

# Handout 9-1 Earned Value Solution

## Earned Value Analysis Exercise

### Data Provided

BAC	=	\$975,000
EV (BCWS)	=	\$190,000
PV (BCWP)	=	\$290,000
AC (ACWP)	=	\$240,000
ETC	=	\$991,579

### Desired Calculations:

CV
SV
Percent Spent
Percent Complete
EAC

### The Formula:

$$\begin{array}{ll} \text{EV} - \text{AC} & = \text{CV} \\ \$190,000 - \$240,000 & = -\$50,000 \end{array}$$

$$\begin{array}{ll} \text{EV} - \text{PV} & = \text{SV} \\ \$190,000 - \$290,000 & = -\$100,000 \end{array}$$

$$\begin{array}{ll} \text{AC} / \text{BAC} & = \text{Percentage Spent} \\ \$240,000 / \$975,000 & = 25\% \end{array}$$

$$\begin{array}{ll} \text{EV} / \text{BAC} & = \text{Percentage Complete} \\ \$190,000 / \$975,000 & = 19\% \end{array}$$

$$\begin{array}{ll} \text{ETC} + \text{AC} & = \text{EAC} \\ \$991,579 + \$240,000 & = \$1,231,579 \end{array}$$