



Robotic Design Process, Place to Start Rev Questions

Instructions:

Review Unit 3, Activity 2 on the website for support and answers to the following questions with specific detailed answers. 1 mark for full description detailed answer and ½ mark for short points:

Questions:

1. Name and explain a simple 5 step design process model?

- a. _____
- b. _____
- c. _____
- d. _____
- e. _____
- f. _____

2. Engineers need to not only know about the design process and how to apply it but also need what other two key areas to greatly support it?

- a. _____
- b. _____

3. For robotic design in general, what are 4 technical areas or field groupings that an engineer should be familiar with to support creating a design effectively?

- a. _____
- b. _____
- c. _____
- d. _____

4. What are 5 questions that you could consider when coming up with a robotic design for a FRC Robot?

- a. _____
- b. _____
- c. _____
- d. _____
- e. _____

5. Starting from scratch, keeping in mind a FRC Robot as an example, what would be 3 sketch idea directions you could put on paper to direct and share your ideas?

- a. _____
- _____
- _____



Mark
Breakdown
Column

Q#	A
1	6
2	2
3	4
4	5
5	3
T=	20