

CAREER PATHWAY IT PROGRAM AUDITOR (805)

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1 805-IT PROGRAM AUDITOR

1.1 WORK ROLE OVERVIEW

The table below provides an overview of various role-specific elements related to 805-IT Program Auditor.

Table 1. 805-IT Program Auditor Work Role Overview

NICE Role Description	Conducts evaluations of an IT program or its individual components to determine compliance with published standards.
OPM Occupational Series	<p>Personnel performing the 805-IT Program Auditor work role are most commonly aligned to the following Occupational Series: (Top 5 Shown)</p> <ul style="list-style-type: none"> - 511-Auditing – 39% - 2210-Information Technology – 36% - 343-Management and Program Analysis – 8% - 570 – Financial Institution Examining – 6% - 0080 – Security and Administration – 3%
Work Role Pairings	<p>Personnel performing the 805- IT Program Auditor work role are most commonly paired with the following complimentary Work Roles (Top 5 shown):</p> <ul style="list-style-type: none"> - 612-Security Control Assessor – 13% - 641-Systems Requirements Planner – 12% - 752-Cyber Policy and Strategy Planner – 10% - 411-Technical Support Specialist – 8% - 511-Cyber Defense Analyst – 8%
Functional Titles	<p>Personnel performing the 805-IT Program Auditor work role may unofficially or alternatively be called:</p> <ul style="list-style-type: none"> - Auditor - Information Assurance (IA) Compliance Manager - Information Assurance (IA) Officer - Information Assurance (IA) Auditor - Information Security Auditor - IT Auditor - Program Auditor - Quality Assurance (QA) Specialist - Validator

<p>Distribution of GS-Levels</p>	<p>Personnel performing the 805-IT Program Auditor work role are most commonly found within the following grades on the General Schedule.*</p> <ul style="list-style-type: none"> - <input type="checkbox"/> GS-4 – redacted** - <input type="checkbox"/> GS-6 – redacted** - <input type="checkbox"/> GS-7 – redacted** - <input type="checkbox"/> GS-9 – redacted** - <input checked="" type="checkbox"/> GS-11 – 5% - <input checked="" type="checkbox"/> GS-12 – 18% - <input checked="" type="checkbox"/> GS-13 – 38% - <input checked="" type="checkbox"/> GS-14 – 18% - <input checked="" type="checkbox"/> GS-15 – 5% <p>*14% of all 805s are in non-GS pay plans and excluded from this section *Percentages less than 3% have been redacted</p>
<p>On Ramps</p>	<p>The following work roles are examples of possible roles an individual may perform prior to transitioning into the 805-IT Program Auditor work role:</p> <ul style="list-style-type: none"> - 801-Program Manager - 803-Product Support Manager - 804-IT Investment/Portfolio Manager
<p>Off Ramps</p>	<p>The following work roles are examples of common transitions an individual may pursue after having performed the 805-IT Program Auditor. This is not an exhaustive list, nor does it consider learning and development opportunities an individual may pursue to prepare themselves for performing alternate work roles:</p> <ul style="list-style-type: none"> - 732-Privacy Officer / Privacy Compliance Manager - 752-Cyber Policy and Strategy Planner - 804-IT Investment / Portfolio Manager - 901-Executive Cyber Leadership

1.2 CORE TASKS

The table below provides a list of tasks that represent the Core, or baseline, expectations for performance in the 805-IT Program Auditor work role, as well as additional tasks that those in this role may be expected to perform.

Table 2. 805-IT Program Auditor Core Tasks

Task ID	Task Description	Core or Additional
T0072	Develop methods to monitor and measure risk, compliance, and assurance efforts.	Core
T0208	Provide recommendations for possible improvements and upgrades.	Core
T0223	Review or conduct audits of information technology (IT) programs and projects.	Core
T0389	Review service performance reports identifying any significant issues and variances, initiating, where necessary, corrective actions and ensuring that all outstanding issues are followed up.	Core
T0412	Conduct import/export reviews for acquiring systems and software.	Core
T0207	Provide ongoing optimization and problem-solving support.	Additional
T0256	Evaluate the effectiveness of procurement function in addressing information security requirements and supply chain risks through procurement activities and recommend improvements.	Additional
T0415	Ensure that supply chain, system, network, performance, and cybersecurity requirements are included in contract language and delivered.	Additional

1.3 CORE KNOWLEDGE, SKILLS, AND ABILITIES

The table below provides a ranking of KSAs that represent the Core, or baseline, expectations for performance in the 805-IT Program Auditor work role, as well as additional KSAs that those in this role may be expected to demonstrate.

Table 3. 805-IT Program Auditor Core KSAs

KSA ID	Description	Competency	Importance to Work Role
K0004	Knowledge of cybersecurity principles.	Information Systems/Network Security	Foundational to all work roles.
K0001	Knowledge of computer networking concepts and protocols, and network security methodologies.	Infrastructure Design	Foundational to all work roles.
K0003	Knowledge of national and international laws, regulations, policies, and ethics as they relate to cybersecurity.	Legal, Government, and Jurisprudence	Foundational to all work roles.
K0002	Knowledge of risk management processes (e.g., methods for assessing and mitigating risk).	Risk Management	Foundational to all work roles.
K0005	Knowledge of cyber threats and vulnerabilities.	Vulnerabilities Assessment	Foundational to all work roles.
K0006	Knowledge of specific operational impacts of cybersecurity lapses.	Vulnerabilities Assessment	Foundational to all work roles.
K0043	Knowledge of industry-standard and organizationally accepted analysis principles and methods.	Data Analysis	Core
S0038	Skill in identifying measures or indicators of system performance and the actions needed to improve or correct performance, relative to the goals of the system.	Information Technology Assessment	Core
S0085	Skill in conducting audits or reviews of technical systems.	Information Technology Assessment	Core
K0048	Knowledge of Risk Management Framework (RMF) requirements.	Risk Management	Core
K0126	Knowledge of Supply Chain Risk Management Practices (NIST SP 800-161).	Contracting/Procurement	Additional
K0257	Knowledge of information technology (IT) acquisition/procurement requirements.	Contracting/Procurement	Additional
K0270	Knowledge of the acquisition/procurement life cycle process.	Contracting/Procurement	Additional
A0056	Ability to ensure security practices are followed throughout the acquisition process.	Contracting/Procurement	Additional
K0047	Knowledge of information technology (IT) architectural concepts and frameworks.	Enterprise Architecture	Additional
K0200	Knowledge of service management concepts for networks and related standards (e.g.,	Enterprise Architecture	Additional

KSA ID	Description	Competency	Importance to Work Role
	Information Technology Infrastructure Library, current version [ITIL]).		
K0120	Knowledge of how information needs and collection requirements are translated, tracked, and prioritized across the extended enterprise.	Information Management	Additional
S0372	Skill to translate, track, and prioritize information needs and intelligence collection requirements across the extended enterprise.	Information Management	Additional
K0198	Knowledge of organizational process improvement concepts and process maturity models (e.g., Capability Maturity Model Integration (CMMI) for Development, CMMI for Services, and CMMI for Acquisitions).	Process Control	Additional
K0072	Knowledge of resource management principles and techniques.	Project Management	Additional
K0154	Knowledge of supply chain risk management standards, processes, and practices.	Risk Management	Additional
K0165	Knowledge of risk threat assessment.	Risk Management	Additional
K0169	Knowledge of information technology (IT) supply chain security and risk management policies, requirements, and procedures.	Risk Management	Additional
K0235	Knowledge of how to leverage government research and development centers, think tanks, academic research, and industry systems.	Strategic Planning	Additional
K0090	Knowledge of system life cycle management principles, including software security and usability.	Systems Integration	Additional
K0148	Knowledge of import/export control regulations and responsible agencies for the purposes of reducing supply chain risk.	Third Party Oversight/Acquisition Management	Additional

1.4 CORE COMPETENCIES

The table below is a compilation of competencies aligned to the 805-IT Program Auditor work role, and their associated importance. Listed competencies are collections of three or more similar Knowledge, Skills, or Abilities aligned to the Work Role. *These competencies originate from the [NICE Framework Competency Pivot Tool](#).*

Table 4. 805-IT Program Auditor Core Competencies

Technical Competency	Comp. ID	Definition	Work Role Related KSAs	Importance
Contracting/ Procurement	C010	This area contains KSAs that relate to the various types of contracts, techniques for contracting or procurement, and contract negotiation and administration.	<ul style="list-style-type: none"> • Knowledge of the acquisition/ procurement life cycle process. [K0270] • Knowledge of Supply Chain Risk Management Practices (NIST SP 800-161). [K0126] • Ability to ensure security practices are followed throughout the acquisition process. [A0056] • Knowledge of information technology (IT) acquisition/procurement requirements. [K0257] 	Core
Risk Management	C044	This area contains KSAs that relate to the methods and tools used for risk assessment and mitigation of risk.	<ul style="list-style-type: none"> • Knowledge of risk/threat assessment. [K0165] • Knowledge of information technology (IT) supply chain security and supply chain risk management policies, requirements, and procedures. [K0169] • Knowledge of supply chain risk management standards, processes, and practices. [K0154] • Knowledge of Risk Management Framework (RMF) requirements. [K0048] • Knowledge of risk management processes (e.g., methods for assessing and mitigating risk). [K0002] 	Core

1.5 SUGGESTED QUALIFICATIONS / CAPABILITY INDICATORS

Table 5. 805-IT Program Auditor Suggested Qualifications

For indicators of capability for the 805-IT Program Auditor work role, please see [Draft NISTR 8193 - National Initiative for Cybersecurity Education \(NICE\) Framework Work Role Capability Indicators](#).

Section to be populated with updated DoD-8140 Qualification Matrix for 805-IT Program Auditor.

2 APPENDIX: 805-IT PROGRAM AUDITOR TASK ANALYSIS AND KSA MAPPING

2.1 KEY TO READING THE TASK ANALYSIS AND KSA MAPPING

Table 6. Key to Reading the Task Analysis and KSA Mapping

Proficiency	Task Statement	Importance
As Written	Task as written within the NICE Cybersecurity Workforce Framework (NICE Framework).	Overall Importance to Work Role
Entry	<i>Example behavioral indicator / task permutation for performing this task at an Entry skills proficiency level.</i>	
Intermediate	<i>Example behavioral indicator / task permutation for performing this task at an Intermediate skills proficiency level.</i>	
Advanced	<i>Example behavioral indicator / task permutation for performing this task at an Advanced skills proficiency level.</i>	

Table 7. Primary Knowledge, Skills, and Abilities Required to Perform the above Task

KSA ID	Description	Competency
ID of K, S, or A	Knowledge, Skill or Ability needed to perform the task as written within the NICE Framework	Competency mapped to the individual K, S, or A.

2.2 805-IT PROGRAM AUDITOR TASK ANALYSIS AND KSA MAPPING

Table 8. T0072 Task Analysis

Proficiency	Task Statement	Importance
As Written within Framework	Develop methods to monitor and measure risk, compliance, and assurance efforts.	Core
Entry	<i>Assist others in developing methods to monitor and measure risk, compliance, and assurance efforts.</i>	
Intermediate	<i>Develop methods to monitor and measure risk, compliance, and assurance efforts.</i>	
Advanced	<i>Evaluate and improve methods to monitor and measure risk, compliance, and assurance efforts.</i>	

Table 9. Primary Knowledge, Skills, and Abilities Required to Perform the above Task

KSA ID	Description	Competency
K0126	Knowledge of Supply Chain Risk Management Practices (NIST SP 800-161)	Contracting/Procurement
A0056	Ability to ensure security practices are followed throughout the acquisition process.	Contracting/Procurement
K0043	Knowledge of industry-standard and organizationally accepted analysis principles and methods.	Data Analysis
K0047	Knowledge of information technology (IT) architectural concepts and frameworks.	Enterprise Architecture
K0120	Knowledge of how information needs and collection requirements are translated, tracked, and prioritized across the extended enterprise.	Information Management
S0372	Skill to translate, track, and prioritize information needs and intelligence collection requirements across the extended enterprise.	Information Management
K0004	Knowledge of cybersecurity and privacy principles.	Information Systems/Network Security
S0038	Skill in identifying measures or indicators of system performance and the actions needed to improve or correct performance, relative to the goals of the system.	Information Technology Assessment
S0085	Skill in conducting audits or reviews of technical systems.	Information Technology Assessment
K0001	Knowledge of computer networking concepts and protocols, and network security methodologies.	Infrastructure Design
K0003	Knowledge of laws, regulations, policies, and ethics as they relate to cybersecurity and privacy.	Legal, Government, and Jurisprudence
K0002	Knowledge of risk management processes (e.g., methods for assessing and mitigating risk).	Risk Management
K0048	Knowledge of Risk Management Framework (RMF) requirements.	Risk Management

KSA ID	Description	Competency
K0154	Knowledge of supply chain risk management standards, processes, and practices.	Risk Management
K0165	Knowledge of risk/threat assessment.	Risk Management
K0169	Knowledge of information technology (IT) supply chain security and supply chain risk management policies, requirements, and procedures.	Risk Management
K0090	Knowledge of system life cycle management principles, including software security and usability.	Systems Integration
K0005	Knowledge of cyber threats and vulnerabilities.	Vulnerabilities Assessment
K0006	Knowledge of specific operational impacts of cybersecurity lapses.	Vulnerabilities Assessment

Table 10. T0208 Task Analysis

Proficiency	Task Statement	Importance
As Written within Framework	Provide recommendations for possible improvements and upgrades.	Core
Entry	<i>Help with providing recommendations for possible improvements and upgrades.</i>	
Intermediate	<i>Provide recommendations for possible improvements and upgrades.</i>	
Advanced	<i>Provide complex recommendations for possible improvements and upgrades.</i>	

Table 11. Primary Knowledge, Skills, and Abilities Required to Perform the above Task

KSA ID	Description	Competency
K0126	Knowledge of Supply Chain Risk Management Practices (NIST SP 800-161)	Contracting/Procurement
K0270	Knowledge of the acquisition/procurement life cycle process.	Contracting/Procurement
A0056	Ability to ensure security practices are followed throughout the acquisition process.	Contracting/Procurement
K0043	Knowledge of industry-standard and organizationally accepted analysis principles and methods.	Data Analysis
K0047	Knowledge of information technology (IT) architectural concepts and frameworks.	Enterprise Architecture
K0120	Knowledge of how information needs and collection requirements are translated, tracked, and prioritized across the extended enterprise.	Information Management
K0004	Knowledge of cybersecurity and privacy principles.	Information Systems/Network Security
S0038	Skill in identifying measures or indicators of system performance and the actions needed to improve or correct performance, relative to the goals of the system.	Information Technology Assessment
S0085	Skill in conducting audits or reviews of technical systems.	Information Technology Assessment
K0001	Knowledge of computer networking concepts and protocols, and network security methodologies.	Infrastructure Design
K0003	Knowledge of laws, regulations, policies, and ethics as they relate to cybersecurity and privacy.	Legal, Government, and Jurisprudence
K0198	Knowledge of organizational process improvement concepts and process maturity models (e.g., Capability Maturity Model Integration (CMMI) for Development, CMMI for Services, and CMMI for Acquisitions).	Process Control
K0002	Knowledge of risk management processes (e.g., methods for assessing and mitigating risk).	Risk Management
K0048	Knowledge of Risk Management Framework (RMF) requirements.	Risk Management
K0154	Knowledge of supply chain risk management standards, processes, and practices.	Risk Management
K0165	Knowledge of risk/threat assessment.	Risk Management

KSA ID	Description	Competency
K0169	Knowledge of information technology (IT) supply chain security and supply chain risk management policies, requirements, and procedures.	Risk Management
K0090	Knowledge of system life cycle management principles, including software security and usability.	Systems Integration
K0148	Knowledge of import/export control regulations and responsible agencies for the purposes of reducing supply chain risk.	Third Party Oversight/Acquisition Management
K0005	Knowledge of cyber threats and vulnerabilities.	Vulnerabilities Assessment
K0006	Knowledge of specific operational impacts of cybersecurity lapses.	Vulnerabilities Assessment

Table 12. T0223 Task Analysis

Proficiency	Task Statement	Importance
As Written within Framework	Review or conduct audits of information technology (IT) programs and projects.	Core
Entry	<i>Help with providing recommendations for possible improvements and upgrades.</i>	
Intermediate	<i>Provide recommendations for possible improvements and upgrades.</i>	
Advanced	<i>Provide complex recommendations for possible improvements and upgrades.</i>	

Table 13. Primary Knowledge, Skills, and Abilities Required to Perform the above Task

KSA ID	Description	Competency
K0126	Knowledge of Supply Chain Risk Management Practices (NIST SP 800-161)	Contracting/Procurement
K0257	Knowledge of information technology (IT) acquisition/procurement requirements.	Contracting/Procurement
K0270	Knowledge of the acquisition/procurement life cycle process.	Contracting/Procurement
A0056	Ability to ensure security practices are followed throughout the acquisition process.	Contracting/Procurement
K0043	Knowledge of industry-standard and organizationally accepted analysis principles and methods.	Data Analysis
K0047	Knowledge of information technology (IT) architectural concepts and frameworks.	Enterprise Architecture
K0200	Knowledge of service management concepts for networks and related standards (e.g., Information Technology Infrastructure Library, current version [ITIL]).	Enterprise Architecture
S0372	Skill to translate, track, and prioritize information needs and intelligence collection requirements across the extended enterprise.	Information Management
K0120	Knowledge of how information needs and collection requirements are translated, tracked, and prioritized across the extended enterprise.	Information Management
K0004	Knowledge of cybersecurity and privacy principles.	Information Systems/Network Security
S0038	Skill in identifying measures or indicators of system performance and the actions needed to improve or correct performance, relative to the goals of the system.	Information Technology Assessment
S0085	Skill in conducting audits or reviews of technical systems.	Information Technology Assessment
K0001	Knowledge of computer networking concepts and protocols, and network security methodologies.	Infrastructure Design
K0003	Knowledge of laws, regulations, policies, and ethics as they relate to cybersecurity and privacy.	Legal, Government, and Jurisprudence
K0198	Knowledge of organizational process improvement concepts and process maturity models (e.g., Capability Maturity Model Integration (CMMI) for Development, CMMI for Services, and CMMI for Acquisitions).	Process Control

KSA ID	Description	Competency
K0072	Knowledge of resource management principles and techniques.	Project Management
K0002	Knowledge of risk management processes (e.g., methods for assessing and mitigating risk).	Risk Management
K0048	Knowledge of Risk Management Framework (RMF) requirements.	Risk Management
K0154	Knowledge of supply chain risk management standards, processes, and practices.	Risk Management
K0165	Knowledge of risk/threat assessment.	Risk Management
K0169	Knowledge of information technology (IT) supply chain security and supply chain risk management policies, requirements, and procedures.	Risk Management
K0090	Knowledge of system life cycle management principles, including software security and usability.	System Integration
K0148	Knowledge of import/export control regulations and responsible agencies for the purposes of reducing supply chain risk.	Third Party Oversight/Acquisition Management
K0005	Knowledge of cyber threats and vulnerabilities.	Vulnerabilities Assessment
K0006	Knowledge of specific operational impacts of cybersecurity lapses.	Vulnerabilities Assessment

Table 14. T0389 Task Analysis

Proficiency	Task Statement	Importance
As Written within Framework	Review service performance reports identifying any significant issues and variances, initiating, where necessary, corrective actions and ensuring that all outstanding issues are followed up.	Core
Entry	<i>Support someone reviewing service performance reports identifying any significant issues and variances, initiating, where necessary. corrective actions and ensuring that all outstanding issues are followed up.</i>	
Intermediate	<i>Review service performance reports identifying any significant issues and variances, initiating, where necessary, corrective actions and ensuring that all outstanding issues are followed up.</i>	
Advanced	<i>Lead those reviewing service performance reports identifying any significant issues and variances, initiating, where necessary, corrective actions and ensuring that all outstanding issues are followed up.</i>	

Table 15. Primary Knowledge, Skills, and Abilities Required to Perform the above Task

KSA ID	Description	Competency
K0126	Knowledge of Supply Chain Risk Management Practices (NIST SP 800-161)	Contracting/Procurement
K0257	Knowledge of information technology (IT) acquisition/procurement requirements.	Contracting/Procurement
K0270	Knowledge of the acquisition/procurement life cycle process.	Contracting/Procurement
A0056	Ability to ensure security practices are followed throughout the acquisition process.	Contracting/Procurement
K0043	Knowledge of industry-standard and organizationally accepted analysis principles and methods.	Data Analysis
K0047	Knowledge of information technology (IT) architectural concepts and frameworks.	Enterprise Architecture
K0200	Knowledge of service management concepts for networks and related standards (e.g., Information Technology Infrastructure Library, current version [ITIL]).	Enterprise Architecture
K0120	Knowledge of how information needs and collection requirements are translated, tracked, and prioritized across the extended enterprise.	Information Management
S0372	Skill to translate, track, and prioritize information needs and intelligence collection requirements across the extended enterprise.	Information Management
K0004	Knowledge of cybersecurity and privacy principles.	Information Systems/Network Security
S0038	Skill in identifying measures or indicators of system performance and the actions needed to improve or correct performance, relative to the goals of the system.	Information Technology Assessment
S0085	Skill in conducting audits or reviews of technical systems.	Information Technology Assessment

KSA ID	Description	Competency
K0001	Knowledge of computer networking concepts and protocols, and network security methodologies.	Infrastructure Design
K0003	Knowledge of laws, regulations, policies, and ethics as they relate to cybersecurity and privacy.	Legal, Government, and Jurisprudence
K0198	Knowledge of organizational process improvement concepts and process maturity models (e.g., Capability Maturity Model Integration (CMMI) for Development, CMMI for Services, and CMMI for Acquisitions).	Process Control
K0072	Knowledge of resource management principles and techniques.	Project Management
K0002	Knowledge of risk management processes (e.g., methods for assessing and mitigating risk).	Risk Management
K0048	Knowledge of Risk Management Framework (RMF) requirements.	Risk Management
K0154	Knowledge of supply chain risk management standards, processes, and practices.	Risk Management
K0165	Knowledge of risk/threat assessment.	Risk Management
K0169	Knowledge of information technology (IT) supply chain security and supply chain risk management policies, requirements, and procedures.	Risk Management
K0090	Knowledge of system life cycle management principles, including software security and usability.	Systems Integration
K0148	Knowledge of import/export control regulations and responsible agencies for the purposes of reducing supply chain risk.	Third Party Oversight/Acquisition Management
K0005	Knowledge of cyber threats and vulnerabilities.	Vulnerabilities Assessment
K0006	Knowledge of specific operational impacts of cybersecurity lapses.	Vulnerabilities Assessment

Table 16. T0412 Task Analysis

Proficiency	Task Statement	Importance
As Written within Framework	Conduct import/export reviews for acquiring systems and software.	Core
Entry	<i>Support someone conducting import/export reviews for acquiring systems and software.</i>	
Intermediate	<i>Conduct import/export reviews for acquiring systems and software.</i>	
Advanced	<i>Lead those conducting import/export reviews for acquiring systems and software.</i>	

Table 17. Primary Knowledge, Skills, and Abilities Required to Perform the above Task

KSA ID	Description	Competency
K0126	Knowledge of Supply Chain Risk Management Practices (NIST SP 800-161)	Contracting/Procurement
K0257	Knowledge of information technology (IT) acquisition/procurement requirements.	Contracting/Procurement
K0270	Knowledge of the acquisition/procurement life cycle process.	Contracting/Procurement
A0056	Ability to ensure security practices are followed throughout the acquisition process.	Contracting/Procurement
K0043	Knowledge of industry-standard and organizationally accepted analysis principles and methods.	Data Analysis
K0047	Knowledge of information technology (IT) architectural concepts and frameworks.	Enterprise Architecture
K0200	Knowledge of service management concepts for networks and related standards (e.g., Information Technology Infrastructure Library, current version [ITIL]).	Enterprise Architecture
K0120	Knowledge of how information needs and collection requirements are translated, tracked, and prioritized across the extended enterprise.	Information Management
S0372	Skill to translate, track, and prioritize information needs and intelligence collection requirements across the extended enterprise.	Information Management
K0004	Knowledge of cybersecurity and privacy principles.	Information Systems/Network Security
S0038	Skill in identifying measures or indicators of system performance and the actions needed to improve or correct performance, relative to the goals of the system.	Information Technology Assessment
S0085	Skill in conducting audits or reviews of technical systems.	Information Technology Assessment
K0001	Knowledge of computer networking concepts and protocols, and network security methodologies.	Infrastructure Design
K0003	Knowledge of laws, regulations, policies, and ethics as they relate to cybersecurity and privacy.	Legal, Government, and Jurisprudence

KSA ID	Description	Competency
K0198	Knowledge of organizational process improvement concepts and process maturity models (e.g., Capability Maturity Model Integration (CMMI) for Development, CMMI for Services, and CMMI for Acquisitions).	Process Control
K0072	Knowledge of resource management principles and techniques.	Project Management
K0002	Knowledge of risk management processes (e.g., methods for assessing and mitigating risk).	Risk Management
K0048	Knowledge of Risk Management Framework (RMF) requirements.	Risk Management
K0154	Knowledge of supply chain risk management standards, processes, and practices.	Risk Management
K0165	Knowledge of risk/threat assessment.	Risk Management
K0169	Knowledge of information technology (IT) supply chain security and supply chain risk management policies, requirements, and procedures.	Risk Management
K0235	Knowledge of how to leverage research and development centers, think tanks, academic research, and industry systems.	Strategic Planning
K0090	Knowledge of system life cycle management principles, including software security and usability.	Systems Integration
K0148	Knowledge of import/export control regulations and responsible agencies for the purposes of reducing supply chain risk.	Third Party Oversight/Acquisition Management
K0005	Knowledge of cyber threats and vulnerabilities.	Vulnerabilities Assessment
K0006	Knowledge of specific operational impacts of cybersecurity lapses.	Vulnerabilities Assessment