

PROJECT PLANNING & CONTROL

LESSON 3: PROJECT SCHEDULING

LEARNING ACTIVITY 3

by
Khairul Firdaus Anuar
Faculty of Industrial Management
khairulfirdaus@ump.edu.my

LESSON 2: LEARNING ACTIVITIES

1. Define the following:
 - a) Backward pass
 - b) Critical Path

2. Discuss **TWO (2)** methods that help the project manager to achieve schedule compression.

3. List down **FIVE (5)** objectives of scheduling in a project.

LESSON 2: LEARNING ACTIVITIES

4. A sports company is planning to introduce a new product for a sale in the market. The table below provides a list of the activities required to plan and control this marketing project effectively.

Activity Code	Activity Description	Immediate Predecessors	Duration (Days)
A	Initial Discussions	-	6
B	Product Design	A	20
C	Market Survey	A	17
D	Market Evaluation	C	3
E	Product Costing	B	9
F	Sales Plan	C	12
G	Product Costing	D, E	4
H	Prototype Construction	F, G	22
I	Market Information Preparation	B	15
J	Prototype Testing	H, I	17

- Draw a network to represent the various activities of the marketing project.
- Determine the critical path and project duration.
- What will happen to project duration and the critical path if activity D is delayed by 2 days?

GOOD LUCK