

## Surface engineering and coatings design - short course

	<b>Monday</b> (Make)	<b>Tuesday</b> (Make)	<b>Wednesday</b> (verify/test)	<b>Thursday</b> (design)	<b>Friday</b> (design)
09:00-09:50	Introduction				
09:55-10:45	PVD	Nitriding	Analytical	Tribology	Coatings sustainability
10:50-11:20	Break	Break	Break	Break	Break
11:20-12:10	EBPVD	Thermal Spray (S Bomford)	Analytical	High temperature oxidation	Coatings product design
12:15-13:05	CVD		Optical testing methods		Engineering systems design
13:05-14:05	Lunch	Lunch	Lunch	Lunch	Lunch
14:10-15:00	Wet chemical processes	Case study (TBCs)	Mechanical testing methods	High temperature corrosion	
15:05-15:55			Coatings performance		
16:00-16:30	Break	Break	Break	Break	Break
16:25-17:40	Case study (Tribomet)	Lab tour	Erosion (TBC performance)		