

DIPLOMA IN ENGINEERING TECHNOLOGY (TOOL & DIE TECHNOLOGY)

JPT/BPP(K) 1000-600/B293JLD3(24)(R/521/4/0109)(A 5004) 10/2020

PROGRAMME BRIEF

Tool and Die Technologist is among the most highly skilled personnel in manufacturing and are knowledgeable in producing Computer-Aided Drawings (CAD), programming via CAM software for CNC machining operations, and blueprint reading. Tool and Die Technologists plan and execute the entire sequence of tool and die construction from design to final machined product in which the parts they make enable machines to produce a variety of products use in of different industries.

The tool and die technologist will perform the high-precision hand fitting, positioning, aligning and assembly techniques involved in the production of stamping dies and therefore they need a mechanical aptitude, the ability to understand and analyze the operation of machinery, attention to detail since the work involves intricate manipulation of tools and instruments.

This program will appeal to those who are attracted to modern manufacturing technologies, and enjoy working with machines. Students will learn additional skills required to adapt to the evolving technology besides the capacity to solve practical problems and making decisions.

CORE STUDY AREAS

- Tool and Die Theory, Design & Analysis
- Production Management
- Analytical skills & Team Works
- Tool and Die Maintenance & Trouble Shooting

JOB OPPORTUNITIES

- Tooling Designer
- Tool Maker
- Product Designer
- CNC Programmer

“ Design & fabrication work processes require well-equipped stamping & press machineries. At GMI we have specific learning & training facilitator for students to explore their talents. ”