

GUJARAT TECHNOLOGICAL UNIVERSITY

M.E. (CIVIL) – (Branch-49)-Construction Management

Year – I (Semester – II) (W.E.F. January 2013)

1724902: - Construction Safety Management

Sr. No.	Course Content
1	Introduction Causes of accidents , construction safety, Human factors ,cost of construction, Assessment of occupational and Safety hazard and Legal implications, Safety in construction contracts, Safety record keeping
2	Safety Programmes Effective Safety Programme, Issues, Safety incentives , On site safety assessment
3	Safety Design Development of safety awareness and culture ,-Safety view at various stages of construction project personnel including supervisors and managers ,Practices at top Management level Project co-ordination , Safety procedures , Sub contractual obligation, Workers Compensation

Tutorials:-

1. Assignment work is based on above subject contents.

References:

1. Jimmy W.Hinze, “ Construction Safety “, Prentice Hall Inc., 1997.
2. Richard J. Coble , Jimmie Hinze and Theo C. Haupt, “ Construction Safety and Health Management “,Prentice Hall Inc., 2001.
3. Factory Act.