

ENGR 121 Parts Return

Instructor/Section: _____

DEADLINE: Day before final exam

Completely disassemble your fishtank system; all barbed fittings unscrewed, and as much liquid removed as possible. You will return the parts and this form to the Project Based Learning Office (BOGH 222). Please make sure your group returns the correct number of parts. You will write the **number** of missing parts in the cell "MISSING" below.

PART	RETURNED	MISSING
Solenoid Valves (2) – shake out as much liquid as you can!		
3-way Valve (1)		
Relays (3)		
Heaters (1) – Straighten Leads		
Straight Barbed Fittings - 3/16" Tube ID (12)		
Straight Barbed Fittings – 1/4" Tube ID (1)		
90° Barbed Fittings – 1/4" Tube ID (1)		
Tee Barbed Fitting – 1/4" Tube ID (1)		
Brass Hex Nipple -1/8" NPT (1)		
3" PVC Makeup Tanks (2)		
Steel Corner Bracket		
LCD Screen and Cable (ensure this works properly!)		
12-volt Power Supply		
Switch		
Switch Plate		
Switch Box		
Terminal Block		
PVC tubing (single long segment used for overflow)		

Do not return the following:

- *Wooden platform or screws to build platform*
- *HDPE rod used to make conductivity sensor*
- *Crimp connectors, zip ties and screws*
- *Wire*
- *PVC tubing (other than the single long segment used for the overflow)*

Keep your wire for next quarter!! Approximately 15' of wire has been distributed to each group this quarter, and this wire should be reused for ENGR 122 projects.

Student name: _____

CWID: ____ - ____ - ____

Student name: _____

CWID: ____ - ____ - ____

Student name: _____

CWID: ____ - ____ - ____

Student name: _____

CWID: ____ - ____ - ____

Student name: _____

CWID: ____ - ____ - ____

ALL members of your group MUST sign this form; not all members need be present for turning in to PBL Office.

BELOW TO BE FILLED OUT BY PBL STAFF ONLY

DATE OF RETURN: _____

NOTES: _____
