

## **0403354 Sanitary Engineering**

This course is an introduction to the theories, principles, and design of water treatment processes. Topics include pipe system networks, valves and pumps, elevated and ground water tanks, aeration, coagulation and flocculation, mixing and sedimentation basins, chemistry of lime-soda processes, filtration, chlorination and other disinfection processes, taste and odor control, ion-exchange softening, and water quality control in distribution systems.