

CE-102	Civil Engineering Drawing	1.0	2.0
	<p>Introduction: Handling instruments and their uses, Lettering and numbering and heading. Plane Geometry: Pentagon, Hexagon, Octagon, Ellipse, Parabola, and Hyperbola. Projection (Solid geometry): Cube, Triangle, Prism, Pentagonal prism, Hexagonal prism, Cone, Cylinder. Development of different types of section: Cube, Triangle, Prism, Pentagonal prism, Hexagonal prism, Cone, Cylinder. Isometric Drawing: Cube, Triangle, Prism, Pentagonal prism, Hexagonal prism, Cone, Cylinder, Interpretation of Solids. Laws and regulations by different authorities like CDA, RAJUK, RAAUK, KDA etc. Architectural requirements, Architectural records, Architectural approaches of drawings; B.N.B.C. requirements (Part-3, Chap-1). Preliminary planning of one-unit housing, Plans, Elevations and Sections of multistoried buildings, Drawing of different types of stairs, Reinforcement details of beams, slabs, stairs etc. Plan and Section of septic tanks. Preliminary studies about planning of multistoried apartments. Skyscrapers, Auditorium, Educational Institutions, Hospital, etc., Building services (plumbing, sanitary, electrical) drawings, Auto-CAD drawing and design.</p>		