



TEAM OR STUDENT _____

DESIGN PORTFOLIO CHECKLIST

(Insert as Index in your portfolio)

Page	Describe context and the problem
Page	Describe criteria for success
Page	Sketches of three possible solutions for the grabber
Page	Materials list for the device including consideration of alternatives
Page	Description of the principles of structural strength and stability
Page	Rationales for type of fluid power used and syringe placement
Page	Isometric drawing of the grabber of the proposed device
Page	Orthographic drawing of structural components of the grabber
Page	Responses to “tie-breaker” questions