

DRAWING AND DESCRIPTIVE GEOMETRY.

Drawing I—Drawing instruments and how to use them. Drawing of geometrical figures. Construction and use of scales. Working drawings, lettering, dimensioning and tracing. Freehand sketching.

Text Book : Spooner—Engineering Workshop Drawing.

Drawing II—Sketching of parts of machines and preparation of complete working drawings from sketches. Lettering and blue printing.

Drawing III—Freehand drawing adapted more especially to the needs of students of the first year in Architecture. Drawing from casts. Classical ornament from the round.

Architectural Drawing. — Classical Architecture in line with projection of shadows.

Architectural Design. — Simple problems in monumental composition not involving complex planning.

Descriptive Geometry. — Projection of lines, planes and solids. Problems on the line and plane, plane figures, solids and surfaces, development of surfaces. Plane sections, tangents to surfaces, intersection of surfaces, shades and shadows.

Text Book : Tracy-North — Descriptive Geometry.