Course Title: Engineering Drawing II
Course Code: EDRG 102
Credit Hours: 3

Course Description:
This course is intended to provide students with an exposure in professional engineering drawing practice.

Course Contents:

Unit 1: Isometric Projection
Introduction; Isometric projection of different objects; Orthographic projection

Unit 2: Production Drawing
Nominal and basic size; Allowance, Tolerance, Limits of size, Clearance fit, Interference fit, Basic hole system, and Shaft System.

Unit 3: Screw Threads
Representation and Dimensions

Unit 4: Fasteners
Types and drawing representation of keys, Cutter, Joints, Springs, Bearings, Bolt, and Nut; Rivet and Riveted Joints- types and representation; Section of solids; Intersection of solids; Development of Surfaces.

References:
1. W. J. Luzadder, *Fundamental of Engineering Drawing*, Prentice Hall
2. T. L. French, *Engineering Drawing and Graphic Technology*, Mc Graw Hill
3. K. R. Gopal Krishna, *Engineering Drawing Volume 1&2*, Subash Publications
4. N. D. Bhatt, *Engineering Drawing*, Charotar Publishing House