Form E R1 OMB#1205-0421 Expires: 9/30/2018 Ver. 1/2015

# Some Important Questions About The *Knowledge* Required For The Occupation





Please return your completed questionnaire in the enclosed envelope to: RTI Research Operations Center, 5265 Capital Blvd. Raleigh, NC 27616-2925 Sponsored by: The U.S. Department of Labor and the National O\*NET Consortium Persons are not required to respond to this collection of information unless it displays a currently valid OMB control number. Respondents' obligation to reply to these reporting requirements is voluntary. Public reporting burden for this collection of information is estimated to average 25 minutes per response, including the time for reviewing instructions, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to the U.S. Department of Labor, Office of Workforce Investment, Attn: O\*NET Project, Frances Perkins Building, Mail Stop C4526, 200 Constitution Ave., NW, Washington, DC 20210 (OMB Control Number 1205-0421).

Return to: Research Triangle Institute Research Operations Center ATTN: O\*NET Data Receipt 5265 Capital Boulevard Raleigh, NC 27616-2925

### **Instructions for Making Knowledge Ratings**

These questions are about work-related areas of knowledge. <u>Knowledge areas</u> are sets of facts and principles needed to address problems and issues that are part of a job. You will be asked about a series of different areas of knowledge and how they relate to workers in the occupation. As an occupation expert, first consider the different knowledge areas needed by workers to perform the occupation. Then, with this information in mind, please answer each question as if you were performing work that is typical of the occupation.

Each knowledge area in this questionnaire is named and defined.

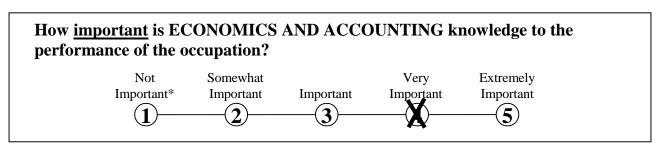
For example:

You are then asked two questions about each knowledge area:



How important is the knowledge area to the performance of the occupation?

For example:



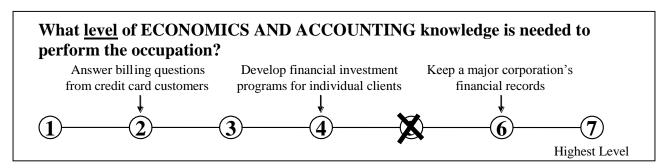
Mark your answer by putting an **X** through the number that represents your answer.

Do not mark on the line between the numbers.

\*If you rate the knowledge area as Not Important to the performance of the occupation, mark the one [X] then skip over question B and proceed to the next knowledge area.



To help you understand what we mean by level, we provide you with examples of job-related activities at different levels. For example:



# 1. Administration and Management

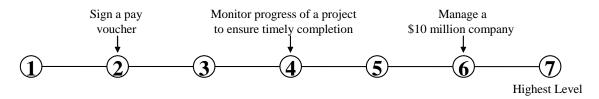
Knowledge of business and management principles involved in strategic planning, resource allocation, human resources modeling, leadership technique, production methods, and coordination of people and resources.

# A. How <u>important</u> is ADMINISTRATION AND MANAGEMENT knowledge to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

# B. What <u>level</u> of ADMINISTRATION AND MANAGEMENT knowledge is needed to perform the occupation?



### 2. Clerical

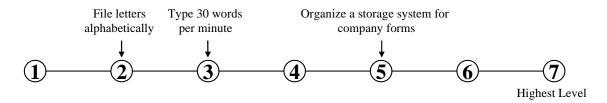
Knowledge of administrative and clerical procedures and systems such as word processing, managing files and records, stenography and transcription, designing forms, and other office procedures and terminology.

### A. How important is CLERICAL knowledge to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

#### B. What level of CLERICAL knowledge is needed to perform the occupation?



# 3. Economics and Accounting

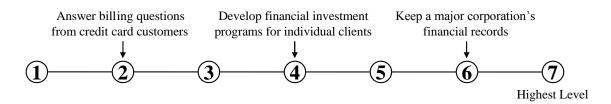
Knowledge of economic and accounting principles and practices, the financial markets, banking, and the analysis and reporting of financial data.

# A. How <u>important</u> is ECONOMICS AND ACCOUNTING knowledge to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

# B. What <u>level</u> of ECONOMICS AND ACCOUNTING knowledge is needed to perform the occupation?



# 4. Sales and Marketing

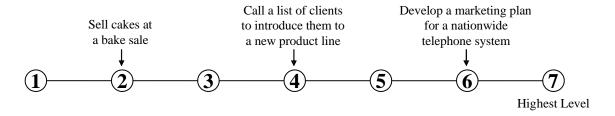
Knowledge of principles and methods for showing, promoting, and selling products or services. This includes marketing strategy and tactics, product demonstration, sales techniques, and sales control systems.

#### A. How important is SALES AND MARKETING knowledge to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

### B. What <u>level</u> of SALES AND MARKETING knowledge is needed to perform the occupation?



# 5. Customer and Personal Service

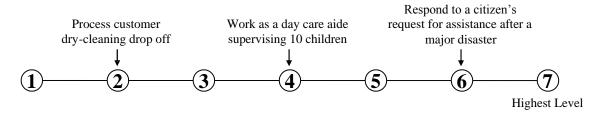
Knowledge of principles and processes for providing customer and personal services. This includes customer needs assessment, meeting quality standards for services, and evaluation of customer satisfaction.

# A. How <u>important</u> is CUSTOMER AND PERSONAL SERVICE knowledge to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

# B. What <u>level</u> of CUSTOMER AND PERSONAL SERVICE knowledge is needed to perform the occupation?



# 6. Personnel and Human Resources

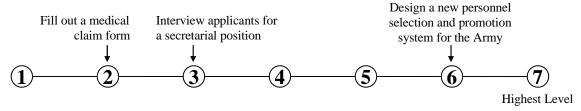
Knowledge of principles and procedures for personnel recruitment, selection, training, compensation and benefits, labor relations and negotiation, and personnel information systems.

# A. How <u>important</u> is knowledge of PERSONNEL AND HUMAN RESOURCES to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

# B. What <u>level</u> of PERSONNEL AND HUMAN RESOURCES knowledge is needed to perform the occupation?



# 7. Production and Processing

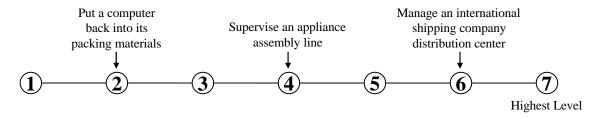
Knowledge of raw materials, production processes, quality control, costs, and other techniques for maximizing the effective manufacture and distribution of goods.

# A. How <u>important</u> is knowledge of PRODUCTION AND PROCESSING to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

# B. What <u>level</u> of PRODUCTION AND PROCESSING knowledge is needed to perform the occupation?



### 8. Food Production

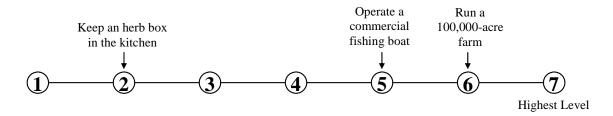
Knowledge of techniques and equipment for planting, growing, and harvesting food products (both plant and animal) for consumption, including storage/ handling techniques.

### A. How important is knowledge of FOOD PRODUCTION to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

### B. What <u>level</u> of FOOD PRODUCTION knowledge is needed to perform the occupation?



# 9. Computers and Electronics

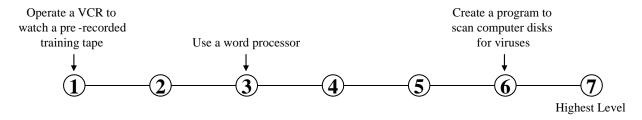
Knowledge of circuit boards, processors, chips, electronic equipment, and computer hardware and software, including applications and programming.

# A. How <u>important</u> is knowledge of COMPUTERS AND ELECTRONICS to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

# B. What <u>level</u> of knowledge of COMPUTERS AND ELECTRONICS is needed to perform the occupation?



# 10. Engineering and Technology

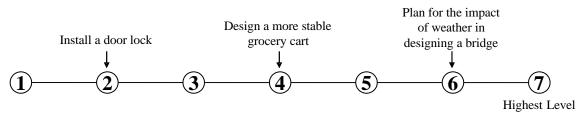
Knowledge of the practical application of engineering science and technology. This includes applying principles, techniques, procedures, and equipment to the design and production of various goods and services.

# A. How <u>important</u> is knowledge of ENGINEERING AND TECHNOLOGY to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

# B. What <u>level</u> of knowledge of ENGINEERING AND TECHNOLOGY is needed to perform the occupation?



# 11. Design

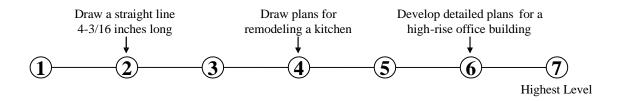
Knowledge of design techniques, tools, and principles involved in production of precision technical plans, blueprints, drawings, and models.

### A. How important is knowledge of DESIGN to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

#### B. What <u>level</u> of knowledge of DESIGN is needed to perform the occupation?



# 12. Building and Construction

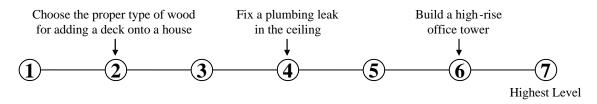
Knowledge of materials, methods, and the tools involved in the construction or repair of houses, buildings, or other structures such as highways and roads.

# A. How <u>important</u> is knowledge of BUILDING AND CONSTRUCTION to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

# B. What <u>level</u> of BUILDING AND CONSTRUCTION knowledge is needed to perform the occupation?



# 13. Mechanical

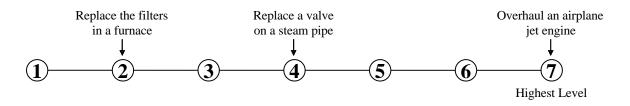
Knowledge of machines and tools, including their designs, uses, repair, and maintenance.

### A. How important is MECHANICAL knowledge to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

#### B. What <u>level</u> of MECHANICAL knowledge is needed to perform the occupation?



### 14. Mathematics

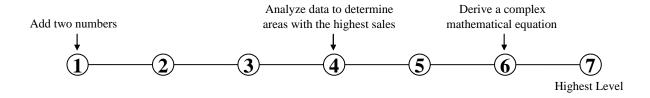
Knowledge of arithmetic, algebra, geometry, calculus, statistics, and their applications.

### A. How important is knowledge of MATHEMATICS to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

### B. What <u>level</u> of knowledge of MATHEMATICS is needed to perform the occupation?



# 15. Physics

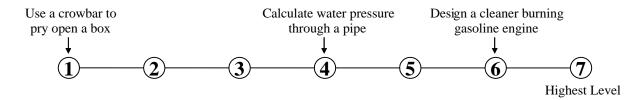
Knowledge and prediction of physical principles, laws, their interrelationships, and applications to understanding fluid, material, and atmospheric dynamics, and mechanical, electrical, atomic and sub-atomic structures and processes.

#### A. How important is knowledge of PHYSICS to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

### B. What <u>level</u> of PHYSICS knowledge is needed to perform the occupation?



# 16. Chemistry

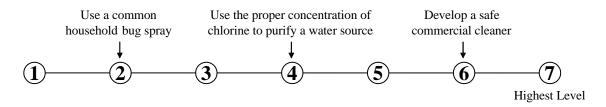
Knowledge of the chemical composition, structure, and properties of substances and of the chemical processes and transformations that they undergo. This includes uses of chemicals and their interactions, danger signs, production techniques, and disposal methods.

#### A. How important is knowledge of CHEMISTRY to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

#### B. What level of CHEMISTRY knowledge is needed to perform the occupation?



# 17. Biology

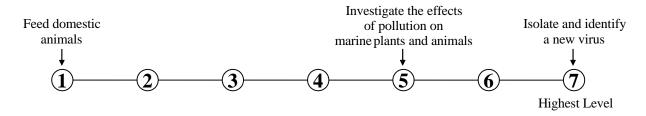
Knowledge of plant and animal organisms and their tissues, cells, functions, interdependencies, and interactions with each other and the environment.

### A. How important is knowledge of BIOLOGY to the performance of the occupation?

Not	Somewhat		Very	Extremely
Important*	Important	Important	Important	Important
1				
T.	4	<u> </u>	4	<u> </u>

<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

#### B. What <u>level</u> of BIOLOGY knowledge is needed to perform the occupation?



# 18. Psychology

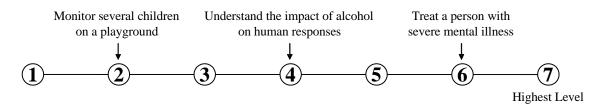
Knowledge of human behavior and performance; individual differences in ability, personality, and interests; learning and motivation; psychological research methods; and the assessment and treatment of behavioral and affective disorders.

### A. How important is knowledge of PSYCHOLOGY to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

#### B. What <u>level</u> of PSYCHOLOGY knowledge is needed to perform the occupation?



# 19. Sociology and Anthropology

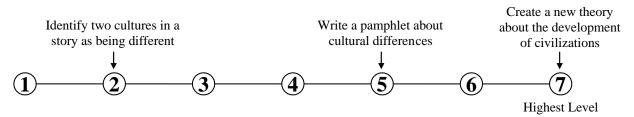
Knowledge of group behavior and dynamics, societal trends and influences, human migrations, ethnicity, cultures, and their history and origins.

# A. How <u>important</u> is knowledge of SOCIOLOGY AND ANTHROPOLOGY to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

# B. What <u>level</u> of knowledge of SOCIOLOGY AND ANTHROPOLOGY is needed to perform the occupation?



# 20. Geography

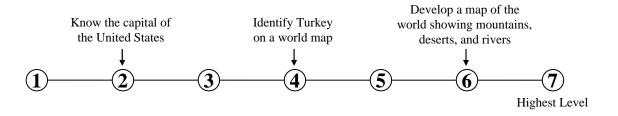
Knowledge of principles and methods for describing the features of land, sea, and air masses, including their physical characteristics, locations, interrelationships, and distribution of plant, animal, and human life.

### A. How important is knowledge of GEOGRAPHY to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

### B. What <u>level</u> of knowledge of GEOGRAPHY is needed to perform the occupation?



# 21. Medicine and Dentistry

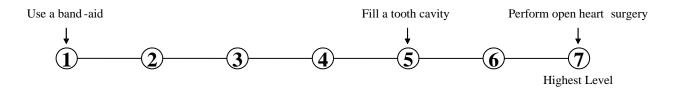
Knowledge of the information and techniques needed to diagnose and treat human injuries, diseases, and deformities. This includes symptoms, treatment alternatives, drug properties and interactions, and preventive health-care measures.

# A. How <u>important</u> is knowledge of MEDICINE AND DENTISTRY to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

#### B. What level of MEDICINE AND DENTISTRY knowledge is needed to perform the occupation?



# 22. Therapy and Counseling

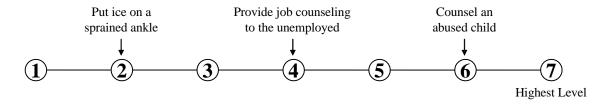
Knowledge of principles, methods, and procedures for diagnosis, treatment, and rehabilitation of physical and mental dysfunctions, and for career counseling and guidance.

# A. How <u>important</u> is knowledge of THERAPY AND COUNSELING to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

### B. What <u>level</u> of THERAPY AND COUNSELING knowledge is needed to perform the occupation?



# 23. Education and Training

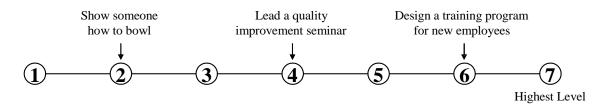
Knowledge of principles and methods for curriculum and training design, teaching and instruction for individuals and groups, and the measurement of training effects.

# A. How <u>important</u> is knowledge of EDUCATION AND TRAINING to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

#### B. What level of EDUCATION AND TRAINING knowledge is needed to perform the occupation?



# 24. English Language

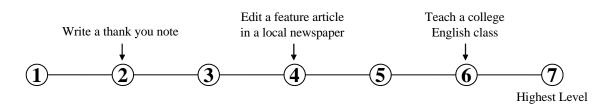
Knowledge of the structure and content of the English language including the meaning and spelling of words, rules of composition, and grammar.

# A. How <u>important</u> is knowledge of the ENGLISH LANGUAGE to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

#### B. What level of ENGLISH LANGUAGE knowledge is needed to perform the occupation?



# 25. Foreign Language

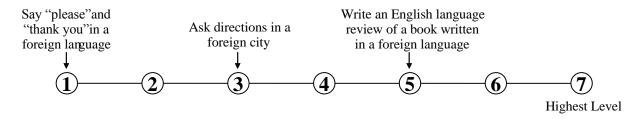
Knowledge of the structure and content of a foreign (non-English) language including the meaning and spelling of words, rules of composition and grammar, and pronunciation.

#### A. How important is knowledge of a FOREIGN LANGUAGE to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

### B. What level of FOREIGN LANGUAGE knowledge is needed to perform the occupation?



### 26. Fine Arts

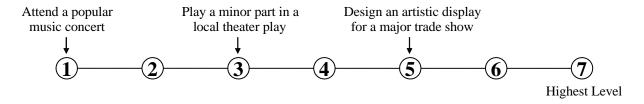
Knowledge of the theory and techniques required to compose, produce, and perform works of music, dance, visual arts, drama, and sculpture.

### A. How important is knowledge of FINE ARTS to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

#### B. What level of FINE ARTS knowledge is needed to perform the occupation?



# 27. History and Archeology

Knowledge of historical events and their causes, indicators, and effects on civilizations and cultures.

# A. How <u>important</u> is knowledge of HISTORY AND ARCHEOLOGY to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

# B. What <u>level</u> of knowledge of HISTORY AND ARCHEOLOGY is needed to perform the occupation?



# 28. Philosophy and Theology

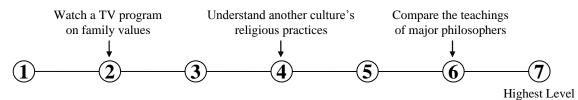
Knowledge of different philosophical systems and religions. This includes their basic principles, values, ethics, ways of thinking, customs, practices, and their impact on human culture.

# A. How <u>important</u> is knowledge of PHILOSOPHY AND THEOLOGY to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

# **B.** What <u>level</u> of knowledge of PHILOSOPHY AND THEOLOGY is needed to perform the occupation?



# 29. Public Safety and Security

Knowledge of relevant equipment, policies, procedures, and strategies to promote effective local, state, or national security operations for the protection of people, data, property, and institutions.

# A. How <u>important</u> is PUBLIC SAFETY AND SECURITY knowledge to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

# B. What <u>level</u> of PUBLIC SAFETY AND SECURITY knowledge is needed to perform the occupation?



# 30. Law and Government

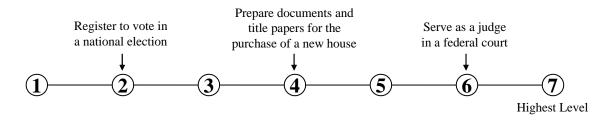
Knowledge of laws, legal codes, court procedures, precedents, government regulations, executive orders, agency rules, and the democratic political process.

# A. How <u>important</u> is knowledge of LAW AND GOVERNMENT to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

#### B. What <u>level</u> of knowledge of LAW AND GOVERNMENT is needed to perform the occupation?



# 31. Telecommunications

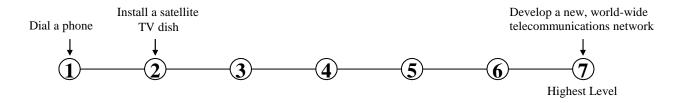
Knowledge of transmission, broadcasting, switching, control, and operation of telecommunications systems.

# A. How <u>important</u> is knowledge of TELECOMMUNICATIONS to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

#### B. What level of TELECOMMUNICATIONS knowledge is needed to perform the occupation?



# 32. Communications and Media

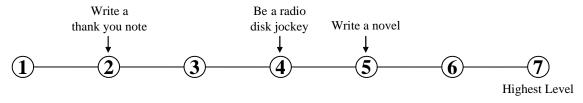
Knowledge of media production, communication, and dissemination techniques and methods. This includes alternative ways to inform and entertain via written, oral, and visual media.

# A. How <u>important</u> is knowledge of COMMUNICATIONS AND MEDIA to the performance of the occupation?



<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

# B. What <u>level</u> of COMMUNICATIONS AND MEDIA knowledge is needed to perform the occupation?



# 33. Transportation

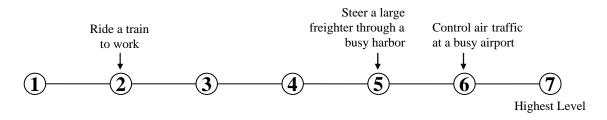
Knowledge of principles and methods for moving people or goods by air, rail, sea, or road, including the relative costs and benefits.

### A. How important is knowledge of TRANSPORTATION to the performance of the occupation?

Somewhat		Very	Extremely
Important	Important	Important	Important
<u></u>	<b>3</b>	<b>—</b> (4)—	<u> </u>

<sup>\*</sup> If you marked Not Important, skip LEVEL below and go on to the next knowledge area.

### B. What <u>level</u> of TRANSPORTATION knowledge is needed to perform the occupation?



PLEASE CONTINUE ON NEXT PAGE

# **Instructions for Completing Education and Training Questions**

In these questions, you are asked about the education and experience requirements for the occupation. Please read each question carefully and mark your answer by putting an **X** in the box beside your one best answer.

### **REQUIRED LEVEL OF EDUCATION**

igh School Diploma – or the equivalent (for example, GED)  ost-Secondary Certificate – awarded for training completed after high chool (for example, in agriculture or natural resources, computer services, ersonal or culinary services, engineering technologies, healthcare, enstruction trades, mechanic and repair technologies, or precision roduction)  ome College Courses  ssociate's Degree (or other 2-year degree)  achelor's Degree  ost-Baccalaureate Certificate - awarded for completion of an organized rogram of study; designed for people who have completed a Baccalaureate
ost-Secondary Certificate – awarded for training completed after high chool (for example, in agriculture or natural resources, computer services, ersonal or culinary services, engineering technologies, healthcare, enstruction trades, mechanic and repair technologies, or precision roduction)  ome College Courses  ssociate's Degree (or other 2-year degree)  achelor's Degree  ost-Baccalaureate Certificate - awarded for completion of an organized
chool (for example, in agriculture or natural resources, computer services, ersonal or culinary services, engineering technologies, healthcare, onstruction trades, mechanic and repair technologies, or precision roduction)  ome College Courses  ssociate's Degree (or other 2-year degree)  achelor's Degree  ost-Baccalaureate Certificate - awarded for completion of an organized
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achelor's Degree ost-Baccalaureate Certificate - awarded for completion of an organized
ost-Baccalaureate Certificate - awarded for completion of an organized
egree but do not meet the requirements of academic degrees carrying the le of Master.
aster's Degree
ost-Master's Certificate - awarded for completion of an organized rogram of study; designed for people who have completed a Master's egree but do not meet the requirements of academic degrees at the octoral level.
irst Professional Degree - awarded for completion of a program that requires at least 2 years of college work before entrance into the program, includes a total of at least 6 academic years of work to complete, and
provides all remaining academic requirements to begin practice in a
provides all remaining academic requirements to begin practice in a profession.  octoral Degree

35.	If someone were being hired to perform the occupation, how much RELATED WORK EXPERIENCE would be required? (That is, having other jobs that prepare the worker for the job.)
	None
	Up to and including 1 month
	Over 1 month, up to and including 3 months
	Over 3 months, up to and including 6 months
	Over 6 months, up to and including 1 year
	Over 1 year, up to and including 2 years
	Over 2 years, up to and including 4 years
	Over 4 years, up to and including 6 years
	Over 6 years, up to and including 8 years
	Over 8 years, up to and including 10 years
	Over 10 years
36.	If someone were being hired to perform the occupation, how much ON-SITE OR IN-PLANT TRAINING would be required? (That is, organized classroom study provided by the employer.)
	None
	Up to and including 1 month
	Over 1 month, up to and including 3 months
	Over 3 months, up to and including 6 months
	Over 6 months, up to and including 1 year
	Over 1 year, up to and including 2 years
	Over 2 years, up to and including 4 years
	Over 4 years, up to and including 10 years
	Over 10 years

37.	If someone were being hired to perform the occupation, how much ON-THE- JOB TRAINING would be required? (That is, serving as a learner or trainee on the job under instruction of a more experienced worker.)
	None or short demonstration
	Anything beyond short demonstration, up to and including 1 month
	Over 1 month, up to and including 3 months
	Over 3 months, up to and including 6 months
	Over 6 months, up to and including 1 year
	Over 1 year, up to and including 2 years
	Over 2 years, up to and including 4 years
	Over 4 years, up to and including 10 years
	Over 10 years
38.	If someone were being hired to perform the occupation, how important would it be to hold a job-related professional certification?
	Not important
	Somewhat important
	☐ Important
	Very important
	Extremely important
39.	How important is it to have completed a <u>job-related apprenticeship</u> to successfully perform the occupation?
	Not important
	Somewhat important
	☐ Important
	Very important
	Extremely important

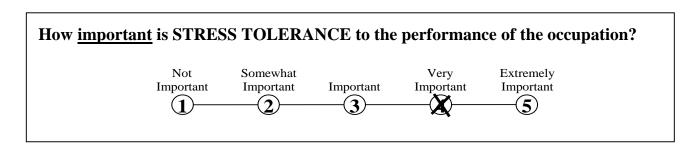
### **Instructions for Making Work Style Ratings**

These questions are about work styles. A **Work Style** is a personal characteristic. You will be asked about a series of different work styles and how they relate to the occupation. As an occupation expert, first consider the different work styles needed by workers to perform the occupation. Then, with this information in mind, please answer each question as if you were performing work typical of the occupation.

First, each work style is named and defined. For example:



Then you are asked *How important* is this characteristic to the performance of the occupation? For example:



Mark your answer by putting an **X** through the number that represents your answer. Do not mark on the line between the numbers.

### 40. Achievement/Effort

Job requires establishing and maintaining personally challenging achievement goals and exerting effort toward mastering tasks.

How important is ACHIEVEMENT/EFFORT to the performance of the occupation?



### 41. Persistence

Job requires persistence in the face of obstacles.

How important is PERSISTENCE to the performance of the occupation?



# 42. Initiative

Job requires a willingness to take on responsibilities and challenges.

How important is INITIATIVE to the performance of the occupation?



# 43. Leadership

Job requires a willingness to lead, take charge, and offer opinions and direction.

How <u>important</u> is LEADERSHIP to the performance of the occupation?

Not	Somewhat		Very	Extremely
Important	Important	Important	Important	Important
$oldsymbol{\mathbb{L}}$	4	<b>3</b>	4	(3)

# 44. Cooperation

Job requires being pleasant with others and displaying a good-natured, cooperative attitude.

How important is COOPERATION to the performance of the occupation?



### 45. Concern for Others

Job requires being sensitive to others' needs and feelings, and being understanding and helpful to others.

How important is CONCERN FOR OTHERS to the performance of the occupation?



### 46. Social Orientation

Job requires preferring to work with others rather than alone, and being personally connected with others.

How important is SOCIAL ORIENTATION to the performance of the occupation?



### 47. Self-Control

Job requires maintaining composure, keeping emotions in check, controlling anger, and avoiding aggressive behavior, even in very difficult situations.

How important is SELF-CONTROL to the performance of the occupation?

Not	Somewhat		Very	Extremely
Important	Important	Important	Important	Important
1				
$oldsymbol{\mathbb{T}}$	4	<b>9</b>	4	<b>3</b>

### 48. Stress Tolerance

Job requires accepting criticism and dealing calmly and effectively with high-stress situations.

How important is STRESS TOLERANCE to the performance of the occupation?



# 49. Adaptability/Flexibility

Job requires being open to change (positive or negative) and to considerable variety in the workplace.

How important is ADAPTABILITY/FLEXIBILITY to the performance of the occupation?



# 50. Dependability

Job requires being reliable, responsible, and dependable, and fulfilling obligations.

How important is DEPENDABILITY to the performance of the occupation?



# 51. Attention to Detail

Job requires being careful about details and thorough in completing tasks.

How important is ATTENTION TO DETAIL to the performance of the occupation?



# 52. Integrity

Job requires being honest and ethical.

How important is INTEGRITY to the performance of the occupation?



### 53. Independence

Job requires developing one's own ways of doing things, guiding oneself with little or no supervision, and depending on oneself to get things done.

How important is INDEPENDENCE to the performance of the occupation?



### 54. Innovation

Job requires creativity and alternative thinking to develop new ideas for and answers to work-related problems.

How important is INNOVATION to the performance of the occupation?



# 55. Analytical Thinking

Job requires analyzing information and using logic to address work-related issues and problems.

How important is ANALYTICAL THINKING to the performance of the occupation?

