

Course overview

As mid-level manager, engineering diploma graduates are responsible for proper and most efficient interaction of 6 M'S: man, machine, material, money, method (SOP or process) and market with a focus that will depend on their position in the organization (production, planning, quality, maintenance, design, etc.). They first need to understand the type of management and organization they work in. As they work directly or indirectly with manufacturing, therefore they need to have knowledge, skills and attitudes on production, planning, productivity improvement, new systems such as lean manufacturing and understand how production integrates in the overall supply chain management. They deal with people either as a supervisor, assistant manager or by leading transversal projects, they should know their role concerning human resources management and development. In their daily work, they must use a suitable leadership style, assign and monitor work, solve problems, support motivation to change of their teams when they implement new methods and systems.

After undergoing the subject, students will be able to:

- State the roles and responsibilities of a mid-level manager within the organization
- Differentiate various management systems and organizations
- Describe the manufacturing process ensuring productivity, quality, cost and safety
- State the types of production planning
- Explain productivity improvement factors while controlling cost
- Describe new trends of production management systems
- Identify mid-level manager roles in the human resources management and development
- Select the suitable leadership style depending on the situations and people
- Identify the steps of work assignment based on goals to achieve while supporting changes
- Describe the steps of problem solving and decision making.