

ADM 210 : Design for Manufacturing

This course focuses on the fundamentals of designing for different manufacturing processes with an emphasis on material selection, manufacturing considerations, designing for assembly, quality, and life cycle engineering. The lectures are augmented with laboratory exercises highlighting tolerancing, assembly, and manufacturability, and include an industry related project where students design a product, generate a prototype, and obtain feedback concerning feasibility and manufacturability. Student should have previous experience with an Engineering 3d Modeling software.

Credits 3

Theory Credit

1

Experimental Laboratory Credit

4

Prerequisites

C or better in ADM 108