

PCT 142: Industrial Processes

This course provides a familiarization with the general types of processes found in the paper and chemical industries, including distillation, fractionation, absorption, extraction, stripping, washing, screening, cleaning, filtration, drying, evaporation, centrifugation, product blending, and mixing. Topics include generic industrial processes, especially distillation, utilizing computer-based training and simulation to conduct realistic training in control room operations. Upon completion, students should be able to understand and appreciate the skills, efforts, communication, and especially the teamwork necessary to operate a successful industrial process.

Credits: 3

Lab Hours: 2

Lecture Hours: 2

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