

GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH NAME: B. Arch.

SUBJECT NAME: Technical Representation of Drawing (TRD) – I

SUBJECT CODE: 2X15002

1st Year: Semester: I

Prerequisite:

It is a beginner course. There is no prerequisite for this course.

Rationale:

To develop an understanding of technical drawing as a tool for communication

Teaching and Assessment Scheme:

Teaching Scheme			Credits C	Examination Marks				Total Marks	University Exam Type
Field work	Lectures	Studio		External exam		Internal exam			
			(ESE)Theory	(ESE) Viva	(PA)Theory	(PA)Viva			
1	1	4	06	40	NA	60	NA	100	DRAWING EXAM

Content:

Sr. No.	Content	Total Hours*	% Weightage*
1	Introduction & Use of Drawing Instruments Line Exercise Lettering	24	25%
2	Orthographic Projections: Points, Lines, Planes, Solids Orthographic Projections: Inclined Objects	48	50%
3	Auxiliary Projections	24	25%

*: indicative

Reference Books:

- Engineering Drawing - N. D. Bhatt
- Essentials of Drafting - B. James
- Rendering with pen and ink - Gill Robert
- Architectural Graphics - Frank Ching, latest edition

List of Projects/Assignments*:

Drafting Exercises, Model making, Presentations

*- this is suggestive for common purpose.

