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ADMN 3850h
Assignment 2: PERT Draft
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- 1) What does the acronym “PERT” stand for?

The acronym PERT stands for Program Evaluation and Review Technique

- 2) How would you describe a PERT chart?

A PERT chart is a statistical model used in project management to lay out tasks and processes to clearly and logically lay them out in a way that makes the scope and flow of a project obvious. It uses nodes that represent a deliverable/project phases, and directional relations that represent time allotted for a given process to take place between phases of a project.

- 3) What is the purpose of this kind of chart?

A PERT chart is useful for explicitly defining dependencies, critical paths, and flow of a project. Gives the consumer, whether it be stakeholders or developers, a visual representation of the project scope and how processes should be carried out.

- 4) In point form, list and describe the **4 key components** that are depicted in a PERT chart.

- Activities and milestones that are involved in completing a project
- A network diagram that outlines how activities and milestones are connected
- Estimated time between 2 activities and milestones before the next one will be complete
- Critical path: determines the total calendar time required for the project

- 6) How many critical paths should there be in this PERT chart? Explain your answer.

There should only be 1 critical path in this PERT chart. This is because the course is set over a defined period, so the tasks that take up that amount of time would be the critical path.

The time that the course takes is pre-determined, so it makes sense that there would only be 1 critical path that is as long as that pre-determined time.

- 7) (1) -> (2) -> (3) -> (4) -> (6) -> (7) -> (8) -> (9) -> (11) -> (12) -> (13) -> (14)
0 + 0 0 + 1 1 + 0 1 + 1 2 + 0 2 + 1 3 + 0 3 + 1 4 + 0 4 + 1 5 + 0 = 5wks

