

Pre-University TASTER

6 August – 9 August 2018

SUBJECT: Engineering
Dr Jamie Barras
Room 2.40



	Mon 6 August	Tues 7 August	Weds 8 August	Thurs 9 August
Registration	9:15: Welcome Talk and Registration	9:45: Registration in Class		
Morning session	10:00-12:15: Academic Session: Introduction to the module, schedule and teaching approach (JB)	10:00 – 11:00: Academic session: The Stuff of History & Materials from a Sustainable Development Goals (SDG) Context (YD) 11:15-12:15: Academic Session: Introduction to the Lego education system, simple and powered machines and re-usable energy kit (JB)	10:00 – 11:00: Academic session: Introduction to the Project Challenge: Education through Play – designing and building a renewable energy game (JB) 11:15-12:15: Academic Session: Daily Challenge Project Sprint I: brainstorming (YD)	10:00 – 11:00: Academic session: A Guide to Project Management (JB) 11:15-12:15: Academic Session: Daily Challenge Project Sprint III (TA)
Lunchtime	12:15–13:15 Lunch break	12:15–13:15 Lunch break 12:15-13:15 Admissions Talk (OPTIONAL) (FWB B5)	12:15–13:15 Lunch break	12:15–13:15 Lunch break
Afternoon session	13:15-14:15: Academic Session: Introduction to Project Based Learning (PBL) (YD) 14:15-15:30: Academic Session: Daily Challenge – team-building and Design-from-Nature Task (YD) 16:00-17:00: Enrolment (FWB 2.84)	13:15-15:30: Academic Session: Daily Challenge: build and test the solar powered and hand-powered stations (YD) 15:30-17:00: Faculty Talk (OPTIONAL)	13:15-15:30: Academic Session: Daily Challenge Project Sprint II (TA) 15:30-17:00: Personal Statement Workshop (OPTIONAL)	13:15-15:30: Academic Session: Daily Challenge Project Sprint IV, project presentations and wrap up (JB/YD/TA) 15:30-17:00: Closing Ceremony

This timetable is subject to change.