



Unit: FIT3161-63

Week: 4

Workshop Worksheet

Note: Activity 1 and 2 can be swapped around depending on Library Workshop timing.

Unit announcements (if any)		5 mins																					
Activity 1: Library Workshop	<p>Staff from the Library will run a workshop on effective Library Search Skills.</p> <p>See following in preparation:</p> <p>Rise Module</p>	50 mins																					
Break		5 mins																					
Activity 2: Activity network diagram and critical path analysis	<p>Undertake an activity network analysis to determine a project's Critical Path.</p> <p>Watch the video on Critical Path Analysis:</p> <p>https://lms.monash.edu/mod/page/view.php?id=8306112</p> <p>Do the Critical Path Analysis on the "project" below, with activities A → F</p> <table border="1"> <thead> <tr> <th>Activity</th><th>Duration</th><th>Predecessor</th></tr> </thead> <tbody> <tr> <td>A</td><td>5</td><td>Start anytime</td></tr> <tr> <td>B</td><td>10</td><td>Start anytime</td></tr> <tr> <td>C</td><td>7</td><td>Start after A ends End after D ends</td></tr> <tr> <td>D</td><td>4</td><td>Start after B ends</td></tr> <tr> <td>E</td><td>3</td><td>Start after B ends</td></tr> <tr> <td>F</td><td>4</td><td>Start after C ends</td></tr> </tbody> </table> <p>The project has finished when activities E and F have finished.</p> <p>1. Draw a network diagram (Using Activity on</p>	Activity	Duration	Predecessor	A	5	Start anytime	B	10	Start anytime	C	7	Start after A ends End after D ends	D	4	Start after B ends	E	3	Start after B ends	F	4	Start after C ends	<p>45 mins</p> <p>Complete at home if more time required.</p>
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A	5	Start anytime																					
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	Node) 2. Calculate the floats 3. Determine and mark the critical path	
<p>Activitty 3.</p> <p>ProjectLibre</p> <p>You will use ProjectLibre to create your Gantt chart for your project later on.</p>	<p>Download and install ProjectLibre from https://www.projectlibre.com/</p> <p>Search for ProjectLibre Video on Google and watch the Tutorial – This is quite long. So you will have to finish watching it in your own time.</p>	<p>Remaining time</p>