**Course Name: Robotics**

**Course Code: MTE 404**

**Course Description**

Graduate subject on the analysis, design and control of robot manipulators. Geometry, kinematics, statics and dynamics of manipulators. Sensors and actuators, arm design. Position and trajectory control, compliant motion control. Robustness and adaptation in robot control, modelling performance trade-offs.

**Credit Hours: 4 (3+2+0)**

**Prerequisite: MET304**