

MME 403: Metallurgical & Materials Laboratories II

The practical experiments will be centered on heat treatment and effects of heat treatment on the microstructure of low carbon steels, mechanical properties determination involving the use of tensile testing, hardness testing, impact testing, fatigue testing, etc; moulding of pattern requiring core, comparative studies on the corrosion behaviour of carbon steels in different environments; equipment, control and safety in general welding and cutting; surface treatment (Electroplating).