DEFENSE CONTRACT MANAGEMENT AGENCY

Earned-Value Management Specialist Certification

EVMS 104 - Predictive Analysis Training

		To Be Completed By Applicant		To Be Completed By ESCP Review Board		
	Objective	**Work Description/Justification (Include document citations where appropriate)**	**Verifier Signature (Subject-Matter Expert)**	**Objective Achieved?**		**Comments**
				Yes	**No**	
1.0	Describe the fundamental purpose of Program Analysis.		N/A	☐	☐	
1.1	Describe the documents providing direction on Program Analysis.		N/A	☐	☐	
2.0	Demonstrate the ability to build a Standard Program Analysis (SPA) Workbook.	N/A		☐	☐	
2.1	Demonstrate the ability to retore a wInsight back-up file.	N/A		☐	☐	
2.2	Demonstrate the ability to import Custom Reports and Views in wIsnight.	N/A		☐	☐	
2.3	Successfully transfer the data from wInsight into the SPA Workbook	N/A		☐	☐	
2.4	Demonstrate the ability to transfer the program'ss EV data into the SPA Workbook.	N/A		☐	☐	
2.5	Demonstrate the ability to find and correct data errors using back-up documents.	N/A		☐	☐	

2.6	Demonstrate the ability to identify Over-target Baselines in datasets.	N/A		☐	☐	
3.0	Describe the Critical Path Length Index (CPLI) and the data it is based on.		N/A	☐	☐	
3.1	Demonstrated ability to calculate the CPLI using the SPA Workbook.	N/A		☐	☐	
3.2	Describe the Baseline Execution Index (BEI) and the data it is based on.		N/A	☐	☐	
3.3	Demonstrate the ability to calculate the BEI and Task Hit percentage using the SPA Workbook.	N/A		☐	☐	
3.4	Demonstrate the ability to correctly interpret CPLI and BEI analysis results.	N/A		☐	☐	
4.0	Describe the overall process map of Performance Indicators.		N/A	☐	☐	
4.1	Define the Performance Indicators.		N/A	☐	☐	
4.2	Identify the Cost Performance Index (CPI) in the datasets.	N/A		☐	☐	
4.3	Demonstrated ability to calculate the CPI using the SPA Workbook.	N/A		☐	☐	
4.4	Identify the Schedule Performance Index (SPI) in the datasets.	N/A		☐	☐	

4.5	Demonstrated ability to calculate the SPI using the SPA Workbook.	N/A		☐	☐	
4.6	Demonstrated ability to calculate the CPI to TCPI comparison using the SPA Workbook.	N/A		☐	☐	
4.8	Demonstrated ability to calculate and interpret results of % Complete / % Management Reserve (MR) Used.	N/A		☐	☐	
4.9	Demonstrate the ability to assess if a metric has exceeded the reporting threshold.	N/A		☐	☐	
4.10	Describe the required information necessary for identifying the System Indicator.		N/A	☐	☐	
4.11	Identify the Baseline Revisions in the datasets.			☐	☐	
4.12	Demonstrate the ability to calculate the percentage of Baseline Revision using the SPA Workbook.	N/A		☐	☐	
4.13	Demonstrate the ability to calculate the percentage of Contract Modification using the SPA Workbook.	N/A		☐	☐	
4.14	Define the Data Integrity Indicators and their role in program analysis.		N/A	☐	☐	
5.0	Describe the background and framework of a Program Assessment Report (PAR).		N/A	☐	☐	

5.1	Describe the purpose of the Executive Summary.		N/A	☐	☐	
5.2	Describe the purpose of developing a DCMA Independent EAC.		N/A	☐	☐	
5.3	Describe the purpose and process of creating CWBS "watch items".		N/A	☐	☐	
6.0	Demonstrate the ability to create an Executive Summary.	N/A		☐	☐	
6.1	Demonstrate the ability to create a DCMA IEAC.	N/A		☐	☐	
6.2	Demonstrate the ability to develop PAR charts using example program data in the SPA Workbook.	N/A		☐	☐	
6.3	Demonstrate the ability to analyze PAR charts to identify program trends.	N/A		☐	☐	
6.4	Demonstrate the ability to create Variance Analysis section of the PAR using the data/documents above.	N/A		☐	☐	

Applicant Signature	
Verifier Signature	
Supervisor Signature	

Instructions for completing this form:

CHECKLIST ATTACHED?: Complete attached checklist that corresponds to the class in which equivalency is being requested.

To be completed by Applicant: Applicant shall complete Work Description/Justification column of each objective. Applicant shall include examples or documentation where required by the objective (course certificates, transcripts, example Guideline Evaluation Form for EVMS 105, etc.). Applicant shall digitally sign at the bottom of the form.

To be completed by Verifier: Verifier shall digitally sign Verifier Signature column for each objective upon viewing the Applicant's successful, live demonstration. Verifiers shall also digitally sign at the bottom of the form. Verifiers must be ESCP Journey or Expert certified. Contact ESCPBoard@dcma.mil for a list of Verifiers.

To be completed by Supervisor: Supervisor shall digitally sign upon concurrence.

To be completed by ESCP Board: ESCP Board shall complete the Objective Achieved and Comments column.