



FAKULTI PENGURUSAN DAN INDUSTRI HALAL

PROGRAM	Diploma in Technology Management
COURSE NAME	INTRODUCTION TO OPERATION MANAGEMENT
COURSE CODE	DDWG 2223
CREDIT HOUR	3
SYNOPSIS	This course is designed to expose the students to the operations function to other functions of the firm. It will focus on the operations of management organization, principles of efficient location, layout and materials handling design in the workplace, method study and work measurement principles to business, design effective planning, scheduling and control systems for various types of manufacturing and service-oriented business and technology used in industry. Students are required to make a visit to a firm or factory as their group project and provide a report upon the visit.
COURSE STRUCTURE	
CHAPTER	TOPICS
1	INTRODUCTION TO OPERATIONS MANAGEMENT
2	OPERATIONS STRATEGY
3	MANAGING QUALITY
4	DESIGN OF GOOD AND SERVICES
5	PROCESS STRATEGY
6	PRODUCT STRATEGY
7	LOCATION STRATEGIES
8	LAYOUT STRATEGY
9	HUMAN RESOURCE AND JOB DESIGN
10	SUPPLY CHAIN MANAGEMENT
11	INVENTORY MANAGEMENT

**References:**

1. Heizer, Jay and Render, Barry (2017) Operations Management, Pearson Prentice Hall.