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**1. How would you define 'engineering science' / What is 'engineering science'**

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The science of creating laws for- and insights in phenomena, that are useful in engineering

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It is a program that emphasizes enhanced understanding and integrated application of engineering, scientific, physics and mathematical principles.

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Engineering science is a subject which can help another science to find the solution

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A branch of knowledge that looks for an explanation for the different phenomena in nature. This explanation is made through modeling describing how stuff work or behave.

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Using fundamental sciences (laws of nature) and mathematical modeling to explain certain phenomena in nature and apply these phenomena to create products.

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The science that studies engineering. e.g. methods, theory, frameworks of engineering using scientific methodologies. (analysis, models etc)

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Applying and deriving theory to and from the physical world

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The finding of new technologies for all kinds of purposes.

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A way of gaining usable knowledge to understand the world better.

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The science of how to solve technical things.

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Science focused on technical applications

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Engineering science is the utilization of scientific knowledge in order to design and develop a system which serves for the enhancement of human life. It is often, but not necessarily, a multidisciplinary endeavor.

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For me engineering science means applying engineering methods (like modelling) based on

scientific knowledge.

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**Principles of engineering methods!**

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The science used in engineering fields (modelling the physical world)

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