

Faculty of Information Technology

FIT2002 PROJECT MANAGEMENT

TUTORIAL 5

TOPIC:

Project schedule management

MONASH University



TOPIC: Project time management

Learning outcomes:

- > Describe the steps in schedule management
- ➤ Identify the link between WBS and activity decomposition
- > Define the process of activity decomposition
- > Describe sequence activities and the types of activity dependencies
- > Identify and describe the various network diagrams for managing activities

Resource:

Schwalbe, K..(2015). Information Technology Project Management. (8e) Cengage Learning. Chapter 6
Brewer, J.L., & Dittman, K.C.,(2013). Methods of IT project management. (2nd Edition) Purdue University Press.
Chapter 6

Time Frame 110 mins	Topic	Activity	Outcomes/ tasks/ resources		
30	Review	Activity 1: Group discussi	Describe and know these terms:		
mins	workshop	➤What is mea	Scope baseline		
		➤Explain the t	Schedule baseline		
		➤What is the i	Cost baseline		
		➤ Explain the o	WBS		
		structure and	Work packages		
		➤ Discuss when	Project scheduling		
		when you we	tools		
		technique	Network diagrams		
		➤ Discuss when			
30	Network	Activity 2:	Able to draw a		
mins	diagrams	A project is de	network diagram and		
	(Float and critical path)	table below:	perform network calculations.		
	, ,	Activity	Duration	Predecessor	
		A	6	Start anytime	
		В	3	Start anytime	
		С	2	Start after A has ended	
		D	3	Start after B has ended	
				Start after C has started	
		E	6	Start after C has ended	
		F	4	Start after D has ended	
		The project ha finished. 1. Draw a 2. Calcula 3. Deterr 4. Discus			

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30	PERT	PERT Activity 3:							
mins			he following info	ormation, dete	rmine the PERT	value using the	Understanding how PERT is		
		Progra	used in CPM.						
		Task	Predecessors	Optimistic	Most likely	Pessimistic			
		Α	None	2	5	8			
		В	Α	2	2	9			
		С	Α	.25	.5	3.75			
		D	В	1	1	7			
		E	B & C	1	2	9			
		F	D&E	1	3	11			
		Using t							
		1.							
			What is the crit						
		3.							
		What are the advantages and disadvantages of using PERT?							
	Exploring Ms	Activity							
	Project	Open t	<u>(</u>						
	(Tutorial B)	B if you							
		• Fol							
		• In t	an						
		end							
20	Assignment	Activity 5:							
mins	clarification	This tin	ne is set aside fo	r you to work o	on the assignme	nt – as a team.			
		Would							
		•							
		•	h						
		•							
		Note: 1							