

## EP1000 Digital Fabrication Marking Scheme

Weigh tage	Code	Description	Breakdown	
20%	CA1	Safety, Documentation Website	100	
		Safety (Passed)	20	20% Pass, 0 Failed or not taken
		Github Enabled	20	15-20% Uses git, explains operation 10-15% Uses git, no operation 5-10% Not used, edits directly 0-5% Little to no documentation
		Navigation & structure	20	15-20% Full navigation structure 10-15% Has structure, limited sections 0-10% No structure, flat file
		Documentation	20	15-20% Fully populated, good reading 10-15% Fairly informative, has all sections filled
		Stylesheet or Markdown	20	10-15% Fully implemented, neat lots of images, informative 0-10% Poor attempt, lacks effort
		Late (Marked on 1 <sup>st</sup> week of Term 2)	-20	Deduct 20% if site was not up by 1 <sup>st</sup> week Term 2
40%	CA2	Digital Fabrication Skills	100	
		CAD	20	+5% Documentation +5% Assignment done, documented +5% Vector Example +5% Raster Example
		3D Printing (Chess Piece)	20	+5% Documentation +5% Assignment done, documented +5% 3D printed, hero shot +5% .f3d file included
		2D Laser cutting (Box with Lid)	20	+5% Documentation +5% Assignment done, documented +5% 3D printed, hero shot with lid +5% .f3d file included
		Uno switch with LEDs	20	+5% Documentation +10% SW & 3 LED Assignment done +5% .ino file included
		Uno input device (any one)	10	+5% Documentation +10% at least 1 input device other than switch +5% .ino file included
		Uno output device (any one)	10	+5% Documentation +10% at least 1 output device other than LED +5% .ino file included

## Marking Scheme

40%	CA3	Final Project	100	
		Laser cut part	5	+3% Laser cut part included +2% .f3d file included
		3D Printed part	5	+3% 3D print part included +2% .f3d file included
		Computer Controlled program	5	+3% Computer control included +2% .ino file included
		Input device	5	+3% At least 1 input device included +2% .ino file included
		Output device	5	+3% At least 1 output device included +2% .ino file included
		Integration	20	+10% full integration of components +5% Working model +5% Relevance of parts (not just aesthetics)
		Presentation slide	10	+5% Fully explanatory +5% Formatted & named correctly on website
		Video of product	10	+5% Video created, added as link +5% Relevance of video
		Presentation of project	15	5-10% Clear, concise oral presentation 0-5% Late, not informative
		Documentation	20	15-20% Fully documented, a how-to 10-15% Documented 5-10% Poorly done, not informative 0-5% No, poor attempt
		Late (Marked on last week of Term 2)	-20	Deduct 20% if a. Project documentation not up by Exam week b. Student is absent from assigned presentation