

IC (209)212 **Constructional and Technical Ceramics**

3(2/2-1/3)

Abbreviation CONSTRUCT TECH CERAMIC

Prerequisite IC 211

This course is opened for MAJOR ELECTIVE COURSE

Course Description

Introduction to constructional ceramics, brick production and industry, tile production and industry, sanitary ware manufacturing and industry and technical ceramics.

Objectives

1. Students will be able to understand principles of constructional and technical ceramics.
2. Students will be experienced with practical works involving constructional and technical ceramics.

Course Content**Lecture Hours**

1. Introduction to constructional ceramics	3
2. Brick production and industry	6
3. Tile production and industry	6
4. Sanitary ware manufacturing and industry	6
5. Technical ceramics	9
Total	30

Laboratory Topics**Laboratory Hours**

1. Raw materials treatment and body preparation technique	6
2. Brick production and industry	9
3. Tile production and industry	9
4. Sanitary ware manufacturing and industry	9
5. Technical ceramics	12
Total	45