

1. Course Identity

Course Name/Block	Operations Management		
Faculty	Business and Economics	Study Program	Management
Code	31102921	Credit Weight	3 Credits
Group	Study Program Course	Type of Course	Compulsory
Semester	3	Availability	Limited to Study Program
Learning Method	Classroom Session	Media	Blended
Course Cluster/Block	Core Course	Prerequisite	Introduction to Business

2. Course Description/Block

This course aims to provide students with an understanding of the process of transforming company resources into outputs of goods and services. Upon the completion of this course, students are expected to understand the concepts and techniques of the design, control, and improvement of manufacturing and service capabilities. This course will begin with a holistic view of organizational operations. This stage is emphasized on the coordination function in product development, process management, and supply chain management. The following stages concern on the following three major topics in more detail: process analysis, material management, production scheduling, and quality improvement and product design.

3a. GRADUATE LEARNING OUTCOMES

CPL Codes	CPL Formulation
S9	To independently apply the knowledge possessed to support the practice of everyday life in general and professional aspect (to have applicable knowledge, and to apply the knowledge), by implementing Islamic values the blessing for the whole universe
KU1	To understand and implement theoretical concepts, methods and analytical tools of management functions (planning, implementation, directing, monitoring, evaluation, and control) and organizational functions (marketing, HR, Operations, and Finance) in different types of organizations
KU2	To contribute in the preparation of the organization's strategic plan and interpret the strategic plan into organizational operational plans at the functional level
KU4	To make the right managerial decisions in various types of organizations at the operational level, based on data and information analysis on organizational functions
PP4	To master the concept of research methods including case studies, historical, surveys, simulations, and experiments in qualitative and quantitative scope, exploratory, descriptive and verification and able to implement at least 1 research method

3b. COURSE LEARNING OUTCOMES

Supported CPL Codes	CPMK Codes	CPMK Formulation
S9	L1, L2	<ul style="list-style-type: none"> Students understand the history of operations management and productivity concepts Students understand business competition strategy and global operations strategy
KU1	L3, L4, L5	Students know and understand the concept of product design/development and the factors influencing product development and technology-based process design
KU2	L6, L7	Students know and understand the operating facility layout model and its relation to the process design used by the company.
KU4	L8, L9 L10, L11	Students understand production/operational capacity planning methods Students understand the concept of selecting and determining the location of a factory/business and the method of determining the location of a business
P4	L12, L13, L14, L15	<ul style="list-style-type: none"> Students know and understand how to manage inventory for the smooth running of a business with various methods (Reorder point, EOQ, Just In Time and Material Requirement), SCM. Students know and understand the concept of quality for goods and services, and

understand how to manage/determine good product quality

4. Learning Materials and Main References

Learning Materials	
Main References	<p>Heizer, J. and Render, B. (2020). Operations Management: Sustainability and Supply Chain Management, John Willey and Sons, Inc.</p> <p>Jacobs, F.R., Chase, R.B. and Aquilano, N.J. (2020). Operations and Supply Chain Management Global Edition, 17rd Edition.</p>

Date:	Date:	Date:
Approved by the Dean	Examined by the Head of the Study Program	Prepared by:
Prof. Jaka Sriyana, SE., M.Si.	Anjar Priyono, PhD.	Putra Endi Catyanadika, S.E., M.E.Biz.

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TRANSLATOR STATEMENT

The information appearing herein has been translated by a Center for International Language and Cultural Studies of Islamic University of Indonesia
CILACS UII Jl. DEMANGAN BARU NO 24
YOGYAKARTA, INDONESIA.
Phone/Fax: 0274 540 255