Unit 4 - WEEK 02 - Design Practice

Assignment 2

Due: 2019-01-01, 11:59 PM

Assignment 2 - Design Practice

Description:

Three phases of design:

1. Conceptual design
2. Detailed design
3. Manufacturing design

Steps:

1. Brainstorming phase
2. Detailed design phase
3. Manufacturing design phase

Steps of Detailed Design:

1. Analysis of information from the conceptual design
2. Production of drawings
3. Preparation of specifications
4. Preparation of the bill of materials

Steps of Manufacturing Design:

1. Preparation of the process plan
2. Preparation of the tooling drawings
3. Preparation of the process plan
4. Preparation of the bill of materials

Using the current technology in product design

Using the current terminology in product manufacturing

Various engineering applications in the product development process

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