

Course Number	Course	Credit hours	Prerequisite
0300121	General Physics 1	3	--

Physics and Measurement; Motion in One Dimension; Motion in Two Dimension, Newton's Law of Motion and friction; Circular Motion and other Applications of Newton's Law, Work, Energy and Power system, potential energy and conservation of energy, Momentum and Collisions; Rotational Motion (Angular position Velocity, and Acceleration), Torque, Moments of Inertia, Rotational kinetic energy.