

Department of Industrial Chemistry

Faculty of Science

IC (209)427 Metallurgical Chemistry Laboratory

1(0/0-1/3)

Abbreviation METALL CHEM LAB

Prerequisite Concurrent to IC 423

This course is opened for MAJOR ELECTIVE COURSE

Course Description

Ore roasting, pyrometallurgy, hydrometallurgy and electrometallurgy of selected metals, metal casting, metallic coating, other surface modifications, metallization on other materials, and microanalysis.

Objective

Student will be experienced with practical works involving chemical processes in metallurgy.

Laboratory Topics

Laboratory Hours

1. Ore roasting	6
2. Pyrometallurgy of selected metals	6
3. Hydrometallurgy and electrometallurgy of selected metals	6
4. Metal casting	6
5. Metallic coating	6
6. Other surface modifications	6
7. Metallization on other materials	3
8. Microanalysis	6

Total	45
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