Equations	Numerical Methods
Group 2 (Sec 3.5):	3 of the following:	2 of the following:
	 Advanced Topics in Engineering Management 	 Advanced Topics in Engineering Management
	 Data Science 	\circ Data Science
	 Project Management 	 Project Management
	 Project Economics & Finance 	 Project Economics & Finance
Group 3 (Sec 3.4):	Research Methodology	Research Methodology
Group 4 (Sec 3.4-3.6):	3 of the following:	4 of the following:
	 Advanced PV Systems 	 Advanced PV Systems
	 Bioenergy 	 Bioenergy
	 Energy Storage Systems 	 Energy Storage Systems
	 Industrial Heat Exchangers 	 Industrial Heat Exchangers
	 Integrated Supply Side Technology 	 Integrated Supply Side Technology
	 Ocean & Hydro Energy 	 Ocean & Hydro Energy
	 Renewable Energy Policy 	 Renewable Energy Policy
	 Smart Grid Technology Overview 	 Smart Grid Technology Overview
	$_{\odot}$ Solar Thermal Energy Systems	$_{\odot}$ Solar Thermal Energy Systems
	 Wind Energy 	\circ Wind Energy
Group 5:	Project (Mechanical) 60 credits	Project (Mechanical) 60 credits

Module choices are subject to approval by the Programme co-ordinator. Offering of modules are subject to availability.

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saam vorentoe · masiye phambili · forward together Department of Mechanical and Mechatronic Engineering Departement Meganiese en Megatroniese Ingenieurswese Privaat Sak XI, Private Bag XI, Matieland, 7602 Tel: +27 21 808 4376 | www.mecheng.sun.ac.za

