

SYNOPSIS AND JOB PROSPECT

SYNOPSIS

Diploma In Mechanical Engineering at Polytechnic's Ministry of Education Malaysia is designed to cover the current wide discipline of mechanical engineering with added specialization subjects in the field of mechanical engineering. Core courses offered include Engineering Mechanics, Electrical Technology, Engineering Drawing, Mechanical Workshop Practice, Workshop Technology, Computer Aided Design, Thermodynamics, Engineering Laboratory, Fluid Mechanics, Strength Of Materials, Pneumatic & Hydraulics, Project, Maintenance Management, Material Technology, Mechanic Of Machines, Engineering Design and Mechanical Components & Maintenance. The elective courses are Industrial Automation, CAD/CAM, Quality Control, Industrial Management and Instrumentation & Control.

Common core courses included in the programme are Engineering Mathematics, Computer Application, Engineering Science, Occupational Health & Safety and Entrepreneurship. Compulsory courses offered include English for Professional Communication, Islamic Or Moral Studies (TITAS), Co-Curriculum and Soft Skill would provide students with interpersonal ability, attitude and professionalism towards their career.

JOB PROSPECT

This programme provides the knowledge and skills in mechanical engineering field that can be applied to a broad range of careers in mechanical engineering. The knowledge and skills that the students acquire from the programme will enable them to participate in the job market as:

- Technical Assistant
- Assistant Service Manager
- Service Advisor
- Supervisor
- Assistant Engineer
- Junior Engineer
- Technical Instructor or Lecturer
- Technical Sales Executive

