



TEAM \_\_\_\_\_

## PORTFOLIO CHECKLIST

*(Insert as Index in your portfolio)*

- |      |   |
|------|---|
| Page | Describe context and restate the problem  |
| Page | List team members and their responsibilities  |
| Page | At least three sketches of initial design concepts for the device   |
| Page | Materials list for the device   |
| Page | Description of the principles of structural strength and stability  |
| Page | Rationales for type of fluid power used and syringe placement   |
| Page | Orthographic drawing of structural components of the device (preferably with dimensions and construction notes) |
| Page | Isometric drawing of at least a portion of the device   |
| Page | Possible alternative materials  |
| Page | Evaluation of prototype including conclusions from making it  |