

#	Project Title	Covers (Courses)	Focus
1	Basic 3D Shapes & Assembly	Courses 1–2	Draw and combine simple parts to learn sketching & constraints.
2	Mechanical Part Modeling	Courses 3–4	Model gears, brackets or housings with precise dimensions.
3	Product Prototype Design	Courses 5–6	Create a complete product model (phone stand, drone arm, etc.) with assemblies.
4	Simulation & Rendering	Courses 7–8	Apply materials, run stress tests, render realistic visuals.
5	Capstone: Full CAD Project	Courses 9–10	Design, assemble and document a full device with drawings & BOM.