

| Course No. | Course Title | Credites | Pre-requisite | Learning Type |
|---|-----------------------|----------|---|---------------------|
| 0706231 | Thermodynamics | 3 | 0402104, 0706212 0706271 | Face-to-face |
| <p>Thermodynamics concepts and definitions, states, properties, system, control volume, processes, cycles, and units, pure substance, equation of state, table of properties, work and heat, the first law, internal energy and enthalpy, conservation of mass, steady and unsteady state flow processes, the second law, heat engines and refrigerators, reversible processes, Carnot cycle, entropy, Clausius inequality, principle of increase entropy, efficiencies</p> | | | | |