

Lesson 4

■ ***Mandatory Graded Assignment***



Directions: Be sure to make a copy of your answer before submitting it to Ashworth College for grading. Unless otherwise stated, answer in complete sentences, and be sure to use correct English spelling and grammar. Sources must be cited in APA format. Your response should be a minimum of one (1) single spaced page to a maximum of two (2) pages in length.

To increase your knowledge of the field, write out a simple node network project such as the *Suggested Real World Project* described above. Using graph paper or other lined paper, draw a neat Gantt bar chart schedule representation of this project. If you have access to Microsoft Project or another software package, you can use it, but this is not required. Remember, in the old days, many huge projects (e.g. the Hoover Dam, Golden Gate Bridge, Empire State Building, etc.) were all scheduled with pencil and paper.

Write a report discussing your project schedule, identifying the critical path, and discussing the feasibility of accelerating the project schedule.

This assignment must be a neat, professional presentation on this subject. Proper punctuation, spelling, and usage of grammar are imperative.

IMPORTANT: This project is required. You must complete this project. Please send this project to the school for grading. Complete and attach a *Submission and Evaluation Form* provided with this Learning Guide. If you fail to attach the form to your assignment, your work will not be accepted.

LESSON 4

■ *Suggested Real-World Project*

To increase your knowledge of the field, use a pencil and paper to write out a node network schedule for a simple project that is familiar to you (i.e., changing the oil in your car, building a deck, etc.). Try to think through every step involved in design, procuring materials, and performing the physical work (as applicable) and assign time periods for each node. When complete, analyze your schedule to determine the critical path. Now ask yourself how this schedule could be shortened.

~~IMPORTANT: This project is optional. You are not required to complete this project. Please do NOT send this project to the school for grading.~~

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To increase your knowledge of the field, research a famous project that is regarded as a scheduling failure. Such famous projects include the recent "Big Dig" in Boston. Describe what you think went wrong on your chosen project, and how failure might have been avoided.

This assignment must be a neat, professional presentation on this subject. Proper punctuation, spelling, and usage of grammar are imperative.

IMPORTANT: This project is required. You must complete this project. Please send this project to the school for grading. Complete and attach a *Submission and Evaluation Form* provided with this Learning Guide. If you fail to attach the form to your assignment, your work will not be accepted.

LESSON 5

■ *Suggested Real-World Project*

To increase your knowledge of the field, research a famous project that was done right in order to understand how the project was successfully managed. Such famous projects include the Hoover Dam, the Empire State Building, or the Golden Gate Bridge. Research the history of these projects via the Internet, library, or video documentaries. Look for lessons you can learn from these successful projects.

~~IMPORTANT: This project is optional. You are not required to complete this project. Please do NOT send this project to the school for grading.~~