

**Certificate in**

# Lean & OpEx (Yellow Belt)

**New course  
additions -  
Digital  
Transformation  
and AI**



The 'Lean and Operational Excellence (Lean OpEx) Yellow Belt' certificate course is aimed those who wish to develop a strong foundation in the principles and in the application of Lean and the Operational Excellence tools. Obtaining your Yellow Belt will enhance your qualifications as this certification is in great demand by employers.

## Course Title

Certificate in Lean & OpEx (Yellow Belt)

## Credits

5

## NFQ Level

7

## Campus

Sligo

## Duration

14 weeks

## Delivery

Online



## Course Overview

Start Date: September & January each year

Duration: 1 Semester (14 weeks)

Delivery Method: Online (no campus attendance needed)

Assessment: 100% Online – includes Continuous Assessment & Final Online Exam

Hours study: Lectures: 1 hr per week Self-study: 3 – 5 hrs per week

## Course Content

Topics will include:

- Principles of Lean and Operational Excellence
- The culture of continuous improvement.
- Identifying the 7 wastes in your process
- Standard Work
- Gemba walks
- Problem Solving
- JIT Production Levelling / Kanban
- Agile, Scrum & Kanban Project Management
- Kaizen
- Lean Metrics and Key Performance Indicators (KPIs)
- Value Stream Mapping™
- 5S and Visual Management
- Overall Equipment Efficiency (OEE)
- SMED (Quick Changeover Techniques)
- Poka-Yoke (Error Proofing)
- Digital Transformation & AI

## Interested?

You can find further information on this programme on our website at

<https://www.atu.ie/courses/certificate-lean-yellow-belt>