

EA Vacation Workshops

Dates: 21 – 23 Jul 2020

Time: 9 am – 5 pm

Venue: T1443

Training Schedule

S/N	Date/Time	Topic	Staff	Remarks
D1	210900 – 211030	Introduction Install Fusion 360 Fusion 360 User Interface Sketching with Fusion 360 Dimensions	SC MN Tristan	
	211030 – 211045	Tea break		
	211045 – 211215	Fusion 360 Constraints From 2D to 3D: Extrusions From 2D to 3D: Revolve		
	211215 - 211300	Lunch break		
	211300 – 211430	From 2D to 3D: Loft Modify commands		
	211430 – 211445	Tea break		
	211445 - 211700	Bodies & Components Assemblies & Joints Direct Modelling Workshop Project Briefing		
D2	220900 – 221030	Introduction to 3D Printing Preparing model for 3D Printing	LG (lead) WC Tristan	
	221030 – 221045	Tea break	Raynard	
	221045 – 221215	3D Printing Demo & Practice		
	221215 - 221300	Lunch break		
	221300 – 221430	Introduction to Laser Cutting Generating laser cutter profile from Fusion 360	WC (lead) LG Tristan	
	221430 – 221445	Tea break	Raynard	
	221445 – 221700	Laser Cutting Demo & Practice		
D3	230900 – 231030	Workshop Project (Planning) Workshop Project (Design)	SC MN Raynard	

231030 – 231045 Tea break

231045 – 231215 Workshop Project (Design & Fabrication)

231215 - 231300 Lunch break

231300 – 231430 Workshop Project (Fabrication & Assembly)

Documentation: 1-page Poster

Tea break at own time

231500 – 231700 Project Presentation

D4 240900 – 241600 Spare

Project

Project must include the following:

- 2D & 3D Design
- 3D printed component
- Laser cut component

Project must be based on one (or more) of the following themes:

- sustainability
- healthcare
- assistive technology