

**Certified Industrial Engineers Exam Coverage
Professional Industrial Engineering Courses**

Areas to be examined
Work Standards
Statistical Process Control Systems
Production Planning and Materials Control Systems
Manufacturing and Service Facilities
Operations Research Models for Production and Operations
Information Systems

Reference: BSIE new curriculum (draft) on professional courses

Core Courses
Advanced Mathematics for Industrial Engineering
Industrial Materials and Processes
Advanced Statistics
Methods Study
Operations Research
Industrial Quality Control
Project Feasibility
Ergonomics
Production Systems
Facilities Planning and Design
Information Systems
Systems Engineering