

Appendix B: Risk Assessment Paper Rubric

You are given a case study scenario describing security issues affecting national or organizational assets. You will identify the risks associated with the assets, and recommend mitigating procedures. You will prepare a **quantitative/ qualitative /hybrid** risk assessment to address risk factors on organizational assets. Your final paper can be 10–25 pages long in a Word document and will be graded using the following rubric.

	Advanced (10 points)	Compliant (9 points)	Minimal (8 points)	Noncompliant (7 points)
Inventory assets and prioritize them in the order of mission criticality.	Inventoried, prioritized assets and addressed mission objectives in their asset priority.	Inventoried prioritized assets but did not address mission objectives in their asset priority.	Inventoried assets but did not prioritize them in the order of mission criticality.	Did not inventory or prioritize assets in the order of mission criticality.
Evaluate enterprise topology and perimeter protection.	Evaluated enterprise topology perimeter protection measures and addressed mission objectives.	Evaluated enterprise topology perimeter protection measures but did not address mission objectives.	Evaluated enterprise topology but did not include perimeter protection measures.	Did not evaluate enterprise topology and perimeter protection.
Evaluate remote access to the networks.	Evaluated remote access protocols security safeguards to the network and addressed mission objectives.	Evaluated remote access protocols security safeguards to the network but did not address mission objectives.	Evaluated remote access protocols but did not address security safeguards to the network.	Did not evaluate remote access protocols and safeguards to the network.
Evaluate authentication protocols and methodologies.	Evaluated authentication protocols, methodologies with supporting data, description and addressed mission objectives.	Evaluated authentication protocols methodologies with supporting data and description but lacks mission objectives.	Evaluated authentication protocols methodologies but with insufficient data or inadequate description.	Did not evaluate authentication protocols and methodologies.
Assign asset values to organization assets for quantitative/qualitative risk assessment.	Assigned asset values to organization assets in a complete inventory and addressed mission objectives.	Assigned asset values to organization assets in a complete inventory but did not address mission objectives.	Assigned asset values to organization assets for quantitative/qualitative risk assessment but incomplete.	Did not assign asset values to organization assets for quantitative/qualitative risk assessment.
Assess vulnerabilities on each asset and impacts if compromised.	Assessed vulnerabilities on each asset and impacts if compromised of complete inventory and addressed mission objectives.	Assessed vulnerabilities on each asset and impacts if compromised of complete inventory but did not address mission objectives.	Assessed vulnerabilities on each asset and impacts if compromised but incomplete.	Did not assess vulnerabilities on each asset and impacts if compromised.
Assess risk based on probability of compromise and its impact discovered on each asset.	Assessed risk based on probability and its impact discovered on each asset and summarized them.	Assessed risk based on probability and its impact discovered on each asset but did not summarize them.	Assessed risk based on probability and its impact discovered on each asset but incomplete.	Did not assess risk based on probability of compromise and its impact discovered on each asset.
Recommend risk mitigation procedures commensurate with asset values.	Recommended risk mitigation procedures commensurate with asset values of complete inventory and addressed mission objectives.	Recommended risk mitigation procedures commensurate with asset values of complete inventory but did not address mission objectives.	Recommended risk mitigation procedures commensurate with asset values but incomplete.	Did not recommended risk mitigation procedures commensurate with asset values.
Formulate 15-25 pages of a quantitative or qualitative risk assessment in APA format.	Followed proper quantitative or qualitative risk assessment format and conformed to APA in a sufficient reference list and page count.	Followed proper quantitative or qualitative risk assessment format and conformed to APA but insufficient reference list and page count.	Followed proper quantitative or qualitative risk assessment format but did not conform to APA format.	Did not follow proper quantitative or qualitative risk assessment format, and failed to conform to APA format.
Executive summary of risk assessment.	Included an executive summary in details and addressed mission objectives.	Included an executive summary in details but did not address the mission objectives.	Included an executive summary but lacks details.	Did not include an executive summary.