

Chemical Engineering Concepts

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Chemical engineering emerged upon the so called "unit operations" development of chemical transformations and physical changes (crystallizations, separations, evaporations, polymerizations, filtrations, isomerization, etc.).

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What is Chemical Engineering? Chemical engineering is a branch of engineering in which the principles of chemistry, applied mathematics, biochemistry, microbiology, economics, and applied physics to efficiently use and transform chemicals, matter, and energy. These are just some of the basics of chemical engineering.

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Chemical engineering is one of so many different branched of engineering which applies physical sciences (such as chemistry and physics), life sciences (biochemistry and microbiology), economics and applied mathematics to transform, produce, transport and use chemicals, materials, and energy in a proper way.

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