

# EP1000

## Assessment 2021

# Assessment Scheme

Sno	Code	Description	Weightage
1	CA1	Safety, Documentation Site	20%
2	CA2	Digital Fabrication Skills	40%
3	CA3	Summative Project	40%

# CA1 Safety, Documentation Site

SNo	Description	Weightage
1	Fablab Safety (Pass)	20%
2	Documentation Site	
	• Uses HTML & CSS	20%
	• Implementation git/github/pages	20%
	• Content	
	• Site Navigation	10%
	• Main (Introduction) Page	10%
	• About author page	10%
	• Weekly blog (at least 2 entries)	10%

Note: Each content is marked based on relevant material and clarity. Only a very small percentage is awarded to aesthetics.

# CA2 Digital Fabrication Skills

SNo	Description	Weightage
1	3D Printing <ul style="list-style-type: none"> <li>• Documentation &amp; 3D Model of Chess piece (30%)</li> <li>• 3D Printed Model (30%)</li> <li>• Passed 3D Printing Assessment (40%)</li> </ul>	40%
2	Computer Controlled Cutting <ul style="list-style-type: none"> <li>• Documentation of workflow of box (30%)</li> <li>• Laser cut finished product (30%)</li> <li>• Passed Laser cutting Assessment (40%)</li> </ul>	40%
3	Embedded Systems <ul style="list-style-type: none"> <li>• Completed TinkerCAD Astable 555 assignment with documentation (60%)</li> <li>• Practical breadboarding of assignment (40%)</li> </ul>	20%

Note: Each component must be supported by relevant site documentation

# CA3 Summative Project

SNo	Description	Weightage
1	3D Printing	15%
2	Computer Controlled Cutting	15%
3	Embedded Systems (with Input/Output)	15%
4	Integration	20%
5	Presentation	15%
6	Documentation	15%
7	Innovation, Expertise, Work done	10%
	Total	<b>105</b>

Note: You can score a maximum of 100 marks out of 105. The 5 marks are bonus marks which may be gained in any section

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### End