Project Implement Assignment
Claire Couillard
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3. a.

Activity	Cost per Day
A	$1000
B	$1250
C	$450
D	$750
E	$1500
F	$1000
G	$900

b. Activities C, D and G because they have the lowest cost per day to crash.

4. a. I would crash B then C the D then A of the first four steps. Of the critical activities, E or G should be crashed first because the extra cost for those is less than all of the others.

b. The projects Critical Path is B-D-E-G. After crashing the least costly activities, the only part of the Critical Path that is left is D. I would crash (in order) C-D-A-F.

Problem 3: Microsoft Project

a. Beginning Values

Start: 5/3/20
Finish: 6/30/10
Duration: 43 days
Work: 456 hours
Cost: $17,520.00

b. Scenario 1.

Start: Monday 4/26/19
Finish: Wednesday 6/16/10
Duration: 38 days
Work: 456 hours
Cost: $18,960.00

The first change I made was to move the start date up to this Monday, April 26. Then, I went into activity 6.2 Confirming Attendance and changed the lag time from 20 days to 15 days. I was then at the finish date of 6/16/10, 2 weeks prior to the original start date. After I did that, I had to go in and revise each place that the administrative assistant was listed after 5/28 because according to the directions, she would be done working in 4 weeks. I replaced her duties by giving them to the Marketing Manager and the Project Lead and was careful not to overload those individual's tasks.

    c. Scenario 2

        Start: 5/3/10
        Finish: 6/14/10
        Duration: 31 days
        Work: 456 hours
        Cost: $18,680.00

        For scenario 2, the first change I made was to activity 6.2 Confirming Attendance; I changed the lag time from 20 days to 8 days. That got me to the finish date of 6.14.10. After I did that, I had to go in and revise each place that the administrative assistant was listed after 5/28 because according to the directions, she would be done working in 4 weeks. I replaced her duties by giving them to the Marketing Manager and the Project Lead and was careful not to overload those individual's tasks.

    d. I would recommend scenario 2 because we still keep the same start date, the finish date is 6/14, over 2 weeks early and it costs a little bit less to run then scenario 1.