

COMPETITION DAY - 4 August 2017

FACULTY OF ENGINEERING AND THE BUILT ENVIRONMENT

CONFIRMATION FORM

School: _____

Teacher: _____

Teacher Cell number and Email: _____

Indicate which competitions you are participate in. We prefer you send a team to participate in **every** competition. Due to time constrains and fairness only **ONE** team per school per competition will be allowed.

Please return this form not later than **9 June 2017**:

Fax (012) 382 4108, Email: JanseVanRensburgZ@tut.ac.za

	Competition	Number of team members	Indicate participation
1.	Design and build a rolling hut (Architecture) - prepare in advance.	4	
2.	Site planning and lay-out (Building Sciences) - execute on the day.	3	
3.	Prepare and construct a 3D design model of the plant operation (Chemical Engineering), - prepare in advance.	5	
4.	Design and build a water filtration medium (Civil Engineering) - prepare in advance.	3	
5.	Design and build a universal alarm system with components received - to be delivered (Electrical Engineering) - prepare in advance.	3	
6.	Design a water balloon protector (3D-Design/Industrial Design) - execute on the day.	3	
7.	Assemble a Jica truck (Industrial Engineering) - execute on the day.	1	
8.	Design and build a hovercraft (Mechanical Engineering) - prepare in advance.	2	
9.	Prepare and design a particle classification hydro Cyclone. (Metallurgical Engineering) - prepare in advance.	3	
10.	Map your neighborhood (Geomatics/Surveying) - prepare in advance.	2	
11.	Design and build a recycled plastic chair (Polymer Technology) - prepare in advance.	3	

