



DEFENSE ACQUISITION UNIVERSITY

CMQ 131 - Data Collection and Analysis

150209

Course Learning/Performance Objectives followed by its enabling learning objectives on separate lines if specified.

1	Given applicable FAR, DFARS, and ISO/AS standards, define why Government acquisition organizations collect data.
	Define the concept of data collection.
	Identify the purpose of collecting, analyzing, and using data in a quality assurance environment.
	Identify the relevant data analysis requirements in FAR 46.104 and DFARS 246.102, 246.470-2, PGI 246.470-2.
2	Identify the elements of ISO 9001/AS 9100, Clause 8.4, Analysis of Data.
	Given access to documents, reports, and correspondence, choose the correct information to be used for quality assurance data collection.
	Choose information to include in a plan for data collection.
	Extrapolate important questions to ask when collecting data.
	Choose the relevant sources of quality assurance data.
3	Identify quality of sources when determining the relevance of data collected.
	Identify the relationship between quality assurance data and performance.
	Given sample data, identify data extraction techniques to collate accurate and significant quality assurance data.
4	Identify the four universal types of quality assurance data.
	Identify the tenets of quality assurance data collation.
5	Given a scenario, identify specified data analysis concepts.
	Identify data analysis concepts.
5	Given associated documentation, interpret a quality assurance data analysis summary and supporting visual representation.
	Interpret the five W's within a data analysis summary.
	Interpret the essential elements in visual presentations of data analysis summaries.).