

## Chapter 8

**Problem 1:** Given the network plan that follows, compute the early, late, and slack times. What is the project duration? Using any approach you wish (e.g., trial and error), develop a loading chart for resources Electrical Engineers (EE), and resource, Mechanical Engineers (ME). Assume only one of each resource exists. Given your resource schedule, compute the early, late, and slack times for your project. Which activities are now critical? What is the project duration now? Could something like this happen in real projects?

Develop a loading schedule for each resource below. (Figure 8.3)

EE																				
ME																				
	0	1	2	3	4	5	6	7	8	9	10	11	12							

Fill in the times below for a resource activity schedule.

ID/RES	ES	LS	EF	LF	SL
1-EE					
2-EE					
3-ME					
4-EE					
5-ME					
6-ME					
7-EE					

Legend

ES	ID	EF
SL		SL
LS	DUR	LF

Resource

Schedule

