

OFFICE AND LABORATORY FACILITY

IED, CEAT, Pili Drive,
University of the Philippines Los Baños

COMPETENCE

Industrial Engineering Department (IED) is a unit of the College of Engineering and Agro-Industrial Technology (CEAT) of the University of the Philippines Los Baños (UPLB), a center of excellence in higher learning and constituent of the UP System.

With the commitment to pursue excellence, MSEP is constituted with consultants who are experts in production systems, management engineering and operations research and is equipped with computer workstations licensed with up-to-date AUTOCAD, Pro Model, Pro Planner, and POM Software Systems.

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MANAGEMENT SYSTEMS ENGINEERING PROGRAM

INDUSTRIAL ENGINEERING DEPARTMENT
College of Engineering and Agro-Industrial Technology
UNIVERSITY OF THE PHILIPPINES LOS BAÑOS

ENGINEERING YOUR WAY TO SUCCESS

With the relentless cost competition, government pressures, changing consumer expectations, increasing market complexity and faster technological change, one must have strategic plan to achieve desired success.

MISSION

MSEP aims to play a major role in meeting the public and private organizations' needs in developing and implementing the management systems needed to provide for the timely delivery of high-quality, cost-effective output.



MSEP

SERVICES

Decision Support

Feasibility Study and Business Plan Development
Management Information Systems
Modeling and Simulation(Static and Dynamic)
Project Management

Process Analysis and Design, Operations Management

Assembly Line Balancing
Business Process Modeling and Design
Facilities Planning and Layout Analysis
Logistics Analysis
Organizational Measurement Systems
Statistical Methods
Supply Chain Management

Quality Management

ISO 9000 Preparation
PQA Criteria Assessment
Statistical Quality Control
TQM Implementation

Cost Management

Activity-based Costing
Engineering Economic Analysis
Life-cycle Costing
Parametric Cost Modeling

TRAINING PROGRAMS

Aggregate Planning
Forecasting Inventory
Management Just in Time and
Lean Systems Layout Planning
Line Balancing Location
Analysis Maintenance and
Reliability Material
Requirement Planning
Productivity Optimization
Resource Management Short-
term Scheduling Simulation
Strategic Capacity Planning
Supply Chain Management

