

Course No.	Course Title	Credits	Pre-requisite	Learning Type
0706241	Circuits (1)	3	0402102	Face-to-face
<p>Basic Components and Electric circuits; direct current sources including dependent and independent sources; ohms law; Kirchhoff's voltage and current laws; circuit analysis techniques including nodal and mesh Analysis; superposition; parallel, series, delta, and star connections equivalency; source transformation; Thevenin and Norton equivalence; capacitors and inductors; RL and RC circuits analysis (natural and forced responses); RLC circuit analysis (natural and forced responses).</p>				