Diploma in Mechanical Engineering (Each 1.5 Credits) (30 Pt)

Maths 101 Engineering Mathematics

ME 101 Applied Mathematics

ME 102 Engineering Thermodynamics

ME 103 Engineering Mechanics

ME 104 Machine Principle

ME 105 Electrical Principle

ME 106 Electrical Circuits

ME 107 Heat Transfer

ME 108 Principle of Engines

ME 201Introduction to Fluid Mechanics

ME 202 Introduction to Aero Dynamics

ME 203 Control Engineering

ME 204 Engineering Fluid Mechanics

ME 205 Manufacturing Processes-and-Materials

ME 206 Introduction to Turbo Machinery

ME 207 Chemical Thermodynamics

ME 208 Hydrocarbons

ME 209 Introduction-to-polymer-science-and-technology

ME 234 Wind Turbines

Mgt 501 Basic Management

Study sequence

From top to down

Advanced Diploma in Mechanical Engineering (Each 1.5 Credits) (30 Pt)

Mathematics

Maths 403 Engineering-Mathematics

Maths 301 Introductory Finite Difference Methods-for-pdes

Maths 302 Elementary-Linear-Algebra

Maths 303 Introductory Finite Volume Methods-for-pdes

Maths 501 Linear Algebra-c-1

Study sequence

From top to down

Mechanical Engineering

ME 301 Fluid Dynamics

ME 302 Automation-and-Robotics

ME 303 Computer Aided Design and Manufacturing

ME 304 Introduction to Nonlinearity-in-control-systems

ME 305 Corrosion Prevention

ME 306 Theory-of-waves-in-materials

ME 334 Airconditioning and Refrigeration

ME 434 Mechtronics-Robotics

ME 534 Numerical Control Part 1

ME 634 Pneumatics

EE 617 Building Electrical and Mechanical System Part 1

EE 624 Process Control

Mgt 503 Production & Operation Management

Mgt 505 Quality Management and Manufacturing Engineering

Study sequence

From top to down