

Term	Week	Topic
<b>1</b>	1	Design and Technology Upper Sec Overview Practical and safety lessons/revisions Sketching
	2	Working Knowledge on Plastics Sketching
	3	Working knowledge on Wood Sketching
	4	Working knowledge on Metal Sketching
	5	Sketching <b>WA1</b>
	6 - 10	Practical Project 1 on stationary holder using the 3 different materials

Term	Week	Topic
<b>2</b>	1 - 2	Technology: Electronics Project 2 – Night light (design journal) Design: Planning and Monitoring
	3 - 4	Technology: Electronics Project 2 – Night light (design journal) Design: Design Brief, Design Specifications & Ideation Techniques
	5 – 8	Technology: Electronics Project 2 – Night light (design journal, mock-up) Design: Mock-ups & Testing and evaluation of ideas
	9 – 10	Project 3 – Lathe and screw threading (prototyping)

Term	Week	Topic
<b>3</b>	1 – 2	Technology: Mechanisms Project 4 – Design journal on a theme “Containing” Design: Needs Analysis
	3 – 4	Technology: Mechanisms Project 4 – Design journal on a theme “Containing” Design: Research & Presentation of data
	5 – 6	Technology: Mechanisms Project 4 – Design journal on a theme “Containing” Design: Use of ergonomics and anthropometric data
	7 – 8	Technology: Mechanisms Project 4 – Design journal on a theme “Containing” Design: Prototyping
	9 – 10	Communication Drawing: 1) Isometric drawing 2) Orthographic projection 3) Exploded views 4) Presentation drawing 5) Working drawings <b>6) Material list</b>

Term	Week	Topic
<b>4</b>	1 – 2	Revision for End-of-Year Examination
	3 – 4	End-of-Year Examination - <b>EYE</b>
	5	Analysis and correction for End-of-Year Examination paper and Design Project
	6 – 7	Academic Booster Programme (TBC)

**Note: scheme of work provided does not include non-weighted assignments which would be assigned to students periodically to assess their learning and progress for the subject**