

Job Ready National Averages
Secondary
January 1, 2010

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg		
1037	21st Century Skills for Workplace Success <i>(New test released 9/1/2009)</i>	Written	8	80.5	1	Reading Skills	75.0		
					2	Math Skills	87.5		
					3	Writing Skills	82.8		
					4	Speaking and Listening Skills	75.0		
					5	Computer Literacy	66.7		
					6	Reasoning, Problem-Solving, and Decision-Making	83.9		
					7	Understand the "Big Picture"	72.9		
					8	Work Ethic	91.7		
					9	Positive Attitude	93.8		
					10	Independence and Initiative	84.4		
					11	Self Presentation	79.8		
					12	Attendance	81.3		
					13	Team Member	70.0		
3900	Accounting - Advanced	Written	2,375	49.2	1	Journalizing	49.2		
					2	Posting	51.0		
					3	Payroll Preparation	51.7		
					4	Banking and Banking Procedures	48.8		
					5	Merchandise Inventory	48.9		
					6	Completion of Accounting Cycle	48.7		
					7	Locating Source Data	55.5		
					8	Mechanical and Electronic Accounting Devices	61.3		
					9	Advanced Accounting Practices	43.3		
				Perf	109	70.5	1	Identification of Account Balances	80.2
							2	Journal Entries	75.1
							3	Payroll	72.1
							4	Worksheet	70.6
							5	Financial Statements	67.0
							6	Locating Information in Source Documents	66.4
							7	Financial Statement Comparison	57.4
					8	Advanced Journal Entries	69.0		

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg
3000	Accounting - Basic	Written	3,665	53.3	1	Journalizing	52.8
					2	Posting	54.6
					3	Payroll Preparation	53.3
					4	Banking and Banking Procedures	52.6
					5	Merchandise Inventory	50.7
					6	Completion of Accounting Cycle	50.3
					7	Locating Source Data	55.7
					8	Mechanical and Electronic Accounting Devices	61.6
		Perf	644	67.6	1	Identification of Account Balances	75.4
					2	Journal Entries	70.6
					3	Posting Verification	74.3
					4	Banking	75.5
					5	Payroll	72.0
					6	Worksheet	64.1
					7	Financial Statements	57.9
					8	Locating Information in Source Documents	62.1
4001	Administrative Assisting	Written	1,583	58.9	1	Computer Applications	63.7
					2	Working in an Office Environment	65.2
					3	Records Management	53.0
					4	Office Procedures	61.6
					5	Accounting and Computational Skills	46.9
		Perf	942	84.1	1	Business Writing-Memo Preparation	88.0
					2	Document Processing	79.3
					3	Preparing a Spreadsheet	83.8
					4	Creating a Chart	86.9
					5	Create a Flyer	89.5
1105	Administrative Services (New test released 9/1/2009)	No data available					

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg
4019	Advertising and Design	Written	958	65.6	1	Computer Literacy	77.5
					2	Typography	62.2
					3	Design Theory and Application	66.9
					4	Color Theory and Application	69.7
					5	Drawing and Digital Illustration	61.6
					6	Photography	59.4
					7	Production and Printing	56.4
					8	Communication and Career Skills	78.4
					9	Work Environment	56.8
					10	Multimedia	65.8
					11	Digital Image Manipulation	55.5
		Perf	662	88.5	1	Design: Final Computer Comprehensive-Preparing and Pri	89.7
					2	Layout: Comprehensive Redesign	87.3
2102	Agriculture Mechanics	Written	230	53.7	1	Safety	58.0
					2	Welding and Mechanics	50.9
					3	Power and Machinery	59.2
					4	Electrical Power and Process	49.1
					5	Agricultural Structures	53.5
					6	Agribusiness	58.7
					7	Environmental and Natural Resource Systems	44.0
					8	Careers in Agriculture Mechanics	44.0
		Perf	102	85.3	1	Horizontal Square Groove Butt Weld - SMAW	81.7
					2	Oxyacetylene Cutting	80.5
					3	Troubleshoot and Diagnose a Gas Engine	90.3
					4	Install a Switch to Control a Light	89.7
					5	Mark a Common Rafter	80.7
			6	Set Up and Instrument Leveling of the Farm Level	92.6		

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg
3004	Architectural Drafting	Written	997	55.4	1	Preparing to Draw; Basic Drawing/Dimensioning	65.1
					2	Geometric Construction	65.6
					3	Applied Mathematics	62.8
					4	Drawing Techniques; Supplementary Views	52.2
					5	Planning	53.7
					6	Architectural Drawing Types	52.9
					7	Site Plans	53.7
					8	Structural Drawings	49.4
					9	Mechanical and Electrical Systems	55.2
					10	Supplemental Drafting Activities	43.1
					11	Specifications	42.9
		Perf	621	79.5	1	Architectural Symbols & Abbreviations	53.8
					2	Elevation	75.1
					3	Kitchen and Bath Floor Plan	87.8
					4	Light Framing of Sill and Wall	80.6
2005	Audio-Visual Communications Technology	Written	765	45.9	1	Photography	38.1
					2	Computer Based Technology	45.4
					3	Film/Video Production	48.1
					4	Audio Production	49.6
					5	Presentation Technology	30.8
					6	Creative Development	50.1
					7	Visual Design	42.1
					8	Project Management	49.0
					9	Equipment Maintenance and Troubleshooting	44.4
					10	Network Technology	42.8
					11	Related Information	39.0
		Perf	299	83.9	1	Still Photography - 35MM/Digital Camera	85.6
					2	Still Photography - Film Development/File Transfer	93.3
					3	Still Photography - Printing/Image Manipulation	87.9
					4	Audion Production - Record/Edit/Mix	81.1
			5	Presentation Equip. Usage & Maint. - Data/Video Projector	86.6		
			6	Presentation Equip. Usage & Maint. - Monitor	86.7		
			7	General Troubleshooting	78.1		
			8	Hardware & Software Upgrade	82.1		
			9	Video Shooting & Editing	80.9		
			10	Operate Computer Graphics Equip.	86.5		

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg					
4008	Automotive Technician Advanced	Written	195	49.0	1	Customer Relations and Shop Procedures	61.8					
					2	Engine Repair	51.9					
					3	Automatic Transmission/Transaxle	45.2					
					4	Manual Drive Train and Axles	47.4					
					5	Suspension and Steering	52.9					
					6	Brakes	51.3					
					7	Electrical/Electronic Systems	48.7					
					8	Heating and Air Conditioning	41.2					
					9	Engine Performance	44.1					
		Perf	619	89.5	1	Identification of Parts	81.6					
					2	Disc Brake Assembly Service	90.7					
					3	Tire Service and Balance	98.0					
					4	Cylinder Head Service	90.3					
					5	Perform Fuel System Pressure Test	90.5					
					6	Windshield Washer Circuit Inoperative	84.3					
					7	Test and Diagnose Battery, Starting, and Charging System	85.4					
					8	Test Electronic Engine Control Components	95.0					
4109	Automotive Technician Core	Written	3,000	49.0	1	Customer Relations and Shop Procedures	62.4					
					2	Engine Repair	51.0					
					3	Suspension and Steering	53.2					
					4	Brakes	48.8					
					5	Electrical/Electronic Systems	45.7					
					6	Engine Performance	43.1					
		Perf	1,780	88.9	1	Identification of Parts	82.1					
					2	Disc Brake Assembly Service	90.4					
					3	Tire Service and Balance	93.6					
					4	Cylinder Head Service	85.6					
					4009	Automotive Technician Standard	Written	1,157	51.2	1	Customer Relations and Shop Procedures	63.0
										2	Engine Repair	52.7
										3	Automatic Transmission/Transaxle	46.6
4	Manual Drive Train and Axles	46.5										
5	Suspension and Steering	52.6										
6	Brakes	50.5										
Perf	729	88.8	1	Identification of Parts	82.6							
			2	Disc Brake Assembly Service	90.8							
			3	Tire Service and Balance	93.1							
			4	Cylinder Head Service	85.3							

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg						
1096	Banking and Related Services	Written	129	68.2	1	Cluster Technical Skills - Finance	62.0						
					2	Technical Skills - Banking and Related Services	57.8						
					3	Academic Foundations	65.2						
					4	Systems	67.6						
					5	Ethics and Legal Responsibilities	66.7						
					6	Communication	76.0						
					7	Information Technology Applications	59.1						
					8	Problem Solving, Critical Thinking, and Decision Making	76.1						
					9	Leadership and Teamwork	84.0						
					10	Safety, Health and Environmental	75.1						
					11	Employability and Career Development	89.3						
1106	Broadcasting and Journalism <i>(New test released 9/1/2009)</i>	No data available											
2011	Building Construction Occupations	Written	1,454	55.5	1	Safety and General Knowledge	77.1						
					2	Carpentry	63.4						
					3	Masonry	53.2						
					4	Electrical	43.4						
					5	Plumbing	47.1						
					6	Energy Efficiency	51.6						
					7	Blueprints and Construction Math	50.6						
		Perf			1,193	83.9	1	Soldering and Threading Pipe	90.7				
							2	Rafter Layout	77.7				
							3	Stair Layout	79.1				
							4	Rough and Finish Electrical	86.0				
							5	Block Wall Construction	83.8				
		3012					Building Trades Maintenance	Written	206	52.9	1	Safety	59.8
											2	Tools and Materials	56.4
	3		Carpentry	61.1									
	4		Painting and Wall Covering	57.8									
	5		Masonry	52.4									
	6		Electrical	50.7									
	7		Plumbing	49.4									
	8		Welding	41.7									
	9		General Maintenance	43.1									
	10		Grounds and Equipment Maintenance	52.4									
	11		HVAC	53.8									

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg
3012	Building Trades Maintenance	Perf	205	82.0	1	Carpentry: Construction Frame	85.1
						Plumbing: Sweat Piping	76.8
						Electricity: Rough Wiring	86.3
						Drywall	79.2
						Electricity: Finish Wiring	82.0
						Carpentry: Mortise Hinge	81.2
1095	Business Financial Management	Written	189	64.6	1	Cluster Technical Skills - Finance	60.0
					2	Technical Skills - Business Financial Management	52.6
					3	Academic Foundations	61.6
					4	Systems	65.0
					5	Ethics and Legal Responsibilities	64.4
					6	Communication	73.1
					7	Information Technology Applications	60.1
					8	Problem Solving, Critical Thinking, and Decision Making	68.5
					9	Leadership and Teamwork	80.5
					10	Safety, Health and Environmental	69.8
					11	Employability and Career Development	89.3
3013	Business Information Processing	Written	1,753	64.9	1	General Computer Concepts	66.7
					2	Internet Operations	66.9
					3	PC (Personal Computer) Operations	63.4
					4	Accounting Related Computer Functions	53.1
					5	Information Technology Software Applications	71.2
					6	Business Math	58.5
					7	Communication	65.5
					8	Office Environment and Safety	63.3
		Perf	1,455	86.4	1	File Management	92.3
					2	Spreadsheet	82.1
					3	Word Processing: Create and Format	90.3
					4	Word Processing: Table Creation	94.0
					5	Database Design and Reports	79.9
			6	Presentations	92.0		

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg
2014	Cabinetmaking	Written	640	49.5	1	Safety	57.3
					2	Hand and Power Tools	50.1
					3	Stationary Saws	51.0
					4	Boring Machines	44.6
					5	Design and Layout	46.9
					6	Estimating and Measuring	49.1
					7	Milling	47.4
					8	Jointery	49.4
					9	Assembly	49.9
					10	Finishing	51.2
					11	Installation	45.9
		Perf	291	81.9	1	Layout, Cut, and Assemble Front Frame	83.7
					2	Layout One Drawer	80.2
3973	CAD	Written	1,221	55.5	1	Identifying Hardware and Operating Systems	63.4
					2	Using Hardware and Operating Systems	68.0
					3	Interpreting and Reading Blueprints	48.9
					4	Creating & Manipulating Mechanical Drawing Info	55.2
					5	Drawing and Designing Assemblies	56.9
					6	Using 3-D Modeling	50.6
		Perf	412	79.7	1	Create a 2-D Orthographic Drawing on CAD with a Section	79.7
			2	Create a 3-D Solid Model	87.7		
			3	Creat Two Parts to be Mated and Mate the Parts	74.3		
3073	CAD/CAM	Written	20	50.5	1	Identify Hardware and Operating Systems	69.5
					2	Using Hardware and Operating Systems	64.5
					3	Interpreting and Reading Blueprints	39.5
					4	Creating & Manipulating Mechanical Drawing Info	51.1
					5	Drawing and Designing Assemblies	56.9
					6	Using 3-D Modeling	50.0
					7	Machining Fundamentals	52.6
					8	CNC Operation	42.5
					9	CNC Programming Preparation	53.3
					10	CNC Programming Using a CAM System	41.0
Perf	25	78.1	1	Create a 2-D Orthographic Drawing on CAD with a Section	84.2		
			2	Create a 3-D Solid Model	86.6		
			3	Creat Two Parts to be Mated and Mate the Parts	75.0		
			4	Manufacture a Part from an Existing Drawing	70.6		

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg
1100	Career Skills	Written	415	49.7	1	Communications	52.9
					2	Problem Solving and Critical Thinking	37.5
					3	Information Technology Applications	54.0
					4	Systems	47.7
					5	Safety, Health and Environment	48.2
					6	Leadership, Management and Teamwork	59.9
					7	Ethics and/or Legal Responsibilities	57.6
					8	Employability and/or Career Development	46.0

3015	Carpentry (Test retired 8/31/2009)	Written	6,625	54.7	1	OSHA Safety	60.6
					2	Tools and Accessories	68.3
					3	Blueprint Reading and Estimation	55.0
					4	Foundations, Forms, and Concrete	53.6
					5	Rough Framing	60.9
					6	Exterior Finish	46.4
					7	Interior Systems Installation	60.7
					8	Interior Finish	40.7
					9	Carpentry Related Mathematics	61.5
		Perf	5,192	79.8	1	Tool and Material Identification	87.6
					2	Square Layout	85.8
					3	Builder's Level	85.2
					4	Blueprint Readings/Sole Plate Layout	71.6
					5	Rafter Layout	76.3
					6	Stairway Stringer	77.4
					7	Interior Frame	82.1

4015	Carpentry (New test released 9/1/2009)	Written	8	71.5	1	Safety	64.2
					2	Tools and Accessories	79.2
					3	Blueprint Reading and Estimation	72.6
					4	Foundations, Forms, and Concrete	68.8
					5	Rough Framing	73.8
					6	Exterior Finish	75.7
					7	Interior Systems Installation	69.6
					8	Interior Finish	64.7
					9	Carpentry Related Mathematics	72.8

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg			
4015	Carpentry (New test released 9/1/2009)	Perf	8	92.2	1	Tool and Material Identificaton	97.4			
					2	Square Layout	98.2			
					3	Builder's Level	95.5			
					4	Blueprint Reading/Sole Plate Layout	85.7			
					5	Rafter Layout	91.1			
					6	Stairway Stringer	91.2			
					7	Interior Frame	92.3			
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2018	Clothing and Textiles Management and Production	Written	936	57.0	1	Garment Construction	58.1			
					2	Finished Garment Alterations	55.1			
					3	Textiles	54.1			
					4	Applied Mathematics	54.6			
					5	Patternmaking	44.4			
					6	Manufacturing and Industrial Sewing	62.5			
					7	Career Opportunities	58.5			
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					Perf	671	86.4	1	Seam Samples	88.3
								2	Zipper Insertion	84.9
								3	Layout and Cutting	93.6
								4	Bodice Construction	87.4
								5	Pants Construction	85.4
								6	Alterations--Hem, Waist, Center Back Seam	75.6
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3006	Collision Repair	Written	1,630	55.7	1	Structural	56.3			
					2	Non-Structural	54.8			
					3	Mechanical & Electrical Systems	46.8			
					4	Safety and Environmental Issues	67.3			
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					Perf	1,282	88.1	1	Component Identification	84.8
								2	Door Striker Repair	93.7
								3	Welding	87.1
								4	Sheet Metal Repair	87.5
								5	Vehicle Measurement	86.8

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg		
2083	Collision Repair/Refinishing Technology	Written	3,311	55.9	1	Structural	55.6		
					2	Non-structural	55.8		
					3	Painting and Refinishing	57.8		
					4	Mechanical and Electrical Systems	45.1		
					5	Safety and Environmental Issues	67.0		
		Perf	2,600	86.8	1	Component Identification	79.1		
					2	Door Striker Repair	92.6		
					3	Welding	86.1		
					4	Sheet Metal Repair	86.1		
					5	Refinishing	88.1		
					6	Masking	87.4		
					7	Vehicle Measurement	82.7		
		3020	Commercial Foods	Written	4,206	60.4	1	Culinary Career Overview	62.8
							2	Safety and Sanitation	77.7
	3			Culinary Techniques			56.1		
	4			Recipes and Culinary Math			39.7		
	5			Purchasing and Management Skills			52.0		
	6			Menu Design and Nutrition			56.8		
	7			Customer and Table Service			60.0		
	8			Culinary Equipment			76.6		
Perf	3,796			90.7	1	Hand Tools and Small Equipment Identification	94.7		
					2	Herb, Spice, and Flavoring Identification	82.8		
		3	Knife Skills		90.7				
		4	Cooking Skills		91.3				
2414	Computer Networking Fundamentals (Test retired 8/31/2009)	Written	2,394	58.8	1	PC Principles	82.2		
					2	Network Connections	57.6		
					3	Physical Connection Types	58.7		
					4	Network Standards and Devices	56.2		
					5	Network Terminology	56.3		
					6	Network Architecture	54.2		
					7	Network Addressing	56.3		
					8	Network Security	81.2		
					9	Network Design	53.6		
		Perf	1,784	97.5	1	Create Simple LAN with Two PCs	97.3		
	2	Create Simple LAN with Three PCs			97.7				

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg	
3414	Computer Networking Fundamentals (New test released 9/1/2009)	No data available						
3023	Computer Programming	Written	614	51.1	1	Analyze Programming Problems & Flowchart Solutions	54.8	
					2	Design Program Solutions	47.5	
					3	Code Programs	48.2	
					4	Test Programs	54.6	
					5	Convert & Maintain Programs	52.9	
					6	Complete User Documentation & Technical Writing	49.1	
					7	General Information & Concepts	51.2	
		Perf	383	79.4	1	Write a Program	79.1	
					2	Design Solution Logic	80.0	
2415	Computer Repair Technology (Test retired 8/31/2009)	Written	2,761	58.7	1	Installing, Configuring, Upgrading	52.2	
					2	Diagnosing, Troubleshooting	58.0	
					3	Preventive Maintenance	63.6	
					4	System Boards, Processors, and Memory	57.8	
					5	I/O Devices	59.7	
					6	Printing	55.1	
					7	Basic Networking	66.0	
					8	Security	55.3	
					9	Customer Support and Ethics	68.8	
		Perf	1,630	91.8	1	Device Identification	79.3	
					2	Network Connectivity	94.9	
					3	Installing New Hardware/Troubleshooting	93.6	
3415	Computer Repair Technology (New test released 9/1/2009)	No data available						
3022	Computer Technology (Test retired 8/31/2009)	Written	1,138	59.9	1	Professional Behavior	76.0	
					2	General Computer Knowledge/Concepts	60.5	
					3	PC Hardware Knowledge	52.1	
					4	PC Software Knowledge	58.9	
					5	Networking and Data Communications	62.4	
					6	Security	54.5	
		Perf	727	85.3	1	File Management Using Windows GUI	91.8	
					2	Word Processing Applications	87.6	
					3	Spreadsheet Applications	79.8	
					4	Network Connectivity	80.0	

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg	
4022	Computer Technology (New test released 9/1/2009)	No data available						
3025	Construction Masonry - Blocklaying Option	Written	677	60.1	1	Hand and Power Tools	74.6	
					2	Scaffolds and Ladders	57.7	
					3	Materials	63.8	
					4	Blueprints and Specifications	47.8	
					5	Project Layout	56.0	
					6	Masonry Structure Maintenance	55.5	
					7	Flashing, Weeps, Insulation	47.4	
					8	Professionalism	69.4	
					9	Craft Knowledge	71.2	
					10	Installation of Lintels	71.2	
					11	Door and Window Frames	64.8	
					12	Control Joints and Anchor Bolts	63.2	
					13	Fireplaces and Chimneys	53.9	
					14	Math and Measurements	56.4	
					15	Safety	79.4	
					16	Specialty Areas - Block	53.1	
		Perf	715	84.0	1	Job Layout	88.2	
					2	Build a Block Stretcher Bond Wall	84.2	
					3	Project Jointing	77.1	
3125	Construction Masonry - Bricklaying Option	Written	691	55.9	1	Hand and Power Tools	70.5	
					2	Scaffolds and Ladders	51.5	
					3	Materials	57.4	
					4	Blueprints and Specifications	41.7	
					5	Project Layout	48.9	
					6	Masonry Structure and Maintenance	52.0	
					7	Flashing, Weeps, Insulation	42.7	
					8	Professionalism	66.8	
					9	Craft Knowledge	66.1	
					10	Installation of Lintels	61.6	
					11	Door and Window Frames	57.8	
					12	Control Joints and Anchor Bolts	54.2	
					13	Fireplaces and Chimneys	47.9	
					14	Math and Measurements	51.9	
					15	Safety	77.0	
					16	Specialty Areas - Brick	52.8	

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg
3125	Construction Masonry - Bricklaying Option	Perf	458	80.9	1	Job Layout	85.1
					2	Construct a Brick Wall/Pier in Stretcher Bond	81.7
					3	Project Jointing	72.8
2082	Cosmetology	Written	6,718	69.2	1	Scientific Concepts	73.7
					2	Professionalism and Employability Skills	78.4
					3	Physical Service	68.5
					4	Manicuring and Pedicuring Skills	63.0
					5	Chemical Services	64.6
					6	Hair Designing	66.9
		Perf	5,663	91.7	1	Chemical Applications	91.1
					2	90 Degree Haircut	90.5
					3	Blow Dry/Curl and Press Hair	91.9
					4	Plain Manicure	93.1
					5	Job Interview	94.8
3081	Criminal Justice	Written	4,475	64.3	1	Crime Scene Handling	66.8
					2	Use of Force Continuum	71.8
					3	Criminal Law and Procedures	60.6
					4	Health Issues	63.3
					5	Police Concepts and Skills	75.3
					6	Corrections: Concepts and Skills	63.3
					7	Court System	59.6
					8	Communication	59.6
					9	Security: National, International, and Private	59.8
					10	Understanding and Working with Special Populations	65.0
		Perf	2,197	92.4	1	Crime Scene Investigation	92.4
					2	Arrest	91.7
					3	Perform CPR on an Adult	93.7

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg
4136	Culinary Arts Cook Level 2	Written	1,886	69.3	1	Recipes	72.1
					2	Knife Skills	64.8
					3	Large and Small Equipment	74.4
					4	Sanitation and Safety	80.3
					5	Cold Food Preparation	66.4
					6	Fruits, Vegetables, and Starches	62.7
					7	Bakery Products	60.6
					8	Stocks, Sauces, and Hot Soups	59.7
					9	Meats, Poultry, and Seafood	65.6
					10	Breakfast Foods	75.9
					11	Receiving and Storage	74.4
					12	Nutritional Values	73.7
					13	Customer Service	69.0
					14	Management and Employability Skills	73.4
Perf	1,730	84.6	1	Prepare Chicken Hunter Style With Sauce	84.4		
			2	Prepare Sautéed Potatoes	84.5		
			3	Prepare Steamed Green Vegetables	85.0		
			4	Prepare Cream Puffs with Whipped Cream and Ganache	84.5		
4036	Culinary Arts Prep Cook Level 1	Written	1,957	64.6	1	Recipes	64.5
					2	Knife Skills	60.0
					3	Large and Small Equipment	67.4
					4	Sanitation and Safety	72.1
					5	Cold Food Preparation	61.6
					6	Fruits, Vegetables, and Starches	58.0
					7	Bakery Products	52.6
					8	Stocks, Sauces, and Hot Soups	61.2
					9	Meats, Poultry, and Seafood	56.0
					10	Breakfast Foods	69.1
					11	Receiving and Storage	68.1
					12	Nutritional Values	69.1
					13	Management and Employment Skills	68.9
Perf	951	86.1	1	Identification of Kitchen Equipment	92.3		
			2	Identification of Herbs, Spices, Fruits, and Vegetables	88.6		
			3	Knife Sharpening: Stone and Steel	87.5		
			4	Knife Skills	85.2		
			5	Prepare Tomato, Cucumber, and Colored Bell Pepper Salad	85.7		
			6	Prepare French Strawberry Dessert Omelet	84.5		

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg
4036	Dental Assisting	Written	388	66.9	1	Introduction to the Dental Assisting Profession	72.6
					2	Communication	78.8
					3	Infection Control and Hazards Management	72.4
					4	Clinical Procedures	66.1
					5	Radiological and Digital Imagery Procedures	60.7
					6	Performing Clerical Functions	67.3
					7	Sciences of Dental Assisting	62.2
		Perf	270	91.1	1	Chart Oral Conditions	87.0
					2	Assemble and Disassemble Aspirating Syringe	97.5
					3	Assemble Radiographic Equipment with Film	91.0
					4	Mount Full Series Radiographs	88.3
					5	Prepare Instruments for Autoclaving	95.4
					6	Appointment Scheduling	92.6
					7	Prepare Amalgam Tray	85.4
1417	Dental Laboratory Technology	Written	86	63.3	1	Oral and Dental Anatomy	68.5
					2	Removable Prosthodontics - Complete Dentures	66.8
					3	Denture Repair	65.2
					4	Removable Prosthodontics - Partial Dentures	60.5
					5	Fixed Prosthodontics - Crown and Bridge	59.6
					6	Physiology of the Tooth, Skull and Occlusion	55.7
					7	Dental Materials and Equipment	72.3
					8	Fixed Prosthodontics - Ceramics	53.8
					9	Orthodontics	71.2
					10	Safety and Health	84.7
		Perf	59	85.4	1	Impression Tray Model	88.9
2	Full Contour, Mandibular 1st Molar Crown				80.2		
3027	Diesel Engine Technology	Written	1,569	58.0	1	Safety and General Shop Practices	75.4
					2	Diesel Engine Terminology and Theory	58.7
					3	Preventive Maintenance	55.9
					4	Engine Construction	56.6
					5	Service Induction and Exhaust Systems	61.6
					6	Diesel Fuel Systems	46.2
					7	Cylinder Heads	51.0
					8	Block Assembly	59.3
					9	Engine Electrical/Electronics Systems	46.8
					10	Engine Diagnosis and Failure Analysis	58.1

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg
3027	Diesel Engine Technology	Perf	1,381	89.8	1	Check and Adjust Rocker Level Clearance	92.8
					2	Measurement of Crankshaft Bearing Clearances	92.5
					3	Cylinder Liner Installation	85.4
					4	Electrical Testing	91.0
					5	Perform a Coolant System Inspection	89.7
3016	Early Childhood Care and Education	Written	6,383	74.4	1	Program Management	75.5
					2	Professionalism	82.3
					3	Observation and Documentation of Learning	58.4
					4	Health and Safety	78.1
					5	Cognitive Development	78.8
					6	Language Development and Communication	71.6
					7	Physical Development	69.5
					8	Social and Emotional Development	72.4
					9	Creativity	79.0
					10	Culturally Relevant Care and Education	69.9
					11	Inclusion of Children with Special Needs	68.2
					12	Positive Adult-Child Relationship and Guidance	69.4
					13	Positive Relationships with Families	84.3
		Perf	3,629	91.5	1	Demonstrate Washing of Caregiver's Hands	96.0
						Arrange a Room	89.0
						Prepare a Lesson Plan	91.3
						Storytelling	90.7
						Gross Motor Stretching Activity	91.3
						Present a Lesson Plan	92.5
1025	Education and Training (New test released 9/1/2009)	No data available					

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg		
4030	Electrical Construction Technology	Written	616	52.4	1	Introduction to the Electrical Construction Career	53.2		
					2	OSHA Regulations and Electrical Safety Practices	65.3		
					3	Meters, Measurements, Testing	58.0		
					4	Tools, Materials, and Components	71.3		
					5	National Electric Code (NEC)	53.4		
					6	Blueprints, Specifications, and Estimations	58.4		
					7	AC Theory and Magnetic Theory	42.8		
					8	Motor Control Circuits, Logic Circuits, and Programmable L	46.8		
					9	DC: Basic Electric and Electron Theories	46.5		
					10	Circuit Theorems and Conversions	45.6		
					11	Wiring, Circuits, and Installation	59.0		
					12	Transformers	42.0		
					13	Motors	34.0		
		Perf	676	88.2	1	Switch Controls, Conduit Bending, and GFCI Receptacles	87.2		
					2	Doorbell Circuit	91.2		
2031	Electrical Occupations	Written	1,428	57.4	1	Safety	63.7		
					2	Wiring Methods	67.8		
					3	Tools	80.6		
					4	Motors and Motor Control	55.0		
					5	National Electrical Code	48.6		
					6	Blueprint Reading and Estimating	66.2		
					7	Applied Mathematics	45.9		
					8	Alternating Current (AC)	37.7		
					9	Direct Current (DC)	36.9		
		Perf	1,268	86.5	1	Install Cable from Meter Base to Service Entrance Panel	91.5		
					2	Wire Lighting Control	89.0		
					3	Install Door Chimes	91.7		
					4	Calculate, Build, and Test a DC Circuit	72.3		
		2034	Electronics	Written	429	49.8	1	DC Circuits	54.7
							2	AC Circuits	44.1
3	Solid State Circuits						43.5		
4	Soldering and De-soldering						62.5		
5	Use of Equipment						52.8		
6	Digital Theory						48.3		
7	Technical Related Mathematics						47.8		

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg
2034	Electronics	Perf	153	80.2	1	IC Identification	94.7
					2	DC Circuit Construction and Analysis	83.5
					3	Power Supply Construction and Analysis	72.5
					4	De-Soldering and Soldering	93.1
					5	CE Amplifier Construction and Analysis	66.8
3035	Electronics Technology	Written	1,520	43.6	1	Safety Practices	64.4
					2	Fundamental Electrical Principles	49.9
					3	Electronic Testing	57.8
					4	Direct Current (DC) Circuit Analysis	46.0
					5	Alternate Current (AC) Analysis	48.5
					6	Electronic Device Analysis and Applications	36.4
					7	Digital Electronic Circuits	38.4
					8	Communications	29.4
					9	Prototyping and Fabrication Techniques	37.8
		Perf	1,150	83.3	1	Power Supply Construction/Analysis	87.6
					2	OP AMP Construction/Analysis	86.1
					3	Design & Build a Combinational Logic Circuit	76.7
		1094	Financial and Investment Planning	Written	77	69.0	1
2	Technical Skills - Financial and Investment Planning						59.3
3	Academic Foundations						61.7
4	Systems						67.8
5	Ethics and Legal Responsibilities						69.7
6	Communication						74.3
7	Information Technology Applications						66.6
8	Problem Solving, Critical Thinking, and Decision Making						77.5
9	Leadership and Teamwork						82.5
10	Safety, Health and Environmental						77.7
11	Employability and Career Development						92.2
3049	Floriculture (Test retired 8/31/2009)	Written	1,049	63.9	1	Basic Floral Design	70.1
					2	Intermediate Floral Design	54.8
					3	Advanced Floral Design	75.5
					4	Small Business	61.7
					5	Plant Sciences	52.6
		Perf	881	77.8	1	Isosceles Triangle Arrangement	75.9
					2	Design a Multi-Flower Corsage	89.0
					3	Cash Register/Sales	90.5
					4	Plant Classification	62.4

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg	
4049	Floriculture (New test released 9/1/2009)	No data available						
3949	Floriculture - Greenhouse (Test retired 8/31/2009)	Written	683	57.2	1	Basic Floral Design	68.1	
					2	Intermediate Floral Design	52.5	
					3	Advanced Floral Design	71.9	
					4	Small Business	62.2	
					5	Greenhouse Operations	47.1	
					6	Plant Sciences	54.8	
					7	Soil Sciences	46.4	
		Perf	630	82.6	1	Isosceles Triangle Arrangement	80.9	
					2	Design a Multi-Flower Corsage	88.9	
					3	Start/Propagate Geraniums from a Stem Tip Cutting	91.7	
					4	Cash Register/Sales	91.2	
					5	Plant Classification	65.0	
4949	Floriculture - Greenhouse (New test released 9/1/2009)	No data available						
2037	Forestry Products and Processing (Test retired 8/31/2009)	Written	1,311	53.2	1	General Safety	75.0	
					2	Logging Harvesting	50.8	
					3	Tree Identification	69.8	
					4	Forest Protection	57.1	
					5	Silviculture	42.5	
					6	Forest Management	35.2	
					7	Business Management	60.1	
					8	Wildlife	47.8	
					9	Surveying	38.5	
					10	Chain Saw	51.8	
					11	Sawmilling	42.0	
					12	Diesel - Hydraulics	43.2	
					13	Employability Skills	66.6	
					14	Forest Ecology	47.6	
					15	Timber Cruising	46.2	

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg		
2037	Forestry Products and Processing <i>(Test retired 8/31/2009)</i>	Perf	1,084	69.9	1	Tree Felling	80.9		
					2	Identify Leaf Specimens	53.7		
					3	Grading Hardwood Lumber	57.7		
					4	Scaling Hardwood Logs	68.9		
					5	Sharpening & Adjusting Chain Saw	83.7		
					6	Job Application	84.3		
					7	Calculating Acreage	58.3		
					8	Plotting & Analyzing	63.1		
					9	Determination of Truckload	75.0		
3037	Forestry Products and Processing <i>(New test released 9/1/2009)</i>	Written	6	64.2	1	Safety	87.5		
					2	Logging, Harvesting	63.9		
					3	Tree Identification	77.8		
					4	Sawmill Operation	63.6		
					5	Diesels and Hydraulics	71.8		
					6	Chain Saws	62.5		
					7	Silviculture and Forest Management	48.0		
					8	Forest Ecology and Protection	60.9		
					9	Surveying	62.2		
					10	Timber Cruising	53.7		
					11	Wildlife	57.6		
					12	Business Management and Employability Skills	77.3		
		Perf	No data available						
3038	General Drafting & Design	Written	808	60.3	1	Prepare to Draw: Basic Drawing/Dimensioning Skills	66.6		
					2	Geometric Construction	62.7		
					3	Drawing Techniques	57.0		
					4	Applied Mathematics	71.8		
					5	Dimensioning Skills	56.7		
					6	Supplementary Views	48.0		
				Perf	680	81.1	1	Geometric Construction	89.2
						2	Auxiliary Views	77.3	
						3	Drawing Completion and Dimensioning	82.2	
						4	Machined Part Dimensioning	77.5	
						5	Pattern Development	76.9	
				6	Section Drawing	82.0			
1103	General Management <i>(New test released 9/1/2009)</i>	No data available							

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg
4142	Graphic Communications Technology	Written	891	52.8	1	Introduction to Printing	61.7
					2	Electronic Publishing and Printing, Pre-Press, and Output	52.6
					3	Offset Press Operations	49.3
					4	Finishing and Binding	50.2
		Perf	849	86.8	1	Design and Pre-Press	89.4
					2	Generate A Plate from an Original	87.0
					3	Duplicator and Press Operations	82.4
					4	Finishing	91.0
3043	Health Assisting	Written	1,508	71.2	1	Medical Terminology	68.0
					2	Observation and Communication	84.8
					3	Documentation and Legalities of the Health Assisting Prof	83.8
					4	Health Assisting Skills	63.7
					5	Body Systems	62.5
					6	First Aid and General Safety	77.1
		Perf	804	95.2	1	Hand Washing and Application/Removal of Personal Equip	96.6
					2	Patient Medical Record	91.9
					3	Measure Vital Signs, Height, and Weight	96.7
					4	Transfer Patient from Bed to Wheelchair	91.4
					5	Making an Unoccupied Bed	94.0
2046	Heavy Equipment Maintenance Repair (Test retired 8/31/2009)	Written	927	56.9	1	Maintain/Repair Engine	64.3
					2	Maintain/Repair Power Train	60.2
					3	Maintain/Repair Electrical System	63.4
					4	Test Cooling System	52.2
					5	Maintain/Repair Air System	61.0
					6	Maintain/Repair Brake System	46.4
					7	Welding	60.9
					8	Preventive Maintenance	53.7
					9	Hydraulic Sys Main/Repair	59.6
					10	General Shop Practices	55.4
					11	Air Conditioning	42.3
					12	Heavy Duty Suspension & Steering	53.4

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg				
2046	Heavy Equipment Maintenance Repair (Test retired 8/31/2009)	Perf	585	86.5	1	Test Cooling System	95.9				
					2	Electrical Testing	86.8				
					3	Valve Clearance & Injection Timing	83.3				
					4	Set Carrier Bearing Preload	80.2				
					5	Adjust Brakes	85.3				
					6	Heavy Duty, Pull-Type Clutch Adjustment	89.9				
					7	Cut and Weld Steel	84.7				
3046	Heavy Equipment Maintenance and Repair (New test released 9/1/2009)	No data available									
2048	Home Health Aide (Test retired 8/31/2009)	Written	989	67.9	1	First Aid	76.0				
					2	Abbreviations, Vocabulary, Communication	70.0				
					3	Employability Skills	72.3				
					4	Client Care; Medications	74.0				
					5	Safety	67.0				
					6	Nutrition & Elimination	65.2				
					7	Positioning	62.8				
					8	Client Transfer	57.1				
					9	Personal Care	64.9				
					10	Home Maintenance Management	64.2				
					11	Client Rights	69.2				
					Perf	620	86.3	1	Vital Signs	87.6	
								2	Therapeutic Diet/Meal Planning	81.2	
								3	Bathing & Personal Care of Adult	86.4	
								4	Occupied Bedmaking	87.4	
								5	First Aid for Bleeding	85.5	
				6	Transfer of Client from Bed to Chair	88.7					
3048	Home Health Aide (New test released 9/1/2009)	No data available									
3149	Horticulture - Landscaping	Written	1,182	55.5	1	General Knowledge	61.1				
					2	Pest Management	59.4				
					3	Fundamentals of Irrigation	56.7				
					4	Basic Nursery/Greenhouse Skills	42.0				
					5	Horticulture Business and Retailing	54.5				
					6	Landscape - Design	63.5				
					7	Landscape - Construction	46.5				
					8	Landscape and Turf - Maintenance	56.6				
					9	Arboriculture	45.3				

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg
3149	Horticulture - Landscaping	Perf	606	88.1	1	Identify and Control Pests	78.7
					2	Inspect and Operate Power Equipment	93.3
					3	Plant a Container-Grown Shrub	86.0
					4	Prune a Tree and an Evergreen Shrub	90.3
					5	Stake out a Site Plan--Entrance Walkway	86.2
3249	Horticulture - Olericulture & Pomology	Written	115	50.4	1	General Knowledge	64.2
					2	Pest Management	51.6
					3	Fundamentals of Irrigation	51.3
					4	Basic Greenhouse Skills	37.0
					5	Horticulture - Business and Retailing	53.1
					6	Vegetable and Fruit Production	44.9
					7	Soils	45.3
					8	Seeds and propagation	41.0
		Perf	13	94.5	1	Design a Garden for Salad Production	94.2
						Identify and Control Pests	93.8
						Inspect and Operate Power Equipment	98.5
						Judge and Grade Vegetables	93.4
		2079	Hospitality Management - Food and Beverage Option	Written	19	68.0	1
					2	Guest Relations and Concierge	77.8
					3	Marketing and Sales	57.3
					4	Safety and Security	72.2
					5	Opening and Settling Financial Transactions	46.3
					6	Travel and Tourism	50.5
					7	Legal and Ethical Responsibilities	79.8
					8	Restaurant Management	74.3
					9	Food and Beverage Service	83.1
Perf	17			88.0	1	Demonstrate Napkin Folding	97.9
					2	Identify Equipment	100.0
					3	Perform Table Side Service	84.1
					4	Prepare Chicken Cordon Bleu	94.0
					5	Serve Guests	89.4
					6	Pricing Menu Items	72.1
					7	Complete a Banquet Event Order Sheet	76.1

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg
2080	Hospitality Management - Lodging Option	Written	140	61.1	1	Introduction to the Hospitality Industry	61.0
					2	Guest Relations and Concierge	72.9
					3	Marketing and Sales	57.8
					4	Safety and Security	69.5
					5	Opening and Settling Financial Transactions	49.1
					6	Travel and Tourism	55.1
					7	Legal and Ethical Responsibilities	72.4
					8	Housekeeping Management	59.5
					9	Front Office Procedures	59.1
		Perf	107	85.2	1	Folio and Form Completion	71.1
					2	Housekeeping Room Inspection	85.4
					3	Pricing Menu Items	93.2
					4	Complete a Banquet Event Order Sheet	80.8
					5	Meeting Room Set Up	93.4
		1104	Human Resources Management (New test released 9/1/2009)	No data available			
3045	HVAC	Written	749	48.4	1	Electricity	39.2
					2	Soldering, Brazing, and Welding	52.2
					3	Pipefitting	57.3
					4	Controls	45.0
					5	Installation and Service	43.5
					6	Related Math and Science	53.2
					7	Refrigeration	38.1
					8	Refrigerant Recovery	59.9
					9	General Safety	66.1
					10	Computer Literacy	58.9
					11	Employability Skills	70.0
					12	Air Conditioning	44.0
					13	Heat Pumps and Electric Heat	48.3
					14	Hydronic Systems	48.7
					15	Forced Air, Gas, and Oil Units	51.7
					16	Humidity and Air Movement	31.1
					17	Sheet Metal and Ductwork	35.3
		Perf	639	82.5	1	Gas Furnace Check and Start-Up	86.2
				Air Conditioning	80.1		

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg
3064	HVAC/R	Written	831	52.7	1	Electricity	39.4
					2	Soldering, Brazing, and Welding	54.1
					3	Pipefitting	58.7
					4	Controls	47.4
					5	Installation and Service	47.1
					6	Related Math and Science	57.1
					7	Refrigeration	41.3
					8	Refrigerant Recovery	62.5
					9	General Safety	68.4
					10	Computer Literacy	58.6
					11	Employability Skills	74.2
		Perf	1,107	90.4	1	Gas Furnace Check and Start-Up	90.5
					2	Recover and Replace Refrigerant in a Refrigeration System	90.3
		2050	Industrial Electricity	Written	61	41.0	1
2	AC Theory						40.2
3	Test Equipment						56.3
4	Electrical Drawings						51.7
5	General Wiring						34.1
6	National Electrical Code						35.5
7	Electrical Controls						37.9
8	Generators						41.3
9	Motors						34.0
10	Transformers						38.3
11	Variable Frequency Drives (VFDs)						41.3
12	Programmable Logic Controllers (PLCs)						38.3
13	Safety						44.8
Perf	27			87.5	1	Tools and Materials Identification	91.6
			2	Conduit Bending	81.7		
			3	Wiring a Motor Starter	86.7		
			4	Replacing Ballast in a Fluorescent Fixture	92.8		

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg
2051	Industrial Electronics	Written	665	44.2	1	DC Electricity	59.8
					2	AC Circuits	45.8
					3	Test Equipment	39.8
					4	Semiconductors	51.2
					5	Electronic Circuits	45.0
					6	Digital/Micro	38.2
					7	Transducers	40.8
					8	Ladder Logic and Motors	39.1
					9	Safety	50.0
					10	Programmable Logic Controllers	37.2
		Perf	641	78.5	1	Semiconductor Testing	76.7
					2	Solder/Desoldering Components	82.8
					3	Meter Usage	76.7
					4	Circuit Construction	79.5
					5	Oscilloscope Usage	79.3
					6	Troubleshooting	80.0
					7	Gate Substitution	73.7
2074	Industrial Maintenance Mechanic	Written	7	47.4	1	Machinery and Equipment	48.4
					2	Tools and Safety	61.9
					3	Electronics and Electrical Principles	53.2
					4	Hydraulics and Pneumatics	53.4
					5	Motors and Motor Controls	30.4
					6	Mechanism Drives	35.3
					7	Industrial Robotics Systems	41.8
					8	Blueprints and Schematics	50.4
		Perf	7	63.4	1	Connect and Operate a Circuit	58.3
					2	Assemble a Multiple Shaft Gear Drive System	69.5
					3	Read and interpret an Industrial Blueprint	45.8
			4	Troubleshoot an Electrical Control System	100.0		

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg
2071	Logistics Technology/Distribution Center Services	Written	107	54.2	1	Operations/Safety and Ergonomics	69.5
					2	Operations/Inventory Management	49.0
					3	Operations/Procurement	55.1
					4	Operations/Receiving	51.9
					5	Operations/Putaway	65.0
					6	Operations/Picking (Order Selection)	45.9
					7	Operations/Packing	49.9
					8	Operations/Shipping	52.0
					9	Operations/Material Handling Equipment	46.7
					10	Operations/Technology	48.0
					11	Customer Relations/Direct Communication with Customer	67.3
					12	Customer Relations/Customer Requirement Analysis	56.1
					13	Logistics/Supply Chain Management	46.1
					14	Logistics/Industry Trends and Current Topics	58.9
		Perf	104	90.2	1	Inventory Control/Cycle Count	89.9
					2	Material Handling Equipment	87.3
					3	Receiving	95.5
					4	Order Fulfillment Process	94.8
					5	Bill of Lading	84.8
		2084	Manufacturing Technology	Written	180	48.1	1
2	Workplace Safety, Health, and Job Skills						59.8
3	Quality Assurance						43.8
4	Blueprint Reading						49.3
5	Manufacturing Fundamentals, Processes, and Materials						44.2
6	Material Handling						56.2
7	Industrial Robotics Systems						37.4
8	Computer Use						53.0
9	Process Control						47.2
10	Purchasing and Resource Identification Activities						50.5
11	Electronics and Hydraulics						38.8
12	Design Processes						48.1
Perf	64			74.1	1	Milling Operations	74.1
					2	Assemble A Multiple Shaft Gear Drive System	63.6
		3	Determine Gage Block Combinations		89.3		

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg				
4055	Medical Assisting	Written	317	60.6	1	Medical Office Procedures	61.1				
					2	General Laboratory Procedures and Diagnostic Testing	55.5				
					3	Clinical Procedures	57.7				
					4	Patient Instruction	69.6				
					5	Foundations for Healthcare	66.9				
		Perf	231	94.3	1	Infant Length, Weight, and Head Circumference	94.2				
					2	Applying and Removing Sterile Gloves	96.5				
					3	Capillary Puncture (Simulation)	95.3				
					4	Electrocardiogram	94.9				
					5	Blood Pressure and Pulse Measurement	94.2				
					6	Appointment Scheduling	92.3				
					<hr/>						
					4058	Nursing Assisting	Written	1,252	76.5	1	Basic Nursing Assisting Skills
2	Infection Control	74.1									
3	Communication Skills	74.4									
4	Personal Care Skills	83.6									
5	Mental Health and Social Service Needs	80.9									
6	Client's Rights	80.9									
7	Basic Restorative Devices	74.3									
8	Employability Skills	72.1									
Perf	846	94.3	1	Vital Signs			93.9				
			2	Barrier Techniques			95.1				
			3	Wheelchair Use			94.6				
			4	Occupied Bedmaking			95.5				
			5	Modified Bed Bath			93.2				
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2060	Painting and Decorating	Written	220	54.8	1	Wood Finishing	51.6				
					2	Wall Coverings	49.3				
					3	Safety	64.8				
					4	Special Wall Finishes	48.1				
					5	Equipment	57.6				
					6	Exterior & Interior Painting	48.5				
					7	Color	62.3				
		Perf	211	88.6	1	Prepare and paint a door and door frame	88.4				
					2	Paint interior/exterior wall with door/window	89.1				
					3	Patch dry wall	88.2				
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1107	Performing Arts (New test released 9/1/2009)	No data available									

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg
3061	Plumbing	Written	1,306	55.4	1	Professionalism	89.6
					2	General Practices	56.0
					3	Building Drainage Systems	50.2
					4	Vent Installation	51.0
					5	Traps	45.1
					6	Joining Pipes and Fittings	61.3
					7	Installing Fixtures	55.2
					8	Water Supply Lines	58.1
					9	Hot Water Systems	58.6
					10	Inspections/Safety	62.3
					11	Plumbing Math	46.3
					12	Plumbing Service and Repair	41.2
		Perf	1,548	90.6	1	Install and Pressure Test a DWV System	91.0
					2	Install and Pressure Test a Water Supply System	90.2
3062	Practical Nursing (Test retired 8/31/2009)	Written	18	77.9	1	Communication and Employability	91.7
					2	Legal/Ethical Issues	88.9
					3	Growth and Development	83.3
					4	Anatomy/Physiology	65.9
					5	Patient Care Skills	76.2
					6	Administer Medication	69.6
					7	Infection Control	79.8
					8	Psychosocial Support	84.7
					9	Supervised Management Functions	88.9
		Perf	No data available				
4062	Practical Nursing (New test released 9/1/2009)	No data available					
2475	Pre-Engineering/Engineering Technology	Written	736	55.8	1	Overview of Engineering	68.4
					2	Design Process/Problem Solving	65.1
					3	Manufacturing	47.7
					4	Assembly and Fabrication	53.6
					5	Materials	55.8
					6	Communication and Teamwork	65.7
					7	Safety	52.1
					8	Engineering Systems	50.5
		Perf	270	84.7	1	Technical Writing	84.0
			2	Oral Presentation	85.8		

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg
3052	Precision Machining (Test retired 8/31/2009)	Written	1,493	59.6	1	Organization and Shop Practices	87.0
					2	Measurement/Inspection	69.7
					3	Metallurgical Processes and Heat Treating	62.0
					4	Blueprint Interpretation and Process Planning	41.7
					5	Layout and Benchwork	70.5
					6	Band Saw Machines	57.5
					7	Drill Presses	66.8
					8	Lathes	60.6
					9	Vertical Milling Machines	60.3
					10	Precision Grinding Machines	50.6
					11	CNC Programming, Preparation, Operations	51.4
					12	CNC Programming Using a CAM System	50.1
		Perf	1,019	82.5	1	Milling Operations	85.9
					2	Lathe Operations	79.7
4052	Precision Machining (New test released 9/1/2009)	Written	1	39.6	1	Organization and Shop Practices	80.0
					2	Measurement and Inspection	50.0
					3	Metallurgical Processes and Heat Treating	16.7
					4	Blueprint Interpretation and Process Planning	40.0
					5	Layout and Benchwork	57.1
					6	Band Saw Machines	22.2
					7	Lathes	33.3
					8	Milling Machines	24.0
					9	Surface Grinder	40.0
					10	Computer Numerical Control (CNC) Programming, Prepara	45.5
		Perf	No data available				
2063	Production Agriculture	Written	2,091	56.4	1	Animal Science	62.2
					2	Companion Animals and Aquaculture	69.4
					3	Land use and Stewardship	55.2
					4	Plant Science	50.4
					5	Agriculture Mechanics	59.3
					6	Farm Management and Recordkeeping	49.3
					7	Employability	59.2

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg
2063	Production Agriculture	Perf	1,199	75.9	1	Vehicle Maintenance	90.8
					2	Calculate Net Worth	64.5
					3	Determine Genotypes and Phenotypes (Punnett Square)	60.6
					4	Crop Leaf Identification	66.5
					5	Administer an Injection	84.8
					6	Compute Acreage	83.8
1480	Protective Services	Written	539	63.3	1	Public Safety	64.1
					2	Law Enforcement	61.3
					3	Fire Fighting	71.9
					4	Emergency Medical Services	63.9
					5	Legal Issues	54.8
					6	Career Development	72.9
					7	Homeland Security	56.3
		Perf	513	92.4	1	Street Interview	91.5
					2	Arrest and Search	91.3
					3	Complete an Incident Report	90.7
					4	Chemical Identification	93.7
					5	Fire Suppression Demonstration	94.8
					6	Vital Signs	92.8
					7	Perform CPR on an Adult	93.3
8	Patient Assessment	92.4					
3010	Retail Commercial Baking	Written	630	65.7	1	Safety and Sanitation	70.3
					2	Weights and Measures; General Baking Math	69.9
					3	Identification, Classification, and Properties of Ingredients	56.0
					4	Identification, Classification, and Function of Methods and	65.5
					5	Mise En Place	72.1
					6	Analysis / Assessment / Troubleshooting	57.3
					7	Merchandising of Products	72.7
		Perf	515	88.5	1	Soft Dinner Roll Dough	91.0
					2	Puff Pastry (Cream Horns)	90.6
					3	Cake Decorating	84.8
					4	Biscuits	90.4
			5	Pate A Choux	86.4		

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg
4053	Retail Trades	Written	1,011	66.8	1	Advertising/Promotion	66.0
					2	Communications	77.8
					3	Visual Merchandising	77.6
					4	Marketing/Merchandising	65.5
					5	Electronic Marketing and E-Commerce	64.4
					6	Economics	61.3
					7	Sales and Selling	66.6
					8	Human Relations	73.4
					9	Related Mathematics	63.6
					10	Entrepreneurship	53.4
					11	Professional Development	58.0
		Perf	317	86.6	1	Completing a Sale and Handling Money	89.0
					2	Handling Customer Complaints	89.9
					3	Product Knowledge and Selling	87.0
			4	Retail Math	83.4		
3068	Small Engine Technology	Written	1,432	53.7	1	Safety	66.7
					2	General Shop Practices	65.2
					3	Maintenance	54.5
					4	Lubrication System	55.2
					5	Fuel System	48.2
					6	Carburetor Fundamentals	55.0
					7	Governor	43.2
					8	Ignition	44.0
					9	Starters and Alternators	50.3
					10	Cylinder Head Service and Maintenance	59.1
					11	Engine Assembly	53.6
					12	Troubleshooting	51.3
		Perf	764	85.9	1	Check and Start Engine	88.4
					2	Ignition Service	89.1
			3	Measure Parts	79.5		
			4	Valve Service	82.0		
			5	Carburetor Service	90.0		
			6	Invoicing Parts	82.4		

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg
4054	Technical Drafting	Written	229	57.2	1	Basic Drawing Skills	59.6
					2	Geometric Construction	62.7
					3	Applied Mathematics	74.2
					4	Dimensioning Skills	55.0
					5	Multiview Drawing	51.0
					6	Threads and Fasteners	48.8
					7	Manufacturing Processes	46.7
					8	Design Principles	42.9
		Perf	326	83.3	1	Visualization	80.3
					2	Orthographic Drawing	84.2
					3	Development	83.3
					4	Assembly	87.7
		2427	Television Production	Written	787	59.8	1
2	Pre-Production						58.1
3	Production						60.2
4	Post-Production						51.3
Perf	273			86.7	1	Pre-Production (Planning)	89.5
					2	Production	87.9
					3	Post-Production	85.0
1108	Visual Arts (New test released 9/1/2009)	No data available					
2425	Visual Communications and Multimedia Design	Written	952	59.2	1	Computer Literacy	58.9
					2	Multimedia	53.1
					3	Visual Literacy	67.7
					4	Conceptual Design Process	66.6
					5	Color Theory	59.3
					6	Typography	54.4
					7	Materials and Tools	53.5
					8	Safety	61.0
					9	Career Overview	58.4
		Perf	661	86.9	1	Corporate Logo	87.1
					2	Web Banner	86.7

Test Code	Test Title	Test Type	Total Count	Total Avg	Duty #	Duty	Duty Avg
3072	Welding (Test retired 8/31/2009)	Written	4,307	60.8	1	Safety	70.2
					2	Welding Symbols and Blueprint Reading	70.6
					3	Oxyfuel Cutting and Oxyfuel Welding Process	56.5
					4	Arc Cutting Process	63.2
					5	Physical Characteristics & Mech Prop. of Metals	64.5
					6	Weld Fit-up and Quality	66.9
					7	Shielded Metal Arc Welding (SMAW)	56.1
					8	Gas Metal Arc Welding (GMAW) & Flux Covered Arc Weld	54.8
					9	Gas Tungsten Arc Welding (GTAW)	58.9
		Perf	3,067	87.8	1	Oxyfuel Cutting	83.7
					2	SMAW Vertical Groove	88.6
					3	GMAW Spray Horizontal Fillet	92.7
					4	Aluminum GTAW Horizontal Fillet	86.7
					5	Stainless Steel GTAW Horizontal Fillet	88.2
4072	Welding (New test released 9/1/2009)	Written	20	76.8	1	Safety	86.0
					2	Welding Symbols and Blueprint Reading	81.5
					3	Oxyfuel Cutting (OFC)	82.7
					4	Arc Cutting Process (Carbon Arc and Plasma Arc)	83.5
					5	Physical Characteristics and Mechanical Properties of Metals	69.4
					6	Weld Fit-up and quality (testing and weld inspection)	69.6
					7	Shielded Metal Arc Welding (SMAW)	76.2
					8	Gas Metal Arc Welding (GMAW) and Flux Cored Arc Welding	68.3
					9	Gas Tungsten Arc Welding (GTAW)	80.0
		Perf	5	81.5	1	Oxyfuel Cutting	84.0
					2	SMAW Vertical Groove 3G	72.0
					3	GMAW Horizontal Fillet sF	88.0
					4	Aluminum GTAW Horizontal Fillet 2F	86.4
					5	Stainless Steel GTAW Horizontal Fillet 2F	76.8
3033	Workplace Readiness	Written	4,788	51.5	1	Communications	51.4
					2	Problem Solving and Critical Thinking	45.3
					3	Information Technology Applications	55.5
					4	Systems	52.3
					5	Safety, Health, and Environment	43.6
					6	Leadership and Teamwork	57.2
					7	Ethics and/or Legal Responsibilities	63.2
					8	Employability and/or Career Development	53.0