

EUREM South Africa – Course Structure

	Wednesday	Thursday	Friday
I. Energy Fundamentals			1.1 Basic Power Engineering (3h) 1.2 Control & Measuring Technologies (3h)
II. Energy Economics		2.1 Energy Market (3h)	2.2 Energy Efficiency Economics (6h)
III. Energy Management	3.1 Energy Management Systems (6h)	3.2 Energy Data Management (3h) 3.5 Internal Audits (3h)	3.3 Load Management (3h) 3.4 Change and Project Management (3h)
IV. Efficient Buildings		4. Energy Efficiency in Buildings and Lighting (7h)	4. Energy Efficiency in Buildings and Lighting (7h)
V. HVAC and Cooling		5. Heating, Ventilation, AC and Cooling (7h)	5. Heating, Ventilation, AC and Cooling (7h)
VI. Electrical Applications	6.3 Green ICT (3h)	6.1 Electric Drives and Motor Efficiency (6h)	6.2 Efficiency of Compressed Air Systems (6h)
VII. Energy and Heat Technology	7.1 Cogeneration (6h)	7.2 Process Heat (6h)	7.3 Bioenergy: Biomass and Biogas (6h)
VIII. Solar Energy Technologies		8.1 Photovoltaic and Solar Hybrid Systems (6h)	8.2 Solar Heating, Cooling and Process Heat (6h)