CCAC6250 - Evaluation Summary

Date: August 18, 2025 **Overall Score:** 4.3/5.0

AI Evaluation Disclaimer *This evaluation was performed by an AI system using gpt-4.1.*

Executive Summary The document demonstrates strong technical, structural, and domain quality, with high scores in most parameters and no critical failures. Evidence is robust, and the evaluation process is thorough, identifying minor but actionable improvement areas.

Score Rationale The score reflects consistently high performance across technical, structural, and domain areas, with only minor gaps in dependency mapping, test coverage, and side effect analysis. No critical issues were found.

KPI's Evaluation Results

KPI	Score	Reason
Technical Accuracy	4.4/5.0	Accurate COBOL structures and logic. Minor gaps in SQL and error handling details.
Completeness Coverage	4.4/5.0	Covers nearly all program aspects. Lacks full copybook and paragraph inventories.
Traceability	3.8/5.0	Good mapping of files and paragraphs. Missing explicit code-location references.
Internal Consistency	4.7/5.0	Highly consistent across sections. Only minor confusion from hypothetical SQL.
Coverage Unknowns Gaps	4.1/5.0	States absent features and some gaps. Lacks systematic gap log and SME action plan.
Side Effect Identification	3.6/5.0	Direct side effects noted. No deep analysis of variable or copybook impacts.
Clarity Readability	4.6/5.0	Clear, well-structured, and readable. Could expand on COBOL constructs and context.
Structural Conformity	4.8/5.0	Matches required structure and formatting. Only minor formatting variations present.
Figure Diagram Quality	4.1/5.0	Diagrams are present and accurate. Minor template and naming inconsistencies.
Control Flow Accuracy	4.8/5.0	Control flow matches code and diagrams. Minor abstraction in diagram details.
Data Flow Integrity	4.3/5.0	Data flow and structures are well described. Some template and copybook detail gaps.
Call Dependency Mapping	3.2/5.0	High-level dependencies correct. Lacks detailed, formatted copybook and call listings.
Modularity Layering	4.3/5.0	Logical modular breakdown. Needs more explicit mapping of copybooks and layers.

KPI	Score	Reason
Algorithm Explanation Depth	4.2/5.0	Main algorithms and conditions explained. Lacks exhaustive condition/flag documentation.
Figure Referencing	4.7/5.0	Diagrams are well referenced and integrated. Minor node naming improvements needed.
Code Snippet Validity	4.8/5.0	COBOL code snippets are accurate and complete. Illustrative SQL is clearly marked.
Error Handling Recovery Coverage	4.3/5.0	Error handling matches code logic. Could expand on message content and recovery steps.
Test Cases Coverage	3.7/5.0	Basic test scenarios listed. Lacks detailed mapping to all code paths and edge cases.

Recommended Improvements • Enumerate copybooks • Expand test cases • Deepen side effect analysis • Clarify SQL examples • Map code references