

AR-104

CODE	SUBJECT	CREDITS
AR-104	BUILDING MATERIALS-I	02
FOCUS		
	Introduction to basic building materials	
CONTENT		
	Materials: Mud, Bricks, Stone, timber, lime, cement. Different types of timber, their seasoning quality etc. Their physical and behavioral properties, methods of application, criteria for selection of materials based on design.	
METHODOLOGY		
	Theory in the class with given assignments and practice questions, sketching And drawing, in class - interactions, case studies & final exam and final submission of class works.	
REFERENCES:		
	Engineering Materials – <i>S.C. Rangwala</i> (course book) Building Materials – <i>B.C. Punamia</i> (Additional Reference) Time Savers Standards – Building Materials and Systems – <i>Donald Watson</i> (Advanced Reference)	