Elective Modules

Training Company
On completion of the module, students should be able to apply the skills and knowledge in carrying out a company project.

Equipment Diagnostics
On completion of the module, students should be able to apply the skills and knowledge to troubleshoot hardware and software faults of machine/equipment at system level.

Lean Manufacturing
On completion of the module, students should be able to apply the applications of various quality assurance systems such as Kanban, Kaizen, Total Quality Management, Six Sigma and others in managing and controlling quality in manufacturing.

Robotics
On completion of the module, students should be able to apply the skills and knowledge to operate, program, troubleshoot and maintain an industrial robotic system used in a manufacturing plant.

German Language
On completion of the module, students should be able to apply the basic language proficiency to speak and understand conversational German so as to facilitate interaction with German-speaking people.