



Weeks 1-2	Site investigation and methods. Bearing capacity of soil and filed test. Excavation and supporting
Weeks 3-4	Types of Foundation, excavation . Reinforcing and concrete casting , <b>dry of site</b>
Weeks 5-6	Pile foundation , sheet piles and capping
Weeks 7-8	Masonry stone work , stone building underground and above
Weeks 9-10	Brick and block , British and filmish arrangements



Weeks11-12	Thermal insulation material, types and specification and component
Week 13-14	Concrete Forms , Timber forms , bracing for roofs and columns
Week 15-16	Scaffolding types , components
Week 17-18	Colum classification and shape of failures
Weeks19-20	Beams types steel and timber , pre – cast , pre stress
Weeks21-22	Damp proofing material , application and treatment of roof , basement ,wall
Week 23-24	Floor and Finishing
Week 25-26	Inner wall finishing by Gypsum, paints...etc External wall finishing materials : cement , stone , painting .
Weeks27-28	Doors and Windows and upstairs
Weeks29-30	Type of maintenance , type of failure in building and treatment failures of building