

| Term | Week | Topic |
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| 1 | 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 WA1 |
| | 6 - 10 | Practical Project 1 on “Disaster Box” using the 3 different materials |

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| 2 | 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) |

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| 3 | 1 – 2 | Technology: Mechanisms Project 4 – Design journal on a theme “Hold&Grip” Design: Needs Analysis Practical Project: Continuation of vacuum forming |
| | 3 – 4 | Technology: Mechanisms Project 4 – Design journal on a theme “Hold&Grip” Design: Research & Presentation of data Practical Project: Lathe project |
| | 5 – 6 | Technology: Mechanisms Project 4 – Design journal on a theme “Hold&Grip” Design: Use of ergonomics and anthropometric data |
| | 7 – 8 | Technology: Mechanisms Project 4 – Design journal on a theme “Hold&Grip” Design: Mock-up |
| | 9 – 10 | Communication Drawing: 1) Isometric drawing 2) Orthographic projection 3) Exploded views 4) Presentation drawing 5) Working drawings 6) Material list |

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| 4 | 1 – 2 | Revision for End-of-Year Examination |
| | 3 – 4 | End-of-Year Examination - EYE |
| | 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