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Instructions for file “EQUIPMENT COSTS” accompanying Plant Design and Economics for Chemical Engineers, 5th edition, Peters, Timmerhaus, and West . 1. The opening sheet of the file EQUIPMENT COSTS is called CALCULATION PAGE. The column at the left lists equipment types alphabetically.

~~Equipment Costs for Plant Design and Economics for ...~~

It is smart to benchmark a new plant design against an existing plant or pilot plant. Raw materials are typically the largest contributor to overall variable costs. For bulk chemicals and petrochemicals, raw materials represent 80-90% of the total cash cost of production (CCOP).



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~~Estimation of production cost and revenue—process design~~

Chemical engineering is a branch of engineering which deals with the study of design and operation of chemical plants and methods of improving production. Chemical engineers develop economical commercial processes to convert raw material into useful products. Chemical engineering uses principles of chemistry, physics, mathematics, biology, and economics to efficiently use, produce, design ...

~~Chemical engineering—Wikipedia~~

By Prof. Debasis Sarkar | IIT Kharagpur. This course covers two important aspects of Chemical Engineering: (a) the strategies used in the design of chemical processes, and (b) the basic economic analysis of a chemical plant. The objective of the course is to

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