

Course activity table:

WEEK	SHOP ACTIVITY (RM 1025)	DELIVERABLES	COMPUTER LAB ACTIVITY (RM 1004)	DELIVERABLES	SEMINARS (RM1002)
1	Reverse Engineering - team creation - disassembly Attendance Mandatory	Reverse Engineering - team data due	3-D Modelling Basic Skills -1 Attendance Mandatory		No seminar
2	Reverse Engineering - component distribution	- team components set	3-D Modelling Basic Skills -2	Basic skills -1, mastery check	Seminar sections determined Attendance Mandatory
3	Reverse Engineering - materials & manufacturing		3-D Modelling,	Basic skills -2, mastery check	Presentation without aids coaching
4	Design & Build Project - team creation	Design & Build Project - team data due	3-D Modelling & 2-D drawings		Individual presentations (without aids)
5	Design & Build Project - brainstorming		3-D Modelling components & assemblies	Basic skills - 2-D drawings, mastery check	Individual presentations (without aids)
6	Design & Build Project - brainstorming		3-D Modelling - Animations	Reverse Engineering - component drawings due	Individual presentations (without aids)
7	Design & Build Project - design	Design & Build Project - concept sketches due		Reverse Engineering - component and assemblies due	Presentation with aids coaching
8	Design & Build Project - design & build	Early bird 3-D printer access	Design & Build Project - coaching for 3-D Animations		Individual presentations (with aids)
9	Design & Build Project - build		Excel coaching	Design & Build Project - preliminary animation check	Individual presentations (with aids)
10	Design & Build Project - build		Presentation coaching		Individual presentations (with aids)
11	Design & Build Project - build		Design & Build Project - final report preparation - presentation coaching	Design & Build Project - preliminary presentation check - final report – preliminary check	
12		Design & Build Project - group presentations		Design & Build Project - final report – final submission	