

Name: _____

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Intro to Engineering & Design EOC Study Guide

Unit 1 – Design Process – 19%

1. How might we create the best possible solution to a problem?
Engineers try to think “outside the box” in order to solve new problems or find ways to improve current solutions.
2. What is the most effective way to generate potential solutions to a problem? How many alternate solutions should you generate?
Brainstorming with a group, research and testing possible solutions
3. What is an engineer? What types of work do engineers do? Engineering is the application of mathematics and scientific principles to better or improve life. An engineer is a person who is trained in and uses technological and scientific knowledge to solve practical problems. Research, Develop, Design, Supervise, Manage, Production and Construction, Operations, Plant management, and Sales.
4. Why Keep an Engineering Notebook? An engineering notebook is recognized as a legal document that is used in patent activities to...
 - a. Prove the origin of an idea that led to a solution
 - b. Prove when events or ideas occurred
 - c. Prove diligence in turning the idea into a solution
 - d. Prove when an idea became a working solution (“reduced to practice”)
5. What are the 4 best Practices for the Engineering Notebook?
 - a. Be Neat,
 - b. be Accurate,
 - c. be Legible,
 - d. be Thorough.
6. Explain the concept of proportion. Paying close attention to the underlying basic shapes and the relative proportions of various features of the object will allow you to more accurately reflect the true shapes and proportions of the object in your sketch.

Eoc Study Guide Honors Intro To Engineering

David Kirk



Eoc Study Guide Honors Intro To Engineering:

Whispering the Strategies of Language: An Mental Journey through **Eoc Study Guide Honors Intro To Engineering**

In a digitally-driven world wherever monitors reign supreme and quick communication drowns out the subtleties of language, the profound strategies and mental subtleties hidden within words frequently go unheard. However, located within the pages of **Eoc Study Guide Honors Intro To Engineering** a captivating literary prize blinking with raw feelings, lies an exceptional quest waiting to be undertaken. Published by a skilled wordsmith, this enchanting opus encourages readers on an introspective journey, delicately unraveling the veiled truths and profound affect resonating within ab muscles material of each and every word. Within the mental depths of the touching evaluation, we can embark upon a sincere exploration of the book is primary styles, dissect its captivating writing style, and fail to the strong resonance it evokes serious within the recesses of readers hearts.

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