

GUJARAT TECHNOLOGICAL UNIVERSITY

Diploma in Transportation Engineering

Semester: 3

Subject Code

Subject Name SURVEYING - 1

Sr. No.	Course content
1.	Introduction and scales
2.	Chain & tape survey
3.	Compass survey
4.	Leveling and Contouring
5.	Plane table survey
6.	Introduction to theodolite, types, its uses, least count, settings, permanent and temporary adjustments methods, errors, error resolving

REFERENCE BOOKS :

1. Plane and Geodetic survey (Vol. I) David Clark
2. Surveying and levelling (Vol. I) T.P.Kanetkar & S.V.Kulkarni
3. Surveying (Vol. I) Dr. B.C.Punmia
4. Surveying and levelling Hussain & Nagrani
5. Surveying C.L.Kochher

