1. Personal Qualities and People Skills					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
Demonstrate a positive work ethic by coming to work every day on time, a willingness to take	0	3	12	2.80	15
direction, and motivation to accomplish the task at hand.					
Demonstrate integrity by abiding by workplace policies and laws and demonstrating honesty and reliability.	1	2	12	2.73	15
Demonstrate teamwork skills by contributing to the success of the team, assisting others, and requesting help when needed.	2	6	7	2.33	15
Demonstrate positive self-representation skills by dressing appropriately and using language and manners suitable for the workplace.	2	7	6	2.27	15
Demonstrate diversity awareness by working well with all customers and co-workers.	0	10	5	2.33	15
Demonstrate conflict-resolution skills by negotiating diplomatic solutions to interpersonal and workplace issues.	6	2	7	2.07	15
Demonstrate creativity and resourcefulness by contributing new ideas and working with initiative.	5	5	5	2.00	15
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				question	
2. Professional Knowledge and Skills					
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
Demonstrate effective speaking and listening skills by communicating effectively with customers and employees and following directions.	1	8	6	2.33	15
Demonstrate effective reading and writing skills by reading and interpreting workplace documents and writing clearly.	1	6	8	2.47	15
Demonstrate critical-thinking and problem- solving skills by analyzing and resolving problems that arise in completing assigned tasks.	1	6	8	2.47	15

Demonstrate healthy behaviors and safety skills by following safety guidelines and managing personal health. 1 4 10 2.60 15 Demonstrate understanding of workplace organizations, systems, and climates by identifying "big picture" issues and fulfilling the mission of the workplace. 1 10 4 2.20 15 Demonstrate Understanding of workplace. 1 10 4 2.20 15 Demonstrate Understanding on workplace. 1 10 4 2.20 15 Demonstrate Understanding new industry-related information and improving professional skills. 3 9 3 2.00 15 Demonstrate ijob acquisition and advancement skills by organizing and implementing a productive plan of work. 6 6 3 1.80 15 Demonstrate mathematical skills by using mathematical reasoning to accomplish tasks. 0 4 11 2.73 15 Demonstrate customer service skills by identifying and addressing the needs of all customers and providing helpful, courteous, and knowledgeable service. 3 8 4 2.07 15 Demonstrate proficiency with job-specific technologies by selecting and asfely using echnological resources to accomplish work responsibilities in a productive manner. 10 10 2.27 <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>							
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telecommunications by selecting and using		Demonstrate proficiency with job-specific technologies by selecting and safely using technological resources to accomplish work responsibilities in a productive manner. Demonstrate proficiency with information technology by using computers, file management techniques, and software/programs effectively. Demonstrate proper Internet use and security by	<u>Кпоw</u> 2 3	Know 7 8	Know 6 4	Average 2.27 2.07	Count 15 15
telecommunications by selecting and using		Demonstrate proficiency with job-specific technologies by selecting and safely using technological resources to accomplish work responsibilities in a productive manner. Demonstrate proficiency with information technology by using computers, file management techniques, and software/programs effectively. Demonstrate proper Internet use and security by	<u>Кпоw</u> 2 3	Know 7 8	Know 6 4	Average 2.27 2.07	Count 15 15
telecommunications by selecting and using		Demonstrate proficiency with job-specific technologies by selecting and safely using technological resources to accomplish work responsibilities in a productive manner. Demonstrate proficiency with information technology by using computers, file management techniques, and software/programs effectively. Demonstrate proper Internet use and security by	<u>Кпоw</u> 2 3 5	Know 7 8 4	<u>Кпоw</u> 6 4 6	Average 2.27 2.07 2.07	Count 15 15 15
		Demonstrate proficiency with job-specific technologies by selecting and safely using technological resources to accomplish work responsibilities in a productive manner. Demonstrate proficiency with information technology by using computers, file management techniques, and software/programs effectively. Demonstrate proper Internet use and security by using the Internet appropriately for work.	<u>Кпоw</u> 2 3 5	Know 7 8 4	<u>Кпоw</u> 6 4 6	Average 2.27 2.07 2.07	Count 15 15 15
ן מארי איז איז איז איז איז איז איז איז איז אי		Demonstrate proficiency with job-specific technologies by selecting and safely using technological resources to accomplish work responsibilities in a productive manner. Demonstrate proficiency with information technology by using computers, file management techniques, and software/programs effectively. Demonstrate proper Internet use and security by using the Internet appropriately for work.	<u>Кпоw</u> 2 3 5	Know 7 8 4	<u>Кпоw</u> 6 4 6	Average 2.27 2.07 2.07	Count 15 15 15
		Demonstrate proficiency with job-specific technologies by selecting and safely using technological resources to accomplish work responsibilities in a productive manner. Demonstrate proficiency with information technology by using computers, file management techniques, and software/programs effectively. Demonstrate proper Internet use and security by using the Internet appropriately for work.	<u>Кпоw</u> 2 3 5	Know 7 8 4	<u>Кпоw</u> 6 4 6	Average 2.27 2.07 2.07	Count 15 15 15
		Demonstrate proficiency with job-specific technologies by selecting and safely using technological resources to accomplish work responsibilities in a productive manner. Demonstrate proficiency with information technology by using computers, file management techniques, and software/programs effectively. Demonstrate proper Internet use and security by using the Internet appropriately for work.	<u>Кпоw</u> 2 3 5	Know 7 8 4	<u>Кпоw</u> 6 4 6	Average 2.27 2.07 2.07	Count 15 15 15
		Demonstrate proficiency with job-specific technologies by selecting and safely using technological resources to accomplish work responsibilities in a productive manner. Demonstrate proficiency with information technology by using computers, file management techniques, and software/programs effectively. Demonstrate proper Internet use and security by using the Internet appropriately for work.	<u>Кпоw</u> 2 3 5	Know 7 8 4	<u>Кпоw</u> 6 4 6	Average 2.27 2.07 2.07	Count 15 15 15

				answered		15
			-	skipped	question	C
CONTE	NT STANDARD 1: LAB ORGANIZATION AND SA	FETY S	KILLS			
	Performance Standard 1.1: General Safety					_
	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating	Response Count
1.1.1.	Describe general shop safety rules, procedures	1	4	10	Average 2.60	15
	and housekeeping duties.					
1.1.2.	Demonstrate knowledge of OSHA/EPA and their role in workplace safety.	3	5	7	2.27	15
1.1.3.	Comply with the required use of safety glasses, ear protection, gloves, and shoes during lab/shop activities (i.e., personal protection equipment - PPE).	2	1	12	2.67	15
1.1.4.	Utilize safe procedures for handling of tools and equipment.	1	0	14	2.87	15
1.1.5.	Operate lab equipment according to safety guidelines.	1	2	12	2.73	15
1.1.6.	Identify and use proper lifting procedures and proper use of support equipment.	1	5	9	2.53	15
1.1.7.	Utilize proper ventilation procedures for working within the lab/shop area.	1	3	11	2.67	15
1.1.8.	Identify the location and the types of fire extinguishers and other fire safety equipment; demonstrate knowledge of the procedures for using fire extinguishers and other fire safety equipment.	1	6	8	2.47	15
1.1.9.	Identify the location and use of eye wash stations.	1	5	9	2.53	15
1.1.10.	Identify the location of the posted evacuation routes.	2	4	9	2.47	15
1.1.11.	Identify and wear appropriate clothing for lab/shop activities.	0	7	8	2.53	15
1.1.12.	Secure hair and jewelry for lab/shop activities.	0	4	11	2.73	15
1.1.13.	Locate and interpret safety data sheets (SDS).	4	8	3	1.93	15

T.	appropriate power tools and equipment.					
2.2.4.	Demonstrate safe handling and use of	0	3	12	2.80	15
2.2.3.	Demonstrate the proper techniques when using power tools and equipment.	0	2	13	2.87	15
2.2.2.	Identify equipment and their appropriate usage.	0	2	13	2.87	15
2.2.1.	Identify power tools and their appropriate usage.	0	3	12	2.80	15
	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
	Performance Standard 2.2: Power Tools and Equ		I NI - 7 -			D
					94004011	0
				answered skinned	question question	15 0
2.1.4.	Demonstrate proper cleaning, storage, and maintenance of tools.	0	/			
2.1.3.	Demonstrate safe handling and use of appropriate tools.	0	2	13	2.87	15
2.1.2.	Demonstrate the proper techniques when using hand tools.	0	2	13	2.87	15
2.1.1.	Answer Options Identify hand tools and their appropriate usage.	Know	Know 5	Know 10	Average 2.67	Count 15
	Performance Standard 2.1: Hand Tools	Nice to	Need to	Critical to	Rating	Response
CONTE	ENT STANDARD 2: MANUAL AND POWER TOOL	.S				
				<i>sкippea</i>	question	0
				answered		15
1.1.17.	Review worker's rights and responsibilities.	4	8	3	1.93	15
1.1.16.	Recommend attendance of OSHA 10-hr safety course.	4	8	3	1.93	15
1.1.15.	Follow written instructions to complete work assignments.	1	4	10	2.60	15
1.1.14.	Follow verbal instructions to complete work assignments.	1	3	11	2.67	15

005		0	7	8	2.53	15		
2.2.5.	Demonstrate proper cleaning, storage, and	0	/	0	2.55	15		
	maintenance of power tools and equipment.							
2.2.6.	Determine cut speeds and feed rates.	3	4	8	2.33	15		
				anguarad	quantian	15		
				answered	question	15		
		1	1	зкіррец	question	0		
CONT	L ENT STANDARD 3: FUNDAMENTAL DESIGN							
	Performance Standard 3.1: Elements of Design							
	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count		
3.1.1.	Explain the history and characteristics of cabinetry and furniture design styles.	11	3	1	1.33	15		
3.1.2.	Identify needs and wants in cabinets and furniture in everyday living.	9	5	1	1.47	15		
3.1.3.	Describe the relationship between the function and form of a cabinet or piece of furniture.	4	9	2	1.87	15		
3.1.4.	Identify various cabinet styles and components.	4	7	4	2.00	15		
3.1.5.	Identify common sizes in relation to furniture and cabinets.	7	4	4	1.80	15		
3.1.6.	Discuss elements of design (e.g., shapes, textures, lines, colors, etc.).	9	4	2	1.53	15		
3.1.7.	Discuss principles of design (e.g., harmony, symmetry, repetitions, balance, proportion, etc.).	12	1	2	1.33	15		
3.1.8.	Identify and describe Americans with Disabilities Act (ADA) requirements when applicable.	6	6	3	1.80	15		
3.1.9.	Utilize client requirements and specifications to create a finish product.	1	8	6	2.33	15		
				answered	auestion	15		
					question	0		
		1	1		,			
		t	1		1			
		İ						
		1	1		1			
		1	1	1	1			
		1						

Performance Standard 3.2: Print Reading Technic	ques							
Answer Options	Nice to		Critical to	Rating	Response Count			
Interpret basic elements of a working drawing (e.g., annotation, dimensions, line types, etc.).	0	6	9	2.60	15			
Identify and define industry standard terminology.	1	6	8	2.47	15			
Describe various types of drawings (e.g., working, assembly, pictorial, orthographic, isometric, schematic, etc.).	5	7	3	1.87	15			
Understand dimensioning, sectional drawings, fasteners, tables, charts, and assembly drawings.	3	7	5	2.13	15			
Develop a materials list from a working drawing.	3	9	3	2.00	15			
Develop a construction plan of procedure.	3	9	3	2.00	15			
Develop a cut list from a working drawing.	3	8	4	2.07	15			
Interpret basic elements of a working drawing (e.g., annotation, dimensions, line types, etc.)	0	10	5	2.33	15			
answered question								
skipped question								
Performance Standard 3.3: Measures and Scaling Techniques								
	-	-	Critical to	Rating	Response			
	Know	Know	Know	Average	Count			
Identify industry standard units of measure (e.g., standard, decimal, metric, etc.).	0	3	12	2.80	15			
Define industry standard measurement terms (e.g., linear, square ft., tolerance, squareness, concentricity, perpendicular, parallel, etc.).	0	5	10	2.67	15			
Demonstrate proper use of precision measuring tools (e.g., micrometer, dial-indicator, caliper, etc.).	2	5	7	2.36	14			
Measure to the nearest 1/16th inch with a tape measure.	0	0	15	3.00	15			
Demonstrate the use of geometric shapes (e.g.,	1	7	7	2.40	15			
arcs, circles, angles, compound angles, tapers, etc.).								
			answered	question	15			
	Interpret basic elements of a working drawing (e.g., annotation, dimensions, line types, etc.). Identify and define industry standard terminology. Describe various types of drawings (e.g., working, assembly, pictorial, orthographic, isometric, schematic, etc.). Understand dimensioning, sectional drawings, fasteners, tables, charts, and assembly drawings. Develop a materials list from a working drawing. Develop a construction plan of procedure. Develop a cut list from a working drawing (e.g., annotation, dimensions, line types, etc.) Performance Standard 3.3: Measures and Scalin Answer Options Identify industry standard units of measure (e.g., standard, decimal, metric, etc.). Define industry standard measurement terms (e.g., linear, square ft., tolerance, squareness, concentricity, perpendicular, parallel, etc.). Demonstrate proper use of precision measuring tools (e.g., micrometer, dial-indicator, caliper, etc.). Measure to the nearest 1/16th inch with a tape measure.	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	Performance Standard 3.4: Freehand Technical	Sketching	j Techniq	ues			
	Answer Options	Nice to	Need to	Critical to	Rating	Response	
3.4.1.	Identify industry standard units of measure (e.g., standard, decimal, metric, etc.).	Know 0	Know 4	Know 11	Average 2.73	Count 15	
3.4.2.	Define industry standard measurement terms (e.g., linear, square ft., tolerance, squareness, concentricity, perpendicular, parallel, etc.).	1	6	8	2.47	15	
3.4.3.	Demonstrate proper use of precision measuring tools (e.g., micrometer, dial-indicator, caliper, etc.).	0	6	9	2.60	15	
3.4.4.	Measure to the nearest 1/16th inch with a tape measure.	0	1	14	2.93	15	
3.4.5.	Demonstrate the use of geometric shapes (e.g., arcs, circles, angles, compound angles, tapers, etc.).	1	7	7	2.40	15	
			answered question			15	
			-	skipped	question	0	
	Performance Standard 3.5: Computer Design Te	Chnologie Nice to	S Need to	Critical to	Deting	Deenenee	
	Answer Options	Know	Need to Know	Know	Rating Average	Response Count	
3.5.1.	Introduction to current software programs.	5	8	2	1.80	15	
3.5.2.	Design and create a model.	5	8	2	1.80	15	
3.5.3.	Create shop drawings.	4	8	3	1.93	15	
3.5.4.	Modify and adjust standards within a software program.	6	6	3	1.80	15	
		answered question					
		-	-	skipped	question	0	
	Performance Standard 3.6: Mathematical Conce	Nice to	Need to	Critical to	Rating	Response	
	Answer Options	Know	Know	Know	Average	Count	
3.6.1.	Convert between customary and metric	5	5	5	2.00	15	
	systems.						
3.6.2.	systems. Identify and convert standards and metric designation.	5	5	5	2.00	15	
3.6.2. 3.6.3.	Identify and convert standards and metric	5	5	5	2.00 2.67	15 15	
	Identify and convert standards and metric designation. Add, subtract, multiply and divide fractions,						
3.6.3.	Identify and convert standards and metric designation. Add, subtract, multiply and divide fractions, decimals, and whole numbers.	1	3	11	2.67	15	
3.6.3. 3.6.4.	Identify and convert standards and metric designation. Add, subtract, multiply and divide fractions, decimals, and whole numbers. Convert fractions to decimals. Determine the cost of materials needed for a	1	3	11 7 4 <i>answered</i>	2.67 2.47 2.00	15 15	

information3.7.2.Prepare v3.7.3.Select ap assignme3.7.4.Use layou3.7.5.Layout pa3.7.5.Layout paCONTENT STANIPerformaAnswer CAnswer C4.1.1.Identify an their char cabinetma composite etc.)4.1.2.Define ma dry, defect etc.)4.1.3.Differentia material p4.1.4.Discuss the environm4.1.5.Discuss the climate on4.1.6.Explain h	formance Standard 3.7: Layout Principles and	I Practice	es					
 3.7.1. Interpret of information 3.7.2. Prepare with assignments 3.7.3. Select ap assignments 3.7.4. Use layout paragramments 3.7.5. Layout paragramments 4.1.1. Identify and their chara cabinet material paragramments 4.1.2. Define material paragramments 4.1.4. Discuss the environments 4.1.5. Discuss the environments 4.1.6. Explain here and the paragramments 	swer Ontions	Nice to	Need to	Critical to	Rating	Response		
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3.7.3. Select ap assignme 3.7.4. Use layou 3.7.5. Layout pa 3.7.5. Layout pa CONTENT STANI Performa Answer C 4.1.1. Identify at their char cabinetm: composite etc.) 4.1.2. Define ma dry, defece etc.) 4.1.3. Differentia material p 4.1.4. Discuss the environm 4.1.5. Discuss the prime of the prima of the prime of the p	rpret drawing, sketch or specification rmation.	0	ŏ	,	2.47	15		
assignme 3.7.4. Use layou 3.7.5. Layout pa assignme assignme CONTENT STANI Performa Answer C Answer C 4.1.1. Identify and their char cabinetma composite etc.) 4.1.2. Define ma dry, defected etc.) 4.1.3. Differentia material p 4.1.4. Discuss the environm 4.1.5. Discuss the optimized	pare work area for layout.	1	9	5	2.27	15		
3.7.5. Layout pa 3.7.5. Layout pa CONTENT STANI Performa Answer C Answer C 4.1.1. Identify at their char cabinetma composite etc.) 4.1.2. Define ma dry, defece etc.) 4.1.3. Differentia material p 4.1.4. Discuss the environm 4.1.5. Discuss the priving part of the prive part of the prive part of the priving p	ect appropriate materials to complete work ignment.	0	7	8	2.53	15		
CONTENT STANI Performa Answer C 4.1.1. Identify an their char cabinetma composite etc.) 4.1.2. Define ma dry, defec etc.) 4.1.3. Differentia material p 4.1.4. Discuss th environm 4.1.5. Discuss th climate ou 4.1.6. Explain h	e layout and marking tools as required.	1	8	6	2.33	15		
PerformaAnswer C4.1.1.Identify ar their char cabinetma composite etc.)4.1.2.Define ma dry, defec etc.)4.1.3.Differentia material p4.1.4.Discuss th environm4.1.5.Discuss th climate or4.1.6.Explain h	out parts using measurement practices.	1	6	8	2.47	15		
PerformaAnswer C4.1.1.Identify ar their char cabinetma composite etc.)4.1.2.Define ma dry, defec etc.)4.1.3.Differentia material p4.1.4.Discuss th environm4.1.5.Discuss th climate or4.1.6.Explain h	answered quest							
PerformaAnswer C4.1.1.Identify ar their char cabinetma composite 	skipped question							
PerformaAnswer C4.1.1.Identify ar their char cabinetma composite etc.)4.1.2.Define ma dry, defec etc.)4.1.3.Differentia material p4.1.4.Discuss th environm4.1.5.Discuss th climate or4.1.6.Explain h								
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 4.1.1. Identify an their char cabinetms composite etc.) 4.1.2. Define ma dry, defecert.) 4.1.3. Differentia material particular /li>	formance Standard 4.1: Materials	1	.			_		
 their char cabinetma composite etc.) 4.1.2. Define ma dry, defect etc.) 4.1.3. Differentia material p 4.1.4. Discuss the environm 4.1.5. Discuss the climate of 4.1.6. Explain h 	swer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count		
 4.1.2. Define maddry, defected. 4.1.3. Differentiation material particular partic	ntify and describe the major materials and r characteristics used in furniture and inetmaking (e.g., hardwood, softwood, nposites, laminates, veneers, edge treatment,	2	5	6	2.31	13		
 4.1.4. Discuss the environm 4.1.5. Discuss the climate of the environm 4.1.6. Explain h 	ine material terminology (e.g., air dry, kiln , defects, lumber grade, face grades, sanded,	3	5	5	2.15	13		
4.1.5. Discuss the climate of 4.1.6. Explain h	erentiate between the various types of terial properties and their applications.	3	5	5	2.15	13		
climate or 4.1.6. Explain h	cuss the impact of material usage on the ironment.	9	2	2	1.46	13		
	cuss the impact of the environment and nate on materials.	8	2	3	1.62	13		
	plain how production is affected by the ilability, quality, and quantity of resources.	4	7	2	1.85	13		
	erentiate between raw materials, standard ck, and finished products.	0	7	6	2.46	13		
				anauran	questier			
				answered	question question	13 2		

	Performance Standard 4.2: Fasteners and Metho	ds				
	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating	Response Count
4.2.1.	Identify and discuss various fasteners (e.g., type, purpose, application, etc.)	1	6	6	Average 2.38	13
4.2.2.	Categorize fastening methods by appropriate applications.	2	6	5	2.23	13
4.2.3.	Discuss fastening methods for various materials (e.g., toenailing, countersinking, pocket screws, dowels, biscuits, dominos, etc.)	1	6	6	2.38	13
				answered	question	13
					question	2
					-	
	Performance Standard 4.3: Adhesives and Metho					
	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
4.3.1.	Identify and discuss various adhesives (e.g., glues, contact adhesives, edge bending adhesives, etc.)	1	5	8	2.50	14
4.3.2.	List and define common terminology (e.g., open assembly time, closed assembly time, cure time, 1-piece flow, slip, and shelf life, etc.)	1	8	5	2.29	14
4.3.3.	Discuss adhesive methods for various materials.	0	8	6	2.43	14
4.3.4.	Compare characteristics of adhesives that affect the assembly time, cure time and strength of the product.	3	6	5	2.14	14
4.3.5.	Demonstrate the proper cleanup procedures for specific adhesives.	2	5	7	2.36	14
		answered question				14
				skipped	question	1
	Performance Standard 4.4: Hardware					
		Nice to	Need to	Critical to	Rating	Response
	Answer Options	Know	Know	Know	Average	Count
4.4.1.	Identify and describe common types of hardware and their applications.	1	/	6	2.36	14
4.4.2.	Select the hardware for the appropriate application.	0	8	6	2.43	14
4.4.3.	Layout, install, and adjust hardware.	1	6	7	2.43	14
				answered	question	14
					question	1

	Performance Standard 5.1: Manufacturing					
	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
5.1.1.	Identify and describe the current manufacturing processes (e.g., layout, milling, joinery, sanding, assembly, finishing, installation, etc.)	0	6	8	2.57	14
		1		answered	question	14
				skipped	question	•
	Performance Standard 5.2: Milling Operations					_
	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
5.2.1.	Identify terms used with milling tools (e.g., kerf, set, grain, drilling, boring, counterboring, countersinking, etc.)	2	6	6	2.29	14
5.2.2.	Select the proper milling tools for specific operations (e.g., table saw, drill press, joiner, lathe, band saw, jigsaw, routers, etc.)	0	5	9	2.64	14
5.2.3.	Demonstrate the steps to square a board.	1	3	10	2.64	14
5.2.4.	Demonstrate cutting and handling techniques used for lumber and sheet goods.	0	4	10	2.71	14
5.2.5.	Demonstrate the use of a jig, template, and fixture.	1	6	7	2.43	14
5.2.6.	Demonstrate safety operating procedures, (e.g. feather boards, holders, and power feeders).	1	3	10	2.64	14
5.2.7.	Identify terms used with milling tools (e.g., kerf, set, grain, drilling, boring, counterboring, countersinking, etc.)	1	7	6	2.36	14
				answered	question	14
				skipped	question	
	Performance Standard 5.3: Computer Numerical					
	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
5.3.1.	Discuss the applications of CNCs and CNC technology.	4	5	5	2.07	14
5.3.2.	Understand the programming and set up of CNCs.	5	6	3	1.86	14
5.3.3.	Discuss the outcomes of appropriate G codes/M codes.	7	4	3	1.71	14
5.3.4.	Discuss troubleshooting methods.	2	7	5	2.21	14

Advantages and disadvantages of using CNCs.	4	5	5	2.07	14
			answered	question	14
			skipped	question	1
Performance Standard 5.4: Joinery Techniques					_
Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
Identify terms used with joinery techniques (e.g., doweling, biscuits, floating tenon, tongue & groove, dados, miter, dovetail, etc.).	1	4	9	2.57	14
Determine the appropriate joinery applications.	0	6	8	2.57	14
Discuss the advantages and disadvantages of joinery types.	0	8	6	2.43	14
Select the proper joinery tools and machinery for specific operations.	0	8	6	2.43	14
Construct various joints (i.e., dado, miter, rabbet, butt).	0	5	9	2.64	14
		1	answered	question	14
					1
Performance Standard 5.5: Assembly					
Answer Options				-	Response Count
Identify terms used with sanding processes and techniques (e.g., grit, belt, disc, hand, etc.)	0	4	10	2.71	14
Properly prepare a surface for a treatment or finish.	0	3	11	2.79	14
Demonstrate proper application methods for different types of filler materials.	1	4	9	2.57	14
Select the proper tool and abrasive for shaping	0	5	9	2.64	14
and smoothing materials.					
and smoothing materials. Select the proper grit sizes and sequences for shaping and smoothing operations.	0	5	9	2.64	14
Select the proper grit sizes and sequences for	0	5	9	2.64	14
Select the proper grit sizes and sequences for shaping and smoothing operations. Utilize the proper health and safety procedures	-		9	2.57	
Select the proper grit sizes and sequences for shaping and smoothing operations. Utilize the proper health and safety procedures	-		9 answered	2.57	14
Select the proper grit sizes and sequences for shaping and smoothing operations. Utilize the proper health and safety procedures	-		9 answered	2.57 <i>question</i>	14
Select the proper grit sizes and sequences for shaping and smoothing operations. Utilize the proper health and safety procedures	-		9 answered	2.57 <i>question</i>	14
	Performance Standard 5.4: Joinery Techniques Answer Options Identify terms used with joinery techniques (e.g., doweling, biscuits, floating tenon, tongue & groove, dados, miter, dovetail, etc.). Determine the appropriate joinery applications. Discuss the advantages and disadvantages of joinery types. Select the proper joinery tools and machinery for specific operations. Construct various joints (i.e., dado, miter, rabbet, butt). Performance Standard 5.5: Assembly Answer Options Identify terms used with sanding processes and techniques (e.g., grit, belt, disc, hand, etc.) Properly prepare a surface for a treatment or finish. Demonstrate proper application methods for different types of filler materials.	Performance Standard 5.4: Joinery Techniques Answer Options Nice to Know Identify terms used with joinery techniques (e.g., doweling, biscuits, floating tenon, tongue & groove, dados, miter, dovetail, etc.). 1 Determine the appropriate joinery applications. 0 Discuss the advantages and disadvantages of joinery types. 0 Select the proper joinery tools and machinery for specific operations. 0 Construct various joints (i.e., dado, miter, rabbet, butt). 0 Performance Standard 5.5: Assembly Answer Options Answer Options Nice to Know Identify terms used with sanding processes and techniques (e.g., grit, belt, disc, hand, etc.) 0 Properly prepare a surface for a treatment or finish. 0 Demonstrate proper application methods for different types of filler materials. 1	Performance Standard 5.4: Joinery Techniques Answer Options Nice to Know Need to Know Identify terms used with joinery techniques (e.g., doweling, biscuits, floating tenon, tongue & groove, dados, miter, dovetail, etc.). 1 4 Determine the appropriate joinery applications. 0 6 Discuss the advantages and disadvantages of joinery types. 0 8 Select the proper joinery tools and machinery for specific operations. 0 5 Construct various joints (i.e., dado, miter, rabbet, butt). Nice to Know Need to Know Performance Standard 5.5: Assembly 0 4 Answer Options Nice to Know 0 4 Performance Standard 5.5: Assembly 0 4 Answer Options 0 4 Identify terms used with sanding processes and techniques (e.g., grit, belt, disc, hand, etc.) 0 3 Properly prepare a surface for a treatment or finish. 0 3 3 Demonstrate proper application methods for different types of filler materials. 1 4	Performance Standard 5.4: Joinery Techniques Nice to Know Need to Know Critical to Know Answer Options Nice to Know Critical to Know Critical to Know Critical to Know Identify terms used with joinery techniques (e.g., doweling, biscuits, floating tenon, tongue & groove, dados, miter, dovetail, etc.). 1 4 9 Determine the appropriate joinery applications. 0 6 8 6 Discuss the advantages and disadvantages of joinery types. 0 8 6 6 Select the proper joinery tools and machinery for specific operations. 0 5 9 9 Construct various joints (i.e., dado, miter, rabbet, butt). 0 5 9 9 Performance Standard 5.5: Assembly Answer Options Nice to Know Know Know Identify terms used with sanding processes and techniques (e.g., grit, belt, disc, hand, etc.) 0 3 11 Properly prepare a surface for a treatment or finish. 0 3 11 9 Demonstrate proper application methods for different types of filler materials. 1 4 9	Image: Second Standard 5.4: Joinery TechniquesImage: Skipped questionAnswer OptionsNice to KnowNeed to KnowCritical to KnowRating AverageIdentify terms used with joinery techniques (e.g., doweling, biscuits, floating tenon, tongue & groove, dados, miter, dovetail, etc.).1492.57Determine the appropriate joinery applications.0682.57Discuss the advantages and disadvantages of joinery types.0862.43Select the proper joinery tools and machinery for specific operations.0592.64answered questionVerageVerage0592.64Performance Standard 5.5: AssemblyNice to KnowNice to KnowRating KnowAverageIdentify terms used with sanding processes and techniques (e.g., grit, belt, disc, hand, etc.)03112.79Properly prepare a surface for a treatment or finish.03112.792.57Demonstrate proper application methods for different types of filler materials.1492.57

	Performance Standard 5.6: Assembly					
	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
5.6.1.	Identify terms used with assembly procedures (e.g., dry fitting, clamping, gluing, etc.)	0	3	10	2.77	13
5.6.2.	Select the proper assembly tools for specific operations (e.g., c-clamps, bar clamps, pipe clamps, etc.)	1	2	10	2.69	13
5.6.3.	Demonstrate assembly and clamping procedures.	1	3	9	2.62	13
5.6.4.	Demonstrate common case construction techniques (e.g., face frame, frameless, etc.)	0	5	8	2.62	13
5.6.5.	Demonstrate common frame and panel construction techniques (e.g., stile, rail, panel, etc.)	0	6	7	2.54	13
5.6.6.	Demonstrate furniture construction techniques.	2	6	5	2.23	13
5.6.7.	Construct a project that includes a drawer and a door.	0	4	9	2.69	13
5.6.8.	Use specific quality control criteria to check the accuracy and squareness of a project.	0	4	9	2.69	13
5.6.9.	Demonstrate laminating techniques (e.g., plastic, veneers, edge treatment, etc.)	3	8	2	1.92	13
5.6.10.	Demonstrate molding and trim usage and installation.	1	5	7	2.46	13
		I	13			
		answered question skipped question				2
	Performance Standard 5.7: Finishing	.				
	Answer Options	Nice to Know	Need to Know	Critical to Know	Rating Average	Response Count
5.7.1.	Identify terms and products used in finishing procedures (e.g., staining, clear coating, penetrating oils, sheen, sealer, etc.)	2	6	5	2.23	13
5.7.2.	Select the proper finishing tools and materials for specific operations.	1	7	5	2.31	13
5.7.3.	Demonstrate proper application methods for different types of finishes.	1	7	5	2.31	13
5.7.4.	Demonstrate clean up procedures for various types of finishing products and equipment.	1	6	6	2.38	13
5.7.5.	Utilize the proper health and safety procedures when working with finishes.	1	3	9	2.62	13
				answered	question	13
				skipped	question	2

	Answer Options	Nice to	Need to	Critical to	Rating	Response
		Know	Know	Know	Average	Count
5.8.1.	Discuss cabinet layout and installation techniques.	1	5	7	2.46	13
5.8.2.	Discuss countertop layout, materials, and installation techniques.	0	7	6	2.46	13
5.8.3.	Check walls and floors for level and plumb.	0	6	7	2.54	13
5.8.4.	Determine fasteners for walls.	0	7	6	2.46	13
5.8.5.	Install upper and lower cabinets and other casework.	1	5	7	2.46	13
5.8.6.	Install countertops, including sink cutouts and back splash.	2	6	5	2.23	13
5.8.7.	Cut and install molding and trim.	1	5	7	2.46	13
5.8.8.	Adjust doors and drawers.	0	4	9	2.69	13
5.8.9.	Clean work site.	0	3	10	2.77	13
				answered	auestion	13
				skipped		
					4	-
CONTE	ENT STANDARD 6: CABINETRY AND MILLWORK Performance Standard 6.1: Career Exploration		TRY			
	Answer Options	Nice to	Need to	Critical to	Rating	Response
6.1.1.	Discuss the employment opportunities in the industry.	Know 6	Know 4	Know 3	Average 1.77	Count 13
6.1.2.	Discuss economic impacts within the industry.	6	6	1	1.62	13
6.1.3.	Create an employment application and resume.	0	4	9	2.69	13
6.1.4.	Explore education and training for careers in the industry.	3	5	5	2.15	13
		1		answered	question	13