

NTEC Module N02: Nuclear Fuel Cycle

	09:00-09:50	09:50-10:40		11:05-11:55	11:55-12:45		13:30-14:20	14:20-15:10		15:35-16:25	16:25-17:00
Monday 16 th October	Introduction/ Overview of the Nuclear Fuel Cycle AJR	Politics of Nuclear Power MD	<i>Break</i>	Politics of Nuclear Power MD	Introduction to Non- Proliferation MD	<i>Lunch break</i>	Uranium Supply and Demand MD	Nuclear Fuel Cycle Chemistry HE	<i>Break</i>	Nuclear Fuel Cycle Chemistry HE	Exercise introduction AJR/HE (1600-1700)
	KM012			KM012			KM012			KM012	KM012
Tuesday 17 th October	Uranium Mining AJR		<i>Break</i>	Uranium Milling, Purification and Conversion HE	Uranium Enrichment HE	<i>Lunch break</i>	Nuclear Fuel Manufacture HE	Nuclear Fuel Manufacture HE	<i>Break</i>	Nuclear Fuel Reprocessing HE	
	KM012			KM012			VB120a			VB120a	
Wednesday 18 th October	Advanced Reprocessing HE		<i>Break</i>	Spent Fuel Management HE		<i>Lunch break</i>	Exercise preparation HE + SK (PC lab requested)		<i>Break</i>	Exercise presentations and feedback HE + SK	
	KM012			KM012			KM012			KM012	
Thursday 19 th October	Radioactive Waste Management HE		<i>Break</i>	Radioactive Waste Management HE	<i>Lunch break (11.30-12.00)</i>	Site visit to Urenco AJR Coach departing Maudland Road at 12.00hrs (N.B. remember your ID)					
	KM012			KM012							
Friday 20 th October	Thorium fuel cycle PS		<i>Break</i>	Nuclear Accidents PS		<i>Lunch break</i>	Course Review & Module Assignment AJR	AJR: Alison Robinson, ajrobinson@uclan.ac.uk MD: Dr Mel Draper, guest lecturer HE: Professor Harry Eccles, heccles@uclan.ac.uk PS: Dr Peter Storey, pstorey1@uclan.ac.uk SK: Dr Sandeep Kadam, skadam1@uclan.ac.uk			
	KM012			KM012			ME317				