

**"Your pathway to
Industry Expert"**



EXECUTIVE DEGREE IN INDUSTRIAL ENGINEERING *

Register now!

July Intake



"Challenges and problems are the fuels for success"

EXECUTIVE DEGREE IN INDUSTRIAL ENGINEERING

This Executive Degree program is specially designed to nurture industry experts at all aspects by equipping them with professional understanding on operation, production and quality control. We also provide you with precious exposure to high-end technologies such as Data-based decision making. Through the highly practical and hands-on learning opportunities, we guarantee you to have the core competencies in all aspects of Industrial Engineering, includes:



Operation Management



Ergonomics & Safety



Quality Engineering



Work Study & Facility Planning



Production Planning
& Control



Design of Experiment (DoE)

Executive Degree In Industrial Engineering

Module 1 - Operation Management

- Value Chain
- Operation Strategy
- Goods and Service Design
- Process Selection, Design, and Analysis

Module 2 - Production Planning & Control

- Manufacturing Planning and Control
- Sales and Operations Planning
- Master Production Scheduling (MPS)
- Distribution Requirement Planning (DPR)

Module 3 - Quality Engineering

- Statistics Quality Analysis
- Data Based Decision Making
- Problem Solving Techniques
- Process FMEA

Module 4 - Ergonomics & Safety

- Occupational Safety and Workplace Violence
- Five Safety Standards and OSHA Five Standards
- Ergonomics Consideration
- Hazard Analysis, Prevention and Safety Management


Module 5 - Work Study and Facility Planning

- Layout Planning Models and Algorithms
- Warehouse Layout/ Manufacturing Systems
- Break Even Analysis
- Facilities System and Project Management

Module 6 - Design of Experiment

- DOE Terminology
- Two Factors Factorial Design
- Three Factors Full Factorial Design
- Fractional Factorial Design





An Executive Degree Program designed by Industry Experts who have over 20 years of experience in various industries



Program delivered by qualified Industry Experts who have extensive hands-on experience in various industries.



Fully Online Learning with flexible lectures and tutorials conducted during weekends and weekdays outside working hours



70% Assignment + 30% Practical Test assessment.
A certificate will be awarded for every completed module + Executive Degree for fully completed course



Short course duration - only 6 months to complete and obtain your Executive Degree

Entry Requirement

Applicants must be 21 years old and above in the year of the application being made and possess working experience in the industry

For more information, please call or whatsapp us at 012-492 1811

CQI Academy Sdn Bhd



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