

#	Section	Recommended Tools & Components	Covers (Courses)
1	<b>Basic Setup</b>	Computer with good graphics card, CAD software (Fusion 360/SolidWorks/Onshape), Mouse with scroll wheel	Intro to CAD & Sketching (Courses 1–2)
2	<b>Modeling Essentials</b>	Digital calipers, sample mechanical parts for measurement, cloud storage for files	3D Part & Assembly Modeling (Courses 3–4)
3	<b>Prototyping Tools</b>	3D printer or access to one, filament (PLA/ABS), small tools (cutters, sandpaper)	Product Prototyping (Courses 5–6)
4	<b>Simulation &amp; Visualization</b>	Built-in simulation add-ons, stress analysis tools, rendering plug-ins, photo box for models	Simulation & Rendering (Courses 7–8)
5	<b>Capstone/Advanced</b>	Team collaboration platform (GitHub/GrabCAD), BOM spreadsheet template, drawing templates, presentation software	Full CAD Project & Documentation (Courses 9–10)