

Unit 6 Assignment: EVM

Due Date: Sunday by 11:59pm
Total Points: 100

Instructions:

You are the project manager of a software development project. The team members will be working on five different components. Each of the components is budgeted to be \$2,625, and all components are supposed to be completed in five weeks. Using the status in the following table, find the following values at the end of week four.

Project	Planned End Date	Planned Budget	Actual Amount Spent by Week Four	Planned Completion by Week Four	Actual Completion by Week Four
Software Development Project	End of 5 th week	\$13, 125 for total project or \$2,625 for each component	\$9,000	Four out of five components	Three out of five components

Acronym	Term	Formula	Answer	Interpretation
PV				
EV				
AC				
SV				
CV				
CPI				
SPI				
BAC				
EAC				
ETC				
VAC				
TCPI				

Requirements:

- Use this MS Word file to complete your assignment and submit via Blackboard.
- Save your files using the following filename convention:
 - EVM – FirstName_LastName

Be sure to read the criteria, by which your paper/project will be evaluated, before you write, and again after you write.

Evaluation Rubric for *Unit 6: EVM* Assignment

CRITERIA	Deficient	Needs Improvement	Proficient	Exemplary
	<i>0 – 15 Points</i>	<i>16 – 19 Points</i>	<i>20 – 24 Points</i>	<i>25 Points</i>
EMV	Reserve justifications have no basis based on estimations but some justifications provided.	Justifications for reserve fund are based on clear estimations using EMV calculations and or PERT. Some of the estimations incomplete and justifications are partially complete.	Justifications for reserve fund are based on clear estimations using EMV calculations and or PERT. Some of the estimations are complete and matches the justifications.	Justifications for reserve fund are based on clear estimations using EMV calculations and or PERT. The estimations are complete and matches the justifications.
Milestones	All activities are Sequenced using the predecessors' column without a closed network diagram. At least 1-2 of your tasks relationships must be different than Finish to Start.	All activities are Sequenced using the predecessors' column without a closed network diagram. At least 3 of your tasks relationships must be different than Finish to Start.	All activities are Sequenced using the predecessors' column with a closed network diagram. At least 3 of your tasks relationships must be different than Finish to Start.	All activities are Sequenced using the predecessors' column with a closed network diagram. At least 4 of your tasks relationships must be different than Finish to Start.
Cost Baseline	Cost baseline do not include at most of activity cost estimates and when added up and does not equals the cost baseline.	Cost baseline include at least 80 percent of activity cost estimates and when added up equals the cost baseline.	Cost baseline include all activity cost estimates and when added up equals the cost baseline.	Cost baseline include all activity cost estimates and when added up equals the cost baseline and contingencies.
Summary Budget	Summary budget partially updated to include cost baselines estimates.	Summary budget 50 - 70 %l updated to include cost baselines estimates.	Summary budget 80 %l updated to include cost baselines estimates.	Summary budget fully updated to include cost baselines estimates.