

# **DIPLOMA OF AUTOMOTIVE ENGINEERING**

## **PART (1) RELATED BASIC KNOWLEDGE ( 13 pt) (Each 1 pt)**

Maths 101+302+403 (EE201) Engineering Mathematics  
Maths 301+501+303 (EE302) Advanced Engineering Mathematics  
ME103 Engineering Mechanics(EE204 Engineering Physics)  
Mgt 501 Basic Management (EE309 Project Management)  
EE101 DC Circuit Problems  
EE102 Basic Electrical Fitting & Wiring  
EE103 Basic Electrical Drafting  
EE104 Electrical Equipments Safety Protection  
EE111 Electromagnetism & Basic Electrical Machines  
EE112 Alternating Current Principle  
EE113 Electrical Fundamental  
EE208 Operational Amplifiers  
EE209 Analogue Electronics

## **PART (2) BASIC MECHANICAL ( 6 pt) (Each 2 pt)**

ME108 Principle of Engine  
ME 101 Applied Mathematics+ ME 103 Engineering Mechanics  
ME 102 Engineering Thermodynamics

## **PART (3) SPECIALIZED AUTOMOTIVE ENGINEERING ( 10 pt) (Each 2 pt)**

AE 101 Auto Diesel+ Auto Electrics  
AE 102 Auto General Engine+ Fuel System+ Transmission  
AE 103 Engine Assembly +Electrical +Electronics  
AE 104 Brake & Steering System  
AE 105 Automotive Mechanic

