

**NTEC Module N01 – Reactor Physics, Design & Criticality**  
**28<sup>th</sup> November to 2<sup>th</sup> December 2016**

Time	Monday	Tuesday	Wednesday	Thursday	Friday
09.00 to 10.00		Neutron Transport DF Gisbert Kapp N334	Neutron Transport DF Gisbert Kapp N334	Reactor Kinetics PN Gisbert Kapp N334	Reactor Physics PN Gisbert Kapp N334
	9:30 Welcome to the University Gisbert Kapp N334				
10.00 to 11.00	Reactor Systems KH Gisbert Kapp N334	Reactor Systems KH Gisbert Kapp N334	Reactor Kinetics PN Gisbert Kapp N334	Monte Carlo Theory DA Gisbert Kapp N334	Reactor Physics PN Gisbert Kapp N334
11.00 to 12.00	Reactor Systems KH Gisbert Kapp N334	Reactor Systems KH Gisbert Kapp N334	Reactor Kinetics PN Gisbert Kapp N334	Monte Carlo Theory DA Gisbert Kapp N334	Reactor Accidents DF Gisbert Kapp N334
Noon to 13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00 to 14.00	Reactor Physics DF Gisbert Kapp N334	Pre-course Tutorial PN Gisbert Kapp N334	Neutron Transport DF Gisbert Kapp N334	MCNP Workshop DA Learning Centre UG08	Reactor Accidents DF Gisbert Kapp N334
14.00 to 15.00	Neutron Transport DF Gisbert Kapp N334	Reactor Systems KH Gisbert Kapp N334	Reactor Kinetics PN Gisbert Kapp N334	MCNP Workshop DA Learning Centre UG08	Reactor Accidents DF Gisbert Kapp N334
	Break	Break	Break	Break	
15.00 to 16.00	Neutron Transport DF Gisbert Kapp N334	Reactor Kinetics PN Gisbert Kapp N334	Reactor Physics PN Gisbert Kapp N334	MCNP Workshop DA Learning Centre UG08	
16.00 to 17.00	Reactor Systems KH Gisbert Kapp N334	Reactor Kinetics PN Gisbert Kapp N334	Problem Solving PN Gisbert Kapp N334	MCNP Workshop DA Learning Centre UG08	

**Notes to Students**

Unless otherwise stated all lectures start on the hour and finish at 10 minutes to the next hour.

**Lecturers**

Neutron Transport	5 hrs	Dr David Forest
Reactor Kinetics	5 hrs	Dr Paul Norman
Reactor Physics	5 hrs	Dr David Forest/Dr Paul Norman
Reactor Systems & Design (Graphite reactors)	1.5 hrs	Prof Kevin Hesketh
Reactor Systems & Design (Fast reactors)	1 hr	Prof Kevin Hesketh
Reactor Systems & Design (Water-based systems)	3.5 hrs	Prof Kevin Hesketh
Reactor Accidents	3 hrs	Dr David Forest
Monte Carlo Theory	2 hrs	Dr Dennis Allen
Monte Carlo Laboratory	4 hrs	Dr Dennis Allen
Tutorials	2 hrs	Dr Paul Norman

**Venues**

Monday	28 Nov:	Gisbert Kapp N334 (Building G8)
Tuesday	29 Nov:	Gisbert Kapp N334 (Building G8)
Wednesday	30 Nov:	Gisbert Kapp N334 (Building G8)
Thursday	1 Dec:	Gisbert Kapp N334 (Building G8); Learning Centre UG08 (Building R28) 13 – 17
Friday	2 Dec:	Gisbert Kapp N334 (Building G8)

**During the Module**

If you require any assistance during the week please contact Dr Paul Norman (module co-ordinator) or Carolyn Fox (the module administrator), [c.fox@bham.ac.uk](mailto:c.fox@bham.ac.uk), Tel 0121 415 8750, who will both be on hand to help as required.