

ARE 231 L : Building Materials and Construction Technology Lab

This course provides an understanding of the basic properties of construction materials and presents current field and laboratory standards and testing requirements for these materials such as Normal Consistency & Setting Time of Cement Past; Fresh and hardened properties of Mortar; Sieve Analysis of Aggregate; Specific Gravity of Aggregate; Unit Weight of Aggregate; Fresh and Mechanical Properties of Concrete; Mechanical Properties of Steel; Tests on wood.

Credits 1

Lab Hours 2

Lecture Hours 0

Tutoring Hours 0

Prerequisites

[ME 201](#)

Corequisites

[ARE 231](#).