



**COMMONWEALTH SECONDARY SCHOOL  
DEPARTMENT OF DESIGN & TECHNOLOGY  
SECONDARY FIVE NORMAL ACADEMIC  
COURSE OUTLINE 2018**

**SCHEDULE FOR INSTRUCTION**

Term/Week	Topic	Resources
T1/W2	OVERALL VIEW OF 'N' LEVEL COURSEWORK AND EXPECTATION  RE-CAPPED OF WORKSHOP SAFETY RULES AND REGULATION  HOUSE KEEPING MATTERS & ADMINISTRATIVE MATTERS	Slides
T1/W3	DISSEMINATION OF CAMBRIDGE QUESTION PAPER (COURSEWORK) TO STUDENTS  DISCUSSION OF THEME	Dissemination of 'N' level coursework question papers
T1/4-6	ANALYSIS OF THEME	Slides
T1/W7-9	SITUATION ANALYSIS, RESEARCH (DATA COLLECTION) AND FORMATION OF DESIGN BRIEF AND SPECS	Folio
T1/W10	SUBMISSION OF DESIGN JOURNAL CHECKING	Folio
T2/W1	EXPLORATION OF IDEAS	Folio
T2/W2-3	IDEA CONCEPTUALIZATION AND DETAILED DEVELOPMENT	Folio
T2/W4-5	PRODUCTION PLANNING (PREPARATION OF MATERIAL LIST)  REVISION OF MID YEAR EXAMINATION	Practice papers
T2/W6-7	COMMENCEMENT OF MID YEAR EXAMINATION	Practice papers
T2/W8-10	PROTOTYPING OF DESIGN IDEA  PRODUCTION OF ACTUAL ARTEFACT	Cardboard and/or foam  Acrylic and/or wood
1 <sup>st</sup> week of June holidays	FABRICATION OF DESIGN ARTEFACT	Acrylic and/or wood

Term/Week	Topic	Resources
T3/W1	COMPLETION OF DESIGN ARTEFACT	
T3/W2-4	PRESENTATION DRAWING ORTHOGRAPHIC PROJECTION DRAWING EXPLODED VIEWS  REVISION OF PRELIMINARY EXAMINATION	Autodesk Inventor
T3/W5-6	MAKING OF PRESENTATION BOARDS  FINALISING OF DESIGN FOLIO (COVER PAGE, CONTENT PAGE ETC..)	Presentation Boards Design folio

T3/W7-8	COMMENCEMENT OF PRELIMINARY EXAMINATION	Practice papers
T3/W9-10	FINALISING AND SUBMISSION OF COURSEWORK	Folio Presentation Boards Artefact

**TEACHERS:**

Classes	Name of Teacher	Email
S5-2	Heng Swee Kee	heng.sweekee@commonwealthsec.moe.edu.sg

**REFERENCES****Basic text:**

Design for Life

**Other references:**

- Revision guide

**ASSESSMENT****(i) Components of Assessment**

<b>CA1 (100%)</b>	<b>SA1 (100%)</b>	<b>CA2 (100%)</b>	<b>SA2 (100%)</b>
Class work Base mark: 40	Common Test TBC	Mid-Year Examination Base mark: 70	Preliminary Examination Base mark: 70
100%	TBC	100%	100%

**(ii) Details of Assessment****Continual Assessment (CA)**

<b>S/N</b>	<b>Assessment Component</b>	<b>Term/Week</b>	<b>Format</b>
1	Class work	Term 2 Week 8 (tentative)	Duration: Continual assessment
2	Mid-Year Examination	Term 2/Week 6	Part A: Design process (Answer <b>all questions</b> )_ <b>40 marks</b> Part B: Technologies (Answer <b>all questions</b> )_ <b>60 marks</b>
3	Common Test	TBC	TBC
4	Preliminary Examination	Term 3 Week 8/9	Part A: Design process (Answer <b>all questions</b> )_ <b>40 marks</b> Part B: Technologies (Answer <b>all questions</b> )_ <b>60 marks</b>