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CIE

CERTIFIED INDUSTRIAL ENGINEERING

ADVANCE IN YOUR MANUFACTURING CAREER WITH CERTIFIED INDUSTRIAL ENGINEER

CIE certificate is your step towards gaining comprehensive and professional insights into industrial operations.

INTERNATIONAL RECOGNITION

Add a real competitive advantage to your career by obtaining CIE certificate with the international accreditation from Missouri State University.

Inspire to Learn

Certified Industrial Engineering is your one of a kind qualification that gives you the opportunity to take the next step in your manufacturing field. You will acquire the knowledge and experience necessary to improve your efficiency in managing industrial processes, and to gain a deeper understanding of the basic elements of operations management, quality management, project management, and supply chain management, thus improving your ability to identify, formulate and solve problems of industrial processes, and takes your career to another level.



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IBDL

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COMPONENTS OF YOUR LEARNING JOURNEY:

Part 1**Operations Management**

- Introduction to Operations Management
- Competitiveness
- Forecasting
- Strategic Capacity Planning for Products and Services
- Process Selection and Facility Layout
- Aggregate Planning and Master Scheduling
- MRP and ERP
- Inventory Management

Part 2**Supply Chain Management**

- Understanding the supply chain
- Achieving strategic fit in the supply chain
- Supply chain drivers and metrics
- Designing distribution networks and applications to Omni-Channel retailing
- Network Design in the Supply Chain
- Logistics 4.0 and Future of Supply Chains

Part 3**Project Management**

- What is a project?
- Creating the Project Charter
- Developing the Project Scope Statement
- Creating the Project Schedule
- Developing the Project Budget
- Risk Planning

Part 4**Quality Management**

- Total Quality Management
- Six Sigma Principles
- Lean Manufacturing

During your learning journey, you will obtain:

- 90 days access to IBDL's e-Learning course
- CIE book
- Online practice test
- IBDL official examination (3 attempts)
- The international certificate from Missouri State University upon passing the test

