

EMET 405 Aqueous and Elevated Temperature Processing Lab

1 Cr. (Hrs.:3 Lab)

Experiments are performed in pyrometallurgy, hydrometallurgy and electrometallurgy. Labs include acid leaching of oxide ores, autoclaving of sulfide ores, diagnostic leaching, solvent extraction (loading and stripping), resin adsorption (loading and stripping), electrowinning, cementation, roasting, and smelting. Safety procedures are emphasized. **Corequisite:** EMET 401 and EMAT 402. (1st)