

# COURSE DETAIL

## OPERATIONS ANALYSIS AND PROCESS IMPROVEMENTS

**Country**

Mexico

**Host Institution**

National Autonomous University of Mexico

**Program(s)**

National Autonomous University of Mexico

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Engineering

**UCEAP Course Number**

119

**UCEAP Course Suffix****UCEAP Official Title**

OPERATIONS ANALYSIS AND PROCESS IMPROVEMENTS

**UCEAP Transcript Title**

PROCESS IMPROVEMENT

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

This course prepares students for a certification in Lean Six Sigma. Topics focus on analytical techniques for the improvement of manufacturing performance along the dimensions of productivity, quality, customer service, process capacity, cost and throughput. It also covers techniques for yield analysis, process control, equipment efficiency analysis, cycle time reduction, on-time delivery improvement and pareto analysis. Students may receive a Lean Six Sigma - Yellow Belt certification accredited by the International Association for Six Sigma Certification if they pass the qualifying exam.

## Language(s) of Instruction

Spanish

## Host Institution Course Number

2919

## Host Institution Course Title

OPERATIONS ANALYSIS AND PROCESS IMPROVEMENTS

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Facultad de Ingeniería

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