

CHE (258)407 **Unit Operations of Chemical Engineering Laboratory II****1(0/0-1/3)****Abbreviation** UNIT OP LAB II**Prerequisite** **CHE 301 and concurrent to CHE 403****Course Description**

Crystallization, gas absorption, plate distillation, packed distillation, liquid-liquid extraction, solid-liquid extraction, heat transfer, evaporation, fluid flow, liquid fluidization and gas fluidization.

Objective

Students will be experienced with experiments involving unit operations of some industrial equipment studied in CHE 301 and 403.

Course Content**Laboratory Hours**

1. Crystallization	3
2. Gas absorption	3
3. Plate distillation	6
4. Packed distillation	3
5. Liquid-liquid extraction	3
6. Solid-liquid extraction	6
7. Heat transfer I	3
8. Heat transfer II	3
9. Evaporation	3
10. Fluid flow I	3
11. Fluid flow II	3
12. Liquid fluidization	3
13. Gas fluidization	3
Total	45