

Department of Industrial Chemistry

Faculty of Science

CHE (258)308

Unit Operations of Chemical Engineering Laboratory I

1(0/0-1/3)

Abbreviation

UNIT OP CHEM ENG LAB I

Prerequisite

Concurrent to CHE 302

Course Description

Size screening and distribution, size reduction, filtration, humidification, drying, particle size analysis, sedimentation, and cyclone separation.

Objective

Students will be experienced with experiments involving unit operations of some industrial equipment studied in CHE 302.

Course Content

Laboratory Hours

1. Size screening and distribution
2. Size reduction
3. Filtration
4. Agitation
5. Humidification
6. Drying
7. Particle size analysis
8. Sedimentation
9. Cyclone separation

3
3
3
6
6
6
6
6
6

Total 45
