

PG-Dip in Power Plant Engineering Course schedule

Code	Course Name		2023		2024	
			Semester 1	Semester 2	Semester 1	Semester 2
University of Cape Town		Core/ Elect	<i>(The exact date of the contact week will be finalized at the beginning of 2023)</i>			
MEC4115Z	Overview of the Power Plant Industry	C			±R 9100	
MEC4116Z	Power Plant Systems Analysis	C			±R 9100	
MEC4118Z	Systems Engineering in the Power Industry	C				±R 9100
MEC4119Z	Mechanical Behaviour of Materials	C				±R 9100
MEC4120Z	Leadership in a Technical Environment	C	±R 8500			
MEC4117Z	Power Plant Boilers: Thermofluid Processes and Controls	E		±R 8500		
MEC4122Z	Turbine Plant Engineering	E		±R 8500		
MEC4131Z	Power System Flexible Operation	E	±R 8500			

Note: Course costs are only finalized close to the beginning of the year of course offering. The values shown are for budgeting purpose only

Other institutions (see note)

Stellenbosch University

714	Renewable Energy Systems	E				
	Energy Storage Systems	E				
	Solar Thermal Energy Systems	E				
	Bioenergy	E				

University of Pretoria

MIR 781	Reliability Engineering	E				
MIC 780	Condition Based Maintenance	E				
MEE 781	Advanced Finite Element Methods	E				

Note: Courses from these universities are subject to that institution's schedule changes and availability. Admission to these may also be different for each, and attending the PGDip and UCT does not guarantee access to the other institutions. It is up to the student to apply for a specific course well in advance and obtain the necessary acceptance and detail schedule. Applications typically closes by October in 2022. Courses from other institutions must first be approved by the UCT PGDip Programme Convener. For budgeting purpose one may use similar costs as those for UCT, but UCT has no control over the actual costs.