

IC (209)416 Glass and Enamel

3(2/2-1/3)

Abbreviation -

Prerequisite IC 211

This course is opened for MAJOR ELECTIVE COURSE

Course Description

Introduction to science and technology of glass and enamel products, nature and structure of glass, characteristics and properties of glass, glass making and glass industry, enamel, and enamel production.

Objectives

1. Students will be able to understand principles of science and technology of glass and enamel.
2. Students will be experienced with experiments of glass and enamel making.

Course Content

1. Introduction to science and technology of glass and enamel products
2. Nature and structure of glass
3. Characteristics and properties of glass
4. Glass making and glass industry
5. Enamel
6. Enamel production

Lecture Hours

3
3
6
6
6
6

Total 30

Laboratory Topics

1. Nature and structure of glass
2. Characterization and property determination of glass
3. Glass making
4. Characterization and property determination of enamel
5. Enamel production

Laboratory hours

6
12
9
9
9

Total 45
