

# EUREM SOUTH AFRICA

## COURSE STRUCTURE CAPE TOWN 2018

<b>I. Energy Fundamentals</b>		1.1 Basic Power Engineering (3h) <b>Fr 18.05</b>
		1.2 Control & Measuring Technologies (3h) <b>Fr 18.05</b>
<b>II. Energy Economics</b>		2.1 Energy Market (3h) <b>Th 24.05</b>
		2.2 Energy Efficiency Economics (6h) <b>Fr 25.05</b>
<b>III. Energy Management</b>	3.1 Energy Management Systems (6h) <b>Fr 15.06</b>	3.2 Energy Data Management (3h) <b>Th 21.06</b>
		3.5 Internal Audits (3h) <b>Th 21.06</b>
		3.3 Load Management (3h) <b>Fr 22.06</b>
		3.4 Change and Project Management (3h) <b>Fr 22.06</b>
<b>IV. Efficient Buildings</b>		4. Energy Efficiency in Buildings and Lighting (7h) <b>Th 19.07</b>
		4. Energy Efficiency in Buildings and Lighting (7h) <b>Fr 20.07</b>
<b>V. HVAC and Cooling</b>		5. Heating, Ventilation, AC and Cooling (7h) <b>Th 16.08</b>
		5. Heating, Ventilation, AC and Cooling (7h) <b>Fr 17.08</b>
<b>VI. Electrical Applications</b>	6.3 Green ICT (3h) <b>Th 13.09</b>	6.1 Electric Drives and Motor Efficiency (6h) <b>Fr 14.09</b>
		6.2 Efficiency of Compressed Air Systems (6h) <b>Fr 21.09</b>
<b>VII. Energy and Heat Technology</b>	7.1 Cogeneration (6h) <b>Th 18.10</b>	7.2 Process Heat (6h) <b>Fr 19.10</b>
		7.3 Bioenergy: Biomass and Biogas (6h) <b>Fr 12.10</b>
<b>VIII. Solar Energy Technologies</b>		8.1 Photovoltaic and Solar Hybrid Systems (6h) <b>Th 08.11</b>
		8.2 Solar Heating, Cooling and Process Heat (6h) <b>Fr 09.11</b>