

King Fahd University of Petroleum & Minerals
Chemical Engineering Departments

List of CX Programs Offered by Chemical Engineering Department

1- CX program of **Hydrogen Mobility**

First term	Second term
CHE 444 (Fuel Cells, Batteries and Supercapacitors)	CHE 404 (Hydrogen Production and Storage)
EE 458 (Hydrogen and Electricity Infrastructures)	ME 432 (Internal Combustion Engines)

2- CX program of **Process Safety**

First term	Second term
CE 476 (Industrial Hazardous Waste Management and Treatment)	ME 461 (Risk Management Tools in Systems Design and Operation)
CHE 458 (Process Safety Engineering)	ISE 486 (Industrial Safety)

3- CX program of **Renewable Energy and Energy Storage**

First term	Second term
ECON 475 (Introduction to Energy Markets, Policies, and Regulations)	CHE 424 (Fundamentals of Renewable Energy Processes)
CHE 444 (Fuel Cells, Batteries and Supercapacitors)	ME 439 (Solar Energy Conversion)

4- CX program of **Non-Metallic Materials**

First term	Second term
CHE 463 (Polymer Technology)	CHEM 457 (Polymer Characterization and Analysis)
ME 476 (Non-Metallic Materials)	CHE 484 (Polymer Composites and Applications)

5- CX program of **Refining & Petrochemicals**

First term	Second term
CHE 461 (Petroleum Refining)	CHE 464 (Refining and Petrochemical Economics)
CHEM 463 (Industrial Catalysis)	CHE 462 (Petrochemical Industries)