In the name of God



Airplane Design

K.N.Toosi University of Technology, Aerospace Department



hello!

Hamed Alisadeghi



<u>Alisadeghi@kntu.ac.ir</u> Tel: +98-73064237 Wp.kntu.ac.ir/Alisadeghi cv.kntu.ac.ir/HamedAlisadeghi



01 Design Book

Project Specification, Statistical, Mission Specification

Design Book

Weight Sensitivity Analysis 02 Design Book

Weight Sizing

Design Book

Wing Area & Propulsion Thrust Sizing

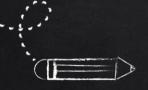




Fuselage Layout & Sizing



Engine Installation & Characteristic



Design Book

Wing Layout & Sizing



High Lift Devices Selection and Sizing

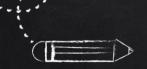




Empennage Sizing



Landing Gear Deployment & Sizing



Design Book

Weight & Balance Analysis 12 Design Book

Configuration Finalization