

Learning Module	Prerequisites	Online Content Hours	Tutorial Hours (Self-directed in the Makerspace)	DIY Project Hours	Total Hours
CAD	NA	4	2	0	6.0
Laser Cutting*	Blue Permit	2	2	3	7.0
3D Printing	Blue Permit	5	3	2	10.0
Intro to Electronics	Blue Permit	2	5	0	7.0
Microcontrollers, Sensors & Motors	Intro to Electronics	2	2	3	7.0
PCB	Intro to Electronics	2	3	4	9.0
3D Scanning	Blue Permit	2	2	3	7.0
Thermoforming	Red Permit	2	2	3	7.0
Water Jetting	Red Permit	2	2	3	7.0
CNC Router	Red Permit	3	4	3	10.0
Vinyl Cutter	Blue Permit	0.5	0.5	1	2.0
Textiles	Blue Permit	2	5	2	9.0
Soldering	Blue Permit	1	0	0	1.0

*Requires the laser upgrade for tutorials and DIY project.