

## POSTGRADUATE DIPLOMA IN LEAN ENGINEER

### TRAINING REQUIREMENTS AND LEARNING OUTCOMES

**Course name:**

Postgraduate Diploma in Lean Engineer

**Qualification:**

Lean Engineer

**Application requirements:** bachelor's degree or college degree in: Mechanical Engineering, Computer Science Engineering, Mechatronics Engineering, Business Management, Architecture, Civil Engineering, Electrical Engineering, Chemical Engineering, Bioengineering, Environmental Engineering.

**Duration:** 2 semesters

**Objective:**

The fundamental goal of the course is to train lean professionals who are able to integrate the principles and methods of lean management into the company's strategy and operational practices. Students will acquire the professional skills needed for effective and efficient lean transformation, which will help them to continuously improve the company's operational and business performance increasing competitiveness in a rapidly changing business environment. Graduates will be able to design and operate lean production and service systems, develop lean corporate structure, apply lean methods and techniques, and integrate continuous improvement into corporate culture.

Main subjects:

Management Knowledge  
Quality Management  
Quality Improvement Tools  
Lean Management Methods  
Production and Operation Management  
Organizational Theory and Behavior  
Process Management  
Performance Measurement and Business Evaluation  
Maintenance Management  
Measurement and Qualification

Completion of studies:

writing a thesis,  
final exam