

Job Ready/Pathway Assessments - National Averages
Post-Secondary
January 1, 2017

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
1437	21st Century Skills for Workplace Success	Written	21	74.0	1	Reading Skills	64.3
					2	Math Skills	59.1
					3	Writing Skills	72.3
					4	Speaking and Listening Skills	77.1
					5	Computer Applications and Digital Media	73.8
					6	Reasoning, Problem-Solving, and Decision Making	79.5
					7	Understanding the "Big Picture"	67.6
					8	Work Ethics	75.4
					9	Positive Attitude	87.8
					10	Independence and Initiative	75.2
					11	Self-Presentation	76.2
					12	Attendance	81.5
					13	Collaboration	80.2
					14	Personal Health and Wellness	84.5
					15	Entrepreneurship	71.4
					16	Personal Finance	63.7
4900	Accounting-Advanced	Written	1,182	70.5	1	Journalizing	72.8
					2	Posting	70.4
					3	Payroll Preparation	67.8
					4	Cash and Banking Procedures	73.3
					5	Merchandise Inventory	67.0
					6	Completion of Accounting Cycle	65.8
					7	Identification and Application of Source Data	77.8
					8	Mechanical and Electrical Accounting Devices	74.4
					9	Security	63.6
					10	Basic Accounting Knowledge	78.5
					11	Advanced Accounting Principles	70.8
		Perf	140	68.5	1	Journal Entries	68.8
					2	Posting Verification	61.1
					3	Payroll	84.8
					4	Complete Worksheet	68.6
					5	Financial Statements	63.1
					6	Ratio and Partial Horizontal Analysis	56.4
					7	Advanced Journal Entries	71.2

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
4000	Accounting-Basic	Written	1,331	66.6	1	Journalizing	66.8
					2	Posting	65.9
					3	Payroll Preparation	62.6
					4	Cash and Banking Procedures	73.6
					5	Merchandise Inventory	62.2
					6	Completion of Accounting Cycle	61.3
					7	Identification and Application of Source Data	75.5
					8	Mechanical and Electrical Accounting Devices	77.1
					9	Security	59.0
					10	Basic Accounting Knowledge	74.0
		Perf	53	59.3	1	Identification of Account Balances	65.0
					2	Journal Entries	56.3
					3	Posting Verification	56.5
					4	Banking	70.3
					5	Payroll	67.1
					6	Complete Worksheet	68.4
					7	Financial Statements	46.9
4101	Administrative Assisting	Written	1,689	76.3	1	Computer Applications	78.9
					2	Working in an Office Environment	81.7
					3	Records Management	72.3
					4	Office Procedures	77.3
					5	Accounting and Computational Skills	67.8
		Perf	225	83.6	1	Business Writing - Memo Preparation	85.5
					2	Document Processing	76.8
					3	Preparing a Spreadsheet	84.4
					4	Creating a Chart	89.7
					5	Creating a Flyer	92.6

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
1205	Administrative Services	Written	31	77.8	1	Business Management Technical Skills	66.3
					2	Administrative Services	72.0
					3	Academic Foundations	77.4
					4	Systems	89.8
					5	Ethics and Legal Responsibilities	89.8
					6	Communications	83.4
					7	Information Technology Applications	80.4
					8	Problem Solving, Critical Thinking, and Decision Making	70.0
					9	Leadership and Teamwork	83.2
					10	Safety, Health, and Environmental	84.3
					11	Employability and Career Development	85.3
4119	Advertising and Design	Written	28	69.5	1	Computer Literacy	71.7
					2	Typography	63.6
					3	Digital Literacy and Application	67.4
					4	Color Theory and Application	79.1
					5	Digital Illustration and Drawing	69.4
					6	Photography	70.2
					7	Production and Printing	66.0
					8	Communication and Career Skills	79.0
					9	Work Environment	67.9
					10	Multimedia	69.3
					11	Digital Image Manipulation	61.0
		Perf	17	91.3	1	Design: Computer Comprehensive-Prepare and Print Files	88.6
					2	Layout: Redesign	96.0
1229	Agricultural Biotechnology	Written	19	78.0	1	Technical Skills	68.1
					2	Academic Foundations	75.9
					3	Systems	84.2
					4	Ethics and Legal Responsibilities	86.5
					5	Communications	78.6
					6	Information Technology Applications	73.7
					7	Problem Solving, Critical Thinking, and Decision-Making	82.5
					8	Leadership and Teamwork	93.2
					9	Safety, Health, and Environmental	79.5
					10	Employability and Career Development	92.5
					11	Agricultural Biotechnology	70.6

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
2102	Agriculture Mechanics	Written	31	52.7	1	Safety	56.5
					2	Welding and Mechanics	42.9
					3	Power and Machinery	58.1
					4	Electrical Power and Process	52.1
					5	Agricultural Structures	52.2
					6	Agribusiness	62.5
					7	Environmental and Natural Resource Systems	40.9
					8	Careers in Agriculture Mechanics	48.4
					Perf	No data available	
1227	Animal Systems	Written	57	78.4	1	Technical Skills	67.3
					2	Academic Foundations	76.1
					3	Systems	87.1
					4	Ethics and Legal Responsibilities	83.2
					5	Communication	79.1
					6	Information Technology Applications	80.4
					7	Problem Solving, Critical Thinking, and Decision-Making	86.0
					8	Leadership and Teamwork	89.7
					9	Safety, Health, and Environmental	75.4
					10	Employability and Career Development	90.2
					11	Animal Science	74.2
3018	Apparel & Textiles Prod & Merchandising	No data available					
4004	Architectural Drafting	Written	144	64.1	1	Preparing To Draw	69.4
					2	Geometric Construction	72.6
					3	Applied Mathematics	64.0
					4	Drawing Techniques - Supplementary Views	57.9
					5	Planning	62.8
					6	Architectural Drawing Types	63.3
					7	Site Plans	66.5
					8	Structural Drawings	64.3
					9	Mechanical and Electrical Systems	57.9
					10	Supplemental Drafting Activities	71.0
					11	Specifications	57.5
					12	Sustainable Architecture and Design	56.6

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg			
4004	Architectural Drafting	Perf	24	40.5	1	Architectural Symbols and Abbreviations	43.2			
					2	Elevation	38.4			
					3	Kitchen and Bath Floor Plan	41.0			
3005	Audio-Visual Communications	Written	41	57.8	1	Photography	54.9			
					2	Computer Based Technology	56.2			
					3	Audio and Video Production	58.2			
					4	Creative Development	57.5			
					5	Visual Design	53.1			
					6	Project Management	60.2			
					7	Equipment Operation, Maintenance, and Troubleshooting	52.6			
					8	Network Technology	63.9			
					9	Related Information	80.5			
					Perf	No data available				
4008	Automotive Technician-Advanced	Written	1,087	67.0	1	Customer Relations and Shop Procedures	73.0			
					2	Engine Repair	72.6			
					3	Automatic Transmission/Transaxle	71.1			
					4	Manual Drive Train and Axles	63.2			
					5	Suspension and Steering	67.8			
					6	Brakes	66.7			
					7	Electrical/Electronic Systems	63.0			
					8	Heating and Air Conditioning	61.8			
					9	Engine Performance	67.8			
					Perf	55	83.6	1	Identification of Parts	70.1
								2	Disc Brake Assembly Service	86.9
								3	Tire Service and Balance	88.5
								4	Cylinder Head Service	69.6
								5	Perform Fuel System Pressure Test	89.2
								6	Windshield Washer Circuit Inoperative	86.3
								7	Test & Diagnose Battery, Starting, & Charging Sys	82.8
								8	Test Electronic Engine Control Components	92.0

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
4309	Automotive Technician-Core	Written	97	65.0	1	Engine Repair	68.5
					2	Automatic Transmission and Transaxle	68.6
					3	Manual Drive Train and Axles	57.8
					4	Suspension and Steering	69.9
					5	Brakes	70.8
					6	Electrical and Electronic Systems	65.8
					7	Heating and Air Conditioning	60.9
					8	Engine Performance	60.9
					9	Customer Relations and Shop Procedures	69.6
		Perf	10	79.4	1	Brakes: Disc Brake Assembly Service	71.2
					2	Electrical/Electronic Systems: Test and Diagnose Battery, Startin	79.1
					3	Engine Performance: Test Electronic Engine Control Component	81.4
					4	Suspension and Steering: Tire Service and Balance	94.0
		1096	Banking and Related Services	Written	32	78.1	1
2	Technical Skills - Banking and Related Services						76.4
3	Academic Foundations						69.4
4	Systems						79.4
5	Ethics and Legal Responsibilities						81.3
6	Communication						80.8
7	Information Technology Applications						80.5
8	Problem Solving, Critical Thinking, and Decision Making						78.8
9	Leadership and Teamwork						95.3
10	Safety, Health and Environmental						80.2
11	Employability and Career Development						94.5
4075	Biotechnology	No data available					
1106	Broadcasting and Journalism	No data available					
4011	Building Construction Occupations (New test released 9/1/2016)	No data available					

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
4012	Building Trades Maintenance	Written	99	60.4	1	Safety	67.1
					2	Tools and Materials	58.3
					3	Carpentry	55.5
					4	Painting and Wall Covering	54.5
					5	Masonry	60.2
					6	Electrical	56.0
					7	Plumbing	77.2
					8	General Maintenance	51.2
					9	Grounds and Equipment Maintenance	61.5
					10	HVAC (Heating, Ventilation, and Air Conditioning)	61.4
		Perf	72	93.8	1	Carpentry: Construct Frame	88.6
					2	Plumbing: Sweat Piping	96.7
					3	Electricity: Rough Wiring	95.6
					4	Drywall	93.6
					5	Electricity: Finish Wiring	98.6
1095	Business Financial Management	Written	23	76.7	1	Cluster Technical Skills - Finance	75.5
					2	Technical Skills - Business Financial Management	70.7
					3	Academic Foundations	72.7
					4	Systems	76.5
					5	Ethics and Legal Responsibilities	77.5
					6	Communication	77.6
					7	Information Technology Applications	72.8
					8	Problem Solving, Critical Thinking, and Decision Making	78.7
					9	Leadership and Teamwork	92.8
					10	Safety, Health and Environmental	79.0
					11	Employability and Career Development	96.7
4013	Business Information Processing	Written	206	74.1	1	Computer Concepts and Applications	75.7
					2	Internet Operations	75.3
					3	Computer Operations	75.3
					4	Reporting and Data Management	78.1
					5	Business Software Applications	79.4
					6	Business Math	62.5
					7	Communications	73.4
					8	Office Environment Safety	70.6

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
4013	Business Information Processing	Perf	31	76.9	1	File Management	77.1
					2	Spreadsheet	70.4
					3	Word Processing: Create and Format	80.0
					4	Word Processing: Table Creation	74.1
					5	Presentations	93.1
3014	Cabinetmaking	Written	167	72.3	1	Safety	75.0
					2	Design and Layout	69.6
					3	Estimating and Measuring	70.1
					4	Hand and Portable Power Tools	74.8
					5	Stationary Saws	66.1
					6	Boring Machines	77.1
					7	Milling	69.9
					8	Assembly	74.0
					9	Finishing	76.3
					10	Installation	66.5
		Perf	No data available				
4973	CAD	Written	576	67.9	1	Identify Hardware and Operating Systems	71.1
					2	Use Hardware and Operating Systems	81.8
					3	Interpret and Read Blueprints	68.2
					4	Create and Manipulate Mechanical Drawing Information	66.4
					5	Draw and Design Assemblies	77.4
					6	Use 3-D Modeling	58.7
		Perf	69	86.3	1	Create a 2-D Orthographic Drawing with a section view	84.0
					2	Create a 3-D Solid Model	92.1
					3	Create two parts to be mated and mate the parts	84.4
3073	CAD-CAM	No data available					

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
1100	Career Skills	Written	107	52.7	1	Communications	56.4
					2	Problem Solving and Critical Thinking	35.6
					3	Information Technology Applications	69.9
					4	Systems	43.5
					5	Safety, Health and Environment	49.5
					6	Leadership, Management and Teamwork	65.6
					7	Ethics and/or Legal Responsibilities	57.5
					8	Employability and/or Career Development	50.7
4115	Carpentry	Written	386	66.3	1	Safety	75.1
					2	Tools and Accessories	77.5
					3	Blueprint Reading and Estimation Skills	63.2
					4	Foundations, Forms, and Concrete	64.3
					5	Rough Framing	65.4
					6	Exterior Finish	66.0
					7	Interior Systems Installation	62.1
					8	Interior Finish	55.3
					9	Carpentry-Related Mathematics	67.1
		Perf	78	85.3	1	Tool and Material Identification	88.0
					2	Square Layout	85.9
					3	Establish a Starting Course for Vinyl Siding Using a Builder's Level	90.1
					4	Blueprint Reading/Sole Plate Layout	82.7
					5	Rafter Layout	84.8
					6	Stairway Stringer	81.2
					7	Interior Frame	85.6
4106	Collision Repair	Written	102	70.9	1	Safety	78.7
					2	Business Fundamentals	78.8
					3	MIG/GMAW and STRSW	59.6
					4	Structural	69.0
					5	Non-Structural	71.5
					6	Mechanical and Electrical Systems	71.5
		Perf	No data available				

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
3183	Collision Repair and Refinishing Technology	Written	37	70.4	1	Safety	74.4
					2	Business Fundamentals	74.6
					3	MIG/GMAW and STRSW	62.3
					4	Structural	65.3
					5	Non-Structural	70.4
					6	Mechanical and Electrical Systems	73.5
					7	Painting and Refinishing	72.8
		Perf	No data available				
4020	Commercial Foods	Written	239	75.9	1	Safety	89.5
					2	Sanitation	80.4
					3	Culinary Career Overview	79.1
					4	Culinary Techniques	77.9
					5	Recipes and Culinary Math	60.6
					6	Purchasing and Management Skills	72.5
					7	Menu Design and Nutrition	67.9
					8	Customer and Table Service	74.6
					9	Culinary Equipment	81.6
		Perf	39	80.1	1	Identification of Hand Tools, Herbs, Spices, and Flavorings	83.9
			2	Knife skills	80.1		
			3	Cooking skills	79.5		
4514	Computer Networking Fundamentals	Written	11	68.0	1	PC Principles	76.6
					2	Network Connections	74.4
					3	Physical Connection Types	70.1
					4	Network Standards and Devices	64.5
					5	Network Troubleshooting	66.5
					6	Routing and Switching	70.8
					7	Network Terminology	68.9
					8	Network Architecture	56.4
					9	Network Addressing	62.8
					10	Security	69.7
					11	Network Planning and Design	66.4
Perf	No data available						

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
4023	Computer Programming	Written	225	67.7	1	Analyze Programming Problems and Flowchart Solutions	63.6
					2	Design Program Solutions	71.7
					3	Code Programs	67.9
					4	Test Programs	61.3
					5	Maintain Programs	67.9
					6	Complete User Documentation and Technical Writing	66.3
					7	General Information and Concepts	72.3
		Perf	16	50.5	1	Write a program	40.7
					2	Design Solution Logic	65.5
		4515	Computer Repair Technology	Written	44	70.9	1
2	Installing, Configuring, and Upgrading						62.7
3	Diagnosing and Troubleshooting						67.4
4	Preventive Maintenance						78.7
5	System Boards, Storage, Processors, and Memory						58.9
6	Input-Output (I/O) Devices						77.5
7	Printing						68.4
8	Basic Networking						68.5
9	Security						90.7
10	Customer Support and Ethics						73.1
Perf	11			84.7	1	Device Identification	62.1
					2	Installing New Hardware/Troubleshooting	92.1
					3	Network Connectivity	88.1
4122	Computer Technology	Written	605	74.4	1	Professional Standards, Ethics, and Business Practices	82.6
					2	General Computer Knowledge and Concepts	72.7
					3	PC (Personal Computer) Hardware Knowledge	64.1
					4	PC (Personal Computer) Software Knowledge	85.0
					5	Networking and Data Communications	66.9
					6	Security	81.5
		Perf	No data available				

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
1128	Construction	Written	27	56.0	1	Technical Skills	37.6
					2	Academic Foundations	62.7
					3	Systems	41.4
					4	Ethics and Legal Responsibilities	49.4
					5	Communications	55.6
					6	Information Technology Applications	46.7
					7	Problem Solving, Critical Thinking, and Decision Making	64.0
					8	Leadership and Teamwork	66.7
					9	Safety, Health, and Environmental	73.6
					10	Employability and Career Development	71.6
					11	Construction	51.6
<hr/>							
4025	Construction Masonry-Block	No data available					
<hr/>							
4125	Construction Masonry-Brick	Written	54	72.7	1	Safety	76.4
					2	Craft Knowledge	87.0
					3	Hand and Power Tools	80.9
					4	Materials	79.5
					5	Blueprints and Specifications	68.5
					6	Project Layout	68.8
					7	Brick	73.8
					8	Fireplaces and Chimneys	70.4
					9	Flashing, Weeps, and Insulation	67.2
					10	Math and Measurements	52.1
					11	Masonry Structure Maintenance	66.1
					12	Professionalism	91.4
				Perf	No data available		
<hr/>							
4082	Cosmetology	Written	83	73.4	1	Safety and Sanitation	76.4
					2	Scientific Concepts	69.0
					3	Salon-Related Business Skills	85.4
					4	Physical Services	76.2
					5	Chemical Services	69.4
					6	Hair Designing	68.5
				Perf	No data available		

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
4181	Criminal Justice	Written	28	77.2	1	Crime Scene Management	75.0
					2	Use of Force	76.7
					3	Criminal Law and Procedures	78.2
					4	Court System	77.6
					5	Health and Safety	62.0
					6	Police Concepts and Skills	76.1
					7	Corrections	75.7
					8	Communication	85.0
					9	Security: National, International, and Private	85.4
					10	Understand and Work with Special Populations	79.3
		Perf	No data available				
1890	Criminal Justice Advanced	Written	582	69.2	1	Criminal Justice Systems	70.5
					2	Criminal Justice Procedures	76.9
					3	Crime Scene Investigation and Evidence Handling	68.1
					4	Interview and Interrogation	65.9
					5	Criminal Law and Courtroom Procedures	63.5
					6	Issues and Ethics in Criminal Justice	73.2
4236	Culinary Arts Level 1 Prep Cook	Written	968	81.4	1	Recipes	81.2
					2	Knife Skills	79.7
					3	Large and Small Equipment	78.7
					4	Sanitation and Safety	87.6
					5	Cold Food Preparation	86.3
					6	Fruits, Vegetables, and Starches	71.7
					7	Bakery Products	80.7
					8	Stocks, Sauces, and Hot Soups	80.2
					9	Meats, Poultry, Fish and Seafood	79.4
					10	Breakfast Foods	84.8
					11	Dairy Products and Alternatives	81.5
					12	Receiving and Storage	76.6
					13	Nutritional Values	83.7
					14	Employability Skills	80.7

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
4236	Culinary Arts Level 1 Prep Cook	Perf	135	77.3	1	Comprehensive Skills	79.7
					2	Identification of Kitchen Equipment	74.9
					3	Identification of herbs, spices, fruits, and vegetables	72.0
					4	Knife sharpening: stone and steel	78.4
					5	Mise En Place	74.6
					6	Prepare Chef Salad with Vinaigrette Dressing	80.1
					7	Prepare Cheese Omelet	75.6
4336	Culinary Arts Level 2 Cook	Written	684	76.8	1	Recipes	82.1
					2	Knife Skills	79.2
					3	Large and Small Equipment	77.9
					4	Sanitation and Safety	85.8
					5	Cold Food Preparation	77.5
					6	Fruits, Vegetables, and Starches	69.6
					7	Bakery Products	72.9
					8	Stocks, Sauces, and Hot Soups	71.2
					9	Meats, Poultry, Fish and Seafood	76.8
					10	Breakfast Foods	76.3
					11	Dairy Products and Alternatives	74.5
					12	Receiving and Storage	74.8
					13	Nutritional Values	79.7
					14	Management and Employability Skills	77.8
					15	Customer Service	78.0
		Perf	171	82.9	1	Comprehensive Skills	85.8
					2	Prepare Chicken Florentine with Tomato Concasse	82.5
					3	Prepare Rice Pilaf	82.2
					4	Prepare Steamed Green vegetables	80.8
					5	Prepare Apple Crostata with Crème Anglaise	83.1
4126	Dental Assisting	Written	585	74.1	1	Introduction to the Dental Assisting Profession	81.2
					2	Communication Skills	85.4
					3	Infection Control and Hazard Management	73.8
					4	Clinical Procedures	72.3
					5	Radiological and Digital Imaging Procedures	75.1
					6	Clerical Functions	77.2
					7	Dental Sciences	65.2

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
4126	Dental Assisting	Perf	94	96.0	1	Prepare Instruments for Autoclaving	97.2
					2	Assemble Equipment to Expose Radiographic Film	95.4
					3	Mount Full Series Radiographs	94.9
					4	Assemble and Disassemble Aspirating Syringe	97.6
					5	Take a Single Mandibular Alginate Impression	95.4
					6	Prepare Class III (Anterior) Composite Instrument Tray	94.3
1127	Design and Pre-Construction	No data available					
1186	Diagnostic Services	No data available					
4127	Diesel Technology	Written	221	65.4	1	Safety	74.8
					2	Shop Practices, Tools, and Equipment	71.0
					3	Diesel Engines	71.5
					4	Suspension and Steering	65.7
					5	Brakes	52.0
					6	Electrical and Electronic Systems	64.7
					7	Drivetrains	61.3
					8	Preventive Maintenance	59.0
		Perf	18	97.0	1	Cylinder Liner Installation	97.9
					2	Perform a Wheel Bearing Adjustment and Brake Stroke Measure	93.8
					3	Check and Adjust Rocker Lever Clearance	98.5
					4	Perform a Coolant System Inspection	97.0
					5	Electrical Testing	98.4
1236	Early Childhood Development and Services	No data available					

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
4017	Early Childhood Education and Care-Advanced	Written	1,428	83.9	1	Health and Safety	90.1
					2	Cognitive Development	74.6
					3	Language Development and Communication	86.0
					4	Physical Development	81.2
					5	Social and Emotional Development	84.5
					6	Community and Family Relationships	93.4
					7	Observation, Documentation, and Assessment	80.3
					8	Professionalism	87.2
					9	Classroom Organization and Arrangement	84.3
					10	Creativity	87.8
					11	Diversity in the Classroom	81.3
					12	Inclusion of Children with Special Needs	74.3
					13	Positive Guidance Techniques and Reinforcement	89.7
		Perf	21	81.6	1	Curriculum Planning	77.1
					2	Small Group Teaching	85.8
					3	Arrange a Room	77.7
4016	Early Childhood Education and Care-Basic	Written	1,811	83.9	1	Health and Safety	88.7
					2	Cognitive Development	78.4
					3	Language Development and Communication	84.0
					4	Physical Development	78.1
					5	Social and Emotional Development	83.8
					6	Community and Family Relationships	90.4
					7	Observation, Documentation, and Assessment	83.4
					8	Professionalism	84.4
					9	Classroom Organization and Arrangement	88.2
					10	Creativity	86.1
					11	Diversity in the Classroom	80.3
					12	Inclusion of Children with Special Needs	73.3
					13	Positive Guidance Techniques and Reinforcement	86.1
		Perf	No data available				

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
1125	Education and Training	Written	27	76.8	1	General Education Technical Skills	80.1
					2	Teaching and Training Technical Skills	78.1
					3	Academic Foundations	65.0
					4	Systems	80.2
					5	Ethics and Legal Responsibilities	75.2
					6	Communications	75.9
					7	Information Technology Applications	74.1
					8	Problem Solving and Critical Thinking	71.9
					9	Leadership and Teamwork	87.5
					10	Safety, Health, and Environmental	72.8
					11	Employability and Career Development	82.5
2039	Electric Power and Distribution	Written	380	70.1	1	Maintain a Safe Work Environment	81.8
					2	Perform Job Site Planning Activities	71.2
					3	Climbing Skills	85.8
					4	Pole Framing and Construction Specifications	62.9
					5	Equipment Operation	56.5
					6	Setting and Replacing Poles	79.1
					7	Transformer Installation	78.4
					8	Service Installation and Metering	73.0
					9	Conductor Installation and Repair	76.6
					10	Rubber Gloving Methods	69.0
					11	Underground Distribution	59.9
					12	Substations and Voltage Regulation	65.6
					13	Fusing and System Coordination	59.5
					14	Maintain Line Equipment and Tools	72.3
					15	Maintain Records/Documentation	63.7
					16	Problem Solving and Troubleshooting	74.1
		Perf	258	91.2	1	Hurtman Rescue Using A Handline	87.3
					2	Transformer Connections	85.2
					3	Material and Tool Identification	88.4
					4	Tool Identification and Use	95.0
					5	Knot Tying	92.5
					6	Truck Operation	96.7
					7	Meter Installation	86.1

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
4130	Electrical Construction Technology	Written	919	69.9	1	Introduction to the Electrical Construction Technology Career	83.1
					2	OSHA Regulations and Electrical Safety Practices	69.7
					3	Meters, Measurements, Testing	75.2
					4	Identification and Selection of Tools, Materials, and Component	77.3
					5	National Electrical Code (NEC)	70.2
					6	Blueprints, Specifications, and Estimations	73.8
					7	AC Theory, Magnetic Theory, and DC Theory	70.8
					8	Circuit Theorems and Conversions	66.9
					9	Wiring, Circuits, and Installation	65.7
					10	Green and Renewable Technology	59.0
					11	Transformers	68.7
					12	Motors	60.9
		Perf	267	86.5	1	Bend Conduit	86.4
					2	Switching and GFCI Receptacle in a Residential Setting	84.6
					3	Install Two Smoke Alarms in a Commercial Setting	89.7
3029	Electrical Occupations	Written	752	69.4	1	Safety	73.1
					2	Wiring Methods	67.1
					3	Tools	92.4
					4	Motors and Motor Controls	75.3
					5	National Electrical Code	70.5
					6	Blueprint Reading	74.7
					7	Applied Mathematics	71.8
					8	Alternating Current (AC)	63.3
					9	Direct Current (DC)	48.0
		Perf	99	92.7	1	Install Cable from Meter Base to Service Entrance Panel	93.1
					2	Install GFCI Circuit Breaker in Existing 100 AMP Panel	94.5
					3	Wire Lighting Control	91.4
					4	Install Door Chimes	93.0

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg		
3034	Electronics	Written	257	64.5	1	Safety	80.6		
					2	DC Circuits	71.1		
					3	AC Circuits	61.3		
					4	Solid State Circuits	50.3		
					5	Soldering and De-Soldering	58.0		
					6	Use of Equipment	66.6		
					7	Digital Theory	69.8		
					8	Electronics-Related Mathematics	66.3		
		Perf	11	69.5	1	IC Identification	85.5		
					2	DC Circuit Construction and Analysis	61.9		
					3	Power Supply Construction and Analysis	69.1		
					4	De-Soldering and Soldering	88.7		
					5	CE Amplifier Construction and Analysis	56.4		
		4035	Electronics Technology	Written	174	62.1	1	Safety Practices	70.5
							2	Fundamental Electrical Principles and Theory	66.7
							3	Digital Electronic Circuits	64.7
							4	Electronic Device Analysis and Applications	55.7
5	Electronic Testing Equipment						73.0		
6	Direct Current (DC) Circuit Analysis						63.2		
7	Alternate Current (AC) Analysis						54.7		
8	Prototyping and Fabrication Techniques						53.6		
9	Careers in Electronics						66.8		
Perf	No data available								
1135	Emergency and Fire Management Services	Written	18	61.9	1	General Skills	55.1		
					2	Academic Foundations	65.3		
					3	Systems	53.7		
					4	Ethics and Legal Responsibilities	53.5		
					5	Communications	73.8		
					6	Information Technology Applications	76.7		
					7	Problem Solving, Critical Thinking, and Decision Making	54.0		
					8	Leadership and Teamwork	55.6		
					9	Safety, Health, and Environmental	66.2		
					10	Employability and Career Development	62.5		
					11	Emergency and Fire Management Services	62.4		

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg	
1138	Emergency Medical Services	No data available						
1237	Family and Community Services	No data available						
4002	Fashion Merchandising	No data available						
1094	Financial and Investment Planning	No data available						
2120	Financial and Managerial Accounting	Written	200	73.3	1	Journalizing	73.7	
					2	Cash and Banking Procedures	73.7	
					3	Merchandise Inventory	73.8	
					4	Financial Statements	67.8	
					5	Competence in Technology	92.9	
					6	Internal Control	79.9	
					7	Basic Accounting Knowledge	80.5	
					8	Advanced Accounting Practices	66.5	
4049	Floriculture	No data available						
4949	Floriculture-Greenhouse	No data available						
3037	Forest Products and Processing	Written	79	56.2	1	Safety	79.4	
					2	Logging, Harvesting	52.1	
					3	Tree Identification	68.4	
					4	Sawmill Operation	41.3	
					5	Diesels and Hydraulics	53.9	
					6	Chain Saws	54.0	
					7	Silviculture and Forest Management	51.9	
					8	Forest Ecology and Protection	59.7	
					9	Surveying	53.1	
					10	Timber Cruising	45.0	
					11	Wildlife	58.5	
					12	Business Management and Employability Skills	76.6	
		Perf	No data available					

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
0177	Fundamentals of Construction	No data available					
1203	General Management	Written	637	78.3	1	Business Management Technical Skills	66.3
					2	General Management	81.8
					3	Academic Foundations	77.2
					4	Systems	87.2
					5	Ethics and Legal Responsibilities	88.4
					6	Communications	75.4
					7	Information Technology Applications	79.2
					8	Problem Solving, Critical Thinking, and Decision Making	68.4
					9	Leadership and Teamwork	81.9
					10	Safety, Health, and Environmental	84.6
					11	Employability and Career Development	82.8
4242	Graphic Production Technology	Written	31	68.9	1	Introduction to Printing	73.2
					2	Electronic Publishing and Printing, Pre-Press, and Output	74.7
					3	Offset Press Operations	58.4
					4	Digital Operations	66.7
					5	Binding, Finishing, and Distribution Processes	62.7
		Perf	No data available				
4143	Health Assisting	Written	17	65.9	1	First Aid and General Safety	73.6
					2	Medical Terminology	65.1
					3	Body Systems	67.4
					4	Observation and Communication	61.2
					5	Documentation and Legal Issues of the Health Assisting Profession	76.1
					6	Health Assistant Skills	59.6
		Perf	16	95.4	1	Hand Washing and Personal Protective Equipment (PPE)	94.4
					2	Change a Patient Gown	98.8
					3	Measure Vital Signs, Height, and Weight	93.4
					4	Transfer Patient from Bed to Wheelchair	94.8

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
1187	Health Informatics	Written	1429	83.3	1	General Health Sciences Technical Skills	81.3
					2	Academic Foundations	83.6
					3	Systems	91.0
					4	Ethics and Legal Responsibilities	85.4
					5	Communication	73.3
					6	Information Technology	89.4
					7	Problem Solving, Critical Thinking, and Decision Making	78.7
					8	Leadership and Teamwork	91.5
					9	Safety, Health, and Environment	75.2
					10	Employability and Career Development	93.5
					11	Health Informatics	83.4
3064	Heating, Ventilation, Air Cond., and Refrigeration	Written	895	60.9	1	Electricity	50.1
					2	Soldering, Brazing, and Welding	61.4
					3	Pipefitting	64.4
					4	Controls	56.7
					5	Installation and Service	58.5
					6	Related Math and Science	69.0
					7	Refrigeration	45.4
					8	Refrigerant Recovery	69.2
					9	General Safety	72.9
					10	Computer Literacy	66.8
					11	Employability Skills	82.2
		Perf	128	91.9	1	Gas Furnace Check and Start-Up	88.1
					2	Recover/Replace Refrigerant in a Refrig Sys	95.7

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
3045	Heating, Ventilation, and Air Conditioning	Written	802	59.0	1	Electricity	48.5
					2	Soldering, Brazing, and Welding	61.5
					3	Pipefitting	67.6
					4	Controls	55.4
					5	Installation and Service	55.3
					6	Related Math and Science	66.1
					7	Refrigeration	46.2
					8	Refrigerant Recovery	70.3
					9	General Safety	73.2
					10	Computer Literacy	67.2
					11	Employability Skills	82.6
					12	Air Conditioning	57.2
					13	Heat Pumps and Electric Heat	61.4
					14	Hydronic Systems	62.3
					15	Forced Air, Gas, and Oil Units	65.1
					16	Humidity and Air Movement	46.5
					17	Sheet Metal and Ductwork	39.0
		Perf	370	89.4	1	Gas Furnace Check and Start-Up	90.2
					2	Air Conditioning	88.9
3046	Heavy Equipment Maintenance and Repair	Written	261	69.2	1	Maintain and Repair Engine	70.3
					2	Maintain and Repair Power Train	73.0
					3	Maintain and Repair Electrical System	70.7
					4	Maintain and Repair Brake System	60.7
					5	Welding	68.1
					6	Preventive Maintenance	76.5
					7	Maintain and Repair Hydraulic System	65.6
					8	General Shop Practices	74.1
					9	Air Conditioning	73.4
					10	Heavy Equipment Undercarriage	56.1
		Perf	32	82.5	1	Test Cooling System	96.1
					2	Electrical Testing	89.0
					3	Adjust Valve Clearance	96.9
					4	Set Carrier Ring and Pinion Backlash	88.3
					5	Identify Brake Components	95.0
					6	Measure and Adjust Track	59.2
					7	Cut and Weld Steel	55.2

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg	
4048	Home Health Aide	No data available						
4149	Horticulture-Landscaping	Written	481	75.2	1	General Knowledge	78.6	
					2	Pest and Disease Management	76.3	
					3	Fundamentals of Irrigation	82.0	
					4	Basic Nursery/Greenhouse Skills	71.0	
					5	Horticulture Business and Retailing	77.1	
					6	Landscape Design	60.9	
					7	Landscape Installation and Construction	67.7	
					8	Landscape and Turf Maintenance	78.8	
					9	Arboriculture	78.5	
		Perf	10	28.8	1	Identify and Control Pests	28.9	
					2	Identify Equipment Features	29.1	
					3	Plant a Container-Grown Shrub	28.7	
					4	Prune a Tree and an Evergreen Shrub	28.0	
					5	Stake Out a Site Plan - Entrance Walkway	29.2	
3079	Hospitality Management-Food and Beverage	Written	135	78.9	1	Introduction to the Hospitality Industry	83.0	
					2	Guest Relations and Concierge	89.7	
					3	Marketing and Sales	78.5	
					4	Safety and Security	80.6	
					5	Opening and Settling Financial Transactions	72.5	
					6	Travel and Tourism	75.6	
					7	Legal and Ethical Responsibilities	85.1	
					8	Restaurant Management	77.3	
					9	Food and Beverage Service	72.9	
		Perf	No data available					

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
3080	Hospitality Management-Lodging	Written	99	77.2	1	Introduction to the Hospitality Industry	83.6
					2	Guest Relations and Concierge	89.8
					3	Marketing and Sales	78.3
					4	Safety and Security	75.7
					5	Opening and Settling Financial Transactions	68.6
					6	Travel and Tourism	86.4
					7	Legal and Ethical Responsibilities	88.3
					8	Housekeeping Management	70.7
					9	Front Office Procedures	72.0
		Perf	12	85.1	1	Folio and Form Completion	81.7
					2	Customer relations role play	77.4
					3	Pricing Menu Items	98.5
					4	Complete a Banquet Event Order Contract Form	81.5
					5	Set up continental breakfast buffet table	96.0
1204	Human Resources Management	Written	12	79.6	1	Business Management Technical Skills	67.2
					2	Human Resources Management	83.3
					3	Academic Foundations	76.3
					4	Systems	93.1
					5	Ethics and Legal Responsibilities	93.1
					6	Communications	81.0
					7	Information Technology Applications	76.1
					8	Problem Solving, Critical Thinking, and Decision Making	67.9
					9	Leadership and Teamwork	89.3
					10	Safety, Health, and Environmental	86.1
					11	Employability and Career Development	85.0
2111	HVACR-Installation and Start-up	No data available					

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
2110	HVACR-Service and Repair	Written	30	54.5	1	OSHA Guidelines and General Safety	71.4
					2	Related Math, Building Science, Blueprints, and Tools	56.5
					3	Electricity	55.6
					4	Pipe Fitting, Soldering, and Brazing	63.8
					5	Airflow and Ductwork	45.2
					6	Warm Air Systems	52.1
					7	Hydronic Systems	34.4
					8	Air Conditioning - Residential	51.9
					9	Heat Pumps, Electric Heat	44.0
					10	Refrigeration	47.3
Perf		No data available					
2050	Industrial Electricity	Written	1,593	54.7	1	DC Theory	59.9
					2	AC Theory	48.9
					3	Test Equipment	76.8
					4	Electrical Drawings	66.7
					5	General Wiring	45.7
					6	National Electrical Code	49.8
					7	Electrical Controls	54.8
					8	Generators	61.7
					9	Motors	46.8
					10	Transformers	52.7
					11	Variable Frequency Drives (VFDs)	54.7
					12	Programmable Logic Controllers (PLCs)	47.4
					13	Safety	57.5
					Perf		28
				2	Conduit Bending	89.5	
				3	Wiring a Motor Starter	90.5	
				4	Replacing Ballast in a Fluorescent Fixture	90.2	

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
2051	Industrial Electronics	Written	751	54.1	1	DC Electricity	57.9
					2	AC Circuits	47.8
					3	Test Equipment	55.7
					4	Semiconductors	48.5
					5	Electronic Circuits	43.2
					6	Digital/Micro	52.6
					7	Transducers	58.3
					8	Ladder Logic and Motors	38.3
					9	Safety	71.8
					10	Programmable Logic Controllers	78.9
		Perf	94	88.7	1	Semiconductor Testing	86.3
					2	Solder/Desoldering Components	97.8
					3	Meter Usage	84.1
					4	Circuit Construction	94.4
					5	Oscilloscope Usage	80.6
					6	Troubleshooting	89.1
					7	Gate Substitution	78.6
2074	Industrial Maintenance Mechanics	Written	689	56.4	1	Machinery and Equipment	63.8
					2	Tools and Safety	68.7
					3	Electronics and Electrical Principles	62.5
					4	Hydraulics and Pneumatics	58.0
					5	Motors and Motor Controls	43.5
					6	Mechanism Drives	41.8
					7	Industrial Robotics Systems	52.9
					8	Blueprints and Schematics	55.1
		Perf	26	54.4	1	Connect and Operate a Circuit	31.6
					2	Assemble a Multiple Shaft Gear Drive System	30.8
					3	Read and interpret an Industrial Blueprint	66.1
					4	Troubleshoot an Electrical Control System	85.7

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
1131	Information Support and Services	Written	12	75.6	1	Information Technology Applications	69.3
					2	Academic Foundations	69.7
					3	Systems	73.7
					4	Ethics and Legal Responsibilities	84.3
					5	Communications	68.2
					6	Problem Solving, Critical Thinking, and Decision Making	73.6
					7	Leadership and Teamwork	86.7
					8	Safety, Health, and Environmental	81.5
					9	Employability and Career Development	77.1
					10	Information Support and Services	80.3
1132	Interactive Media	No data available					
1032	Interior Decorating and Design	Written	35	77.6	1	Safety and Environmental Issues	83.1
					2	Elements and Principles of Design	75.9
					3	Textiles, Fibers, and Fabrics	65.2
					4	Interior Materials and Products	73.1
					5	Furnishings and Accessories	77.3
					6	Art Periods and Design Styles	60.0
					7	Visual Presentation	80.9
					8	Technical Knowledge	74.3
					9	Retail Operation Procedures	86.3
					10	Marketing Skills	84.7
					11	Housing Issues	81.7
1137	Legal Services	Written	135	72.4	1	General Skills	65.6
					2	Academic Foundations	76.9
					3	Systems	74.8
					4	Ethics and Legal Responsibilities	67.8
					5	Communications	85.0
					6	Information Technology Applications	80.1
					7	Problem Solving, Critical Thinking, and Decision Making	71.5
					8	Leadership and Teamwork	72.3
					9	Safety, Health, and Environment	70.9
					10	Employability and Career Development	85.1
					11	Legal Services	66.1

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
1287	Lodging	No data available					
2071	Logistics Technology/Distribution Center Services	Written	41	73.2	1	Operations/Safety and Ergonomics	83.4
					2	Operations/Inventory Management	68.3
					3	Operations/Procurement	71.3
					4	Operations/Receiving	68.1
					5	Operations/Putaway	87.5
					6	Operations/Picking (Order Selection)	52.8
					7	Operations/Packing	72.7
					8	Operations/Shipping	76.7
					9	Operations/Material Handling Equipment	60.0
					10	Operations/Technology	75.9
					11	Customer Relations/Direct Comm with Customers	87.8
					12	Customer Relations/Customer Requirement Analysis	80.5
					13	Logistics/Supply Chain Management	77.4
					14	Logistics/Industry Trends and Current Topics	97.6
		Perf	13	94.7	1	Inventory Control/Cycle Count	90.2
					2	Material Handling Equipment	95.3
					3	Receiving	99.0
					4	Order Fulfillment Process	98.2
					5	Bill of Lading	87.2
1129	Maintenance Operations	No data available					

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
2084	Manufacturing Technology	Written	114	63.2	1	Manufacturing Math, Science, and Measurement	64.5
					2	Workplace Safety, Health, and Job Skills	75.9
					3	Quality Assurance	65.3
					4	Blueprint Reading	61.8
					5	Manufacturing Fund, Processes & Materials	63.5
					6	Material Handling	75.6
					7	Industrial Robotics Systems	50.2
					8	Computer Use	67.3
					9	Process Control	65.7
					10	Purchasing and Resource Identification Activities	63.0
					11	Electronics and Hydraulics	46.9
					12	Design Processes	59.6
		Perf	23	77.1	1	Milling Operations	79.8
					2	Assemble A Multiple Shaft Gear Drive System	66.9
					3	Determine Gage Block Combinations	86.2
4038	Mechanical Drafting and Design	Written	52	78.7	1	Preparing to Draw: Basic Drawing and Dimensioning Skills	80.4
					2	Applied Mathematics	81.5
					3	Identify Measurements	77.6
					4	Geometric Construction	80.4
					5	Engineering Drawings	79.4
					6	Multiview Drawings	72.3
					7	Section Views	68.8
					8	Auxiliary Views	68.9
					9	Dimensioning Skills	82.9
		Perf	No data available				
2040	Mechatronics-Level 1	Written	54	68.3	1	Introduction to Mechatronics: Safety	71.7
					2	Introduction to Mechatronics: Communication	76.1
					3	Instrumentation and Measurement	67.4
					4	Electrical	66.6
					5	Mechanical	70.9
					6	Hydraulic and Pneumatic Systems	73.6
					7	Computer and Control Systems	57.7

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
4355	Medical Assisting	Written	36	82.4	1	Medical Office Procedures	77.9
					2	Foundations of Health Care	78.1
					3	General Laboratory Procedures and Diagnostic Testing	79.3
					4	Clinical Practices and Patient Care	86.0
					5	Medical Assisting Safety	78.9
					6	Patient Instruction	82.7
					7	Medical Law and Ethics for Health Care	84.6
					Perf	No data available	
1228	Natural Resources Systems	Written	24	63.0	1	Technical Skills	60.2
					2	Academic Foundations	60.4
					3	Systems	77.8
					4	Ethics and Legal Responsibilities	72.6
					5	Communications	58.0
					6	Information Technology Applications	63.2
					7	Problem Solving, Critical Thinking, and Decision-Making	68.8
					8	Leadership and Teamwork	69.6
					9	Safety, Health, and Environmental	60.8
					10	Employability and Career Development	72.0
					11	Natural Resources	56.5
1130	Network Systems	No data available					
4158	Nursing Assisting	Written	623	77.6	1	Basic Nursing Assisting Skills	76.0
					2	Infection Control	67.2
					3	Communication Skills	73.8
					4	Personal Care Skills	82.7
					5	Mental Health and Social Service Needs	84.3
					6	Ethics, Rights, and Legal Responsibilities	82.8
					7	Basic Restorative Devices	76.3
					8	Employability Skills	77.9
					Perf	24	81.0
			2	Apply and Remove Personal Protective Equipment	84.3		
			3	Demonstrate Wheelchair Assistance	88.8		
			4	Make an Occupied Bed	95.6		
			5	Provide a Modified Bed Bath for an Adult Female Patient	61.8		

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
1107	Performing Arts	No data available					
1238	Personal Care Services	No data available					
4061	Plumbing	Written	684	74.0	1	Safety	77.0
					2	Plumbing Math	66.3
					3	General Plumbing Practices	77.3
					4	Joining Pipes and Fittings	77.0
					5	Drainage	72.9
					6	Vent Installation	68.5
					7	Water Supply and Distribution	80.2
					8	Hot Water Systems	76.9
					9	Traps	70.0
					10	Installing Fixtures	72.3
					11	Plumbing Service and Repair	69.6
		Perf	257	93.7	1	Install and prepare to Leak Test a DWV System	94.4
					2	Install and Prepare to Leak Test a Water Supply System	93.1
4162	Practical Nursing	No data available					
4152	Precision Machining	Written	26	68.8	1	Organization and Shop Safety Practices	85.3
					2	Measurement and Inspection	70.7
					3	Metallurgical Processes and Heat Treating	71.9
					4	Blueprint Interpretation and Process Planning	68.8
					5	Layout and Benchwork	65.7
					6	Band Saw Machines	61.2
					7	Lathes	69.6
					8	Milling Machines	57.4
					9	Surface Grinding	65.1
					10	Computer Numerical Control (CNC) Programming, Preparation, C	72.9
					11	Drill Press	76.1
		Perf	No data available				

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
2475	Pre-Engineering/Engineering Technology	Written	574	69.1	1	Overview of Engineering	80.6
					2	Design Process/Problem Solving	78.0
					3	Manufacturing	64.5
					4	Assembly and Fabrication	69.6
					5	Materials	69.2
					6	Communication and Teamwork	74.9
					7	Safety	67.3
					8	Engineering Systems	63.4
					Perf	No data available	
3063	Production Agriculture	Written	149	66	1	Animal Science	65.4
					2	Conservation and Sustainable Natural Resources	66.8
					3	Plant Science	65.6
					4	Soil Management	66.1
					5	Agricultural Technology	69.5
					6	Agri-Business	64.7
					Perf	No data available	
2480	Protective Services	Written	75	69.5	1	Public Safety	70.7
					2	Law Enforcement	71.9
					3	Fire Fighting	75.0
					4	Emergency Medical Services	58.7
					5	Career Development	72.5
					6	Homeland Security	59.8
Perf	No data available						
1289	Recreation, Amusements, and Attractions	No data available					

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
1286	Restaurants, Food and Beverage Services	Written	11	84.4	1	General Hospitality and Tourism Technical Skills	86.0
					2	Academic Foundations	86.7
					3	Systems	90.9
					4	Ethics and Legal Responsibilities	93.9
					5	Communications	84.6
					6	Information Technology Applications	81.8
					7	Problem Solving, Critical Thinking, and Decision Making	79.5
					8	Leadership and Teamwork	92.4
					9	Safety, Health, and Environmental	94.8
					10	Employability and Career Development	94.5
							11
4010	Retail Commercial Baking	Written	294	78.8	1	Safety and Sanitation	83.5
					2	Business and Math Skills	76.6
					3	Identification, Classification, and Properties of Ingredients	69.2
					4	Baking Preparation (Mise en Place)	79.0
					5	Basic Baking	77.1
					6	Product Merchandising	80.9
					7	Purchasing, Receiving, Inventory, and Storage	80.5
					8	Nutrition	77.2
					9	Human Relations and Career Skills	86.8
		Perf	21	93.8	1	Soft Dinner Roll Dough	97.1
					2	Cake Decorating	88.7
					3	Fruit Pie	96.3
					4	Pâte À Choux	94.4

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
4153	Retail Merchandising	Written	301	80.6	1	Advertising/Promotion	82.8
					2	Communications	83.8
					3	Visual Merchandising	87.1
					4	Marketing/Merchandising	78.3
					5	Technology in Retail Merchandising	83.4
					6	Economics	68.1
					7	Customer Service, Sales, and Selling	82.7
					8	Professionalism in Retail Merchandising	87.9
					9	Retail-related Mathematics	76.3
					10	Entrepreneurship	74.6
		Perf	59	74.5	1	Inventory Check-in	67.2
					2	Cash Handling	75.6
					3	Handling Customer Returns	79.2
					4	Product Knowledge and Selling	72.8
					5	Virtual Cash Drawer Closing of a Retail Business	76.1
1136	Security and Protective Services	No data available					
3103	Small Animal Science and Technology (New test released 9/1/2016)	No data available					
4168	Small Engine Technology (New test released 9/1/2016)	No data available					
4054	Technical Drafting	Written	275	67.4	1	Basic Drawing Skills	69.0
					2	Geometric Construction	70.5
					3	Applied Mathematics	81.7
					4	Dimensioning Skills	64.8
					5	Multiview Drawing	60.9
					6	Threads and Fasteners	63.1
					7	Manufacturing Processes	61.5
					8	Design Principles	56.7
		Perf	155	72.5	1	Visualization	72.0
			2	Orthographic Drawing	72.6		
			3	Development	66.6		
			4	Assembly	79.3		

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
3427	Television Production	Written	124	74.1	1	Safety and Sanitation	84.8
					2	Business and Math Skills	73.4
					3	Identification, Classification, and Properties of Ingredients	72.8
					4	Baking Preparation (Mise en Place)	72.8
					5	Basic Baking	75.8
		Perf	16	84.3	1	Create and Script Video	87.8
					2	Shot Composition	84.6
					3	Edit Shots with the Interview	80.0
		1185	Therapeutic Services	Written	35	71.7	1
2	Academic Foundations						69.4
3	Systems						69.0
4	Ethics and Legal Responsibilities						71.0
5	Communication						70.2
6	Information Technology						70.0
7	Problem Solving, Critical Thinking, and Decision Making						64.1
8	Leadership and Teamwork						89.0
9	Safety, Health, and Environment						68.9
10	Employability and Career Development						81.6
11	Therapeutic Services						67.6
1288	Travel and Tourism	Written	22	62.5	1	General Hospitality and Tourism Technical Skills	61.2
					2	Academic Foundations	56.3
					3	Systems	67.4
					4	Ethics and Legal Responsibilities	75.0
					5	Communications	63.3
					6	Information Technology Applications	56.1
					7	Problem Solving, Critical Thinking, and Decision Making	51.7
					8	Leadership and Teamwork	77.3
					9	Safety, Health, and Environmental	65.6
					10	Employability and Career Development	74.5
					11	Travel and Tourism	59.7

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg
1108	Visual Arts	Written	44	79.2	1	Technical Skills	80.2
					2	Visual Arts	76.3
					3	Academic Foundations	80.5
					4	Systems	86.7
					5	Ethics and Legal Responsibilities	80.8
					6	Communication	91.3
					7	Information Technology Applications	60.1
					8	Problem Solving, Critical Thinking, and Decision-Making	62.5
					9	Leadership and Teamwork	90.6
					10	Safety, Health, and Environmental	83.0
					11	Employability and Career Development	72.7
3425	Visual Comm & Interactive Multimedia Design	Written	32	73.4	1	Safety	79.3
					2	Career Overview	70.2
					3	Computer Literacy	76.3
					4	Interactive Media	71.9
					5	Visual Literacy	83.6
					6	Conceptual Design Process	74.3
					7	Color Theory	66.6
					8	Typography	70.0
					9	Materials and Tools	64.2
					Perf	No data available	
2750	Web Design	Written	125	64.7	1	Internet Basics	76.0
					2	Programming/Markup/Scripting	59.5
					3	Editors	66.5
					4	Web Graphics	72.4
					5	Web Multimedia	57.7
					6	Web Marketing and Business Management	64.2
					7	Site Design	60.4
					8	Administration and Maintenance	61.7
Perf	No data available						

Test Code	Test Title	Test Type	Total Count	Total Avg	Stand/ Job #	Standard/Job Description	Stand/ Job Avg		
4172	Welding	Written	1,109	68.6	1	Safety	76.5		
					2	Welding Symbols and Blueprint Reading	77.8		
					3	Oxyfuel Cutting (OFC)	61.2		
					4	Arc Cutting Process (Carbon Arc and Plasma Arc)	61.5		
					5	Physical Characteristics and Mechanical Properties of Metals	72.7		
					6	Weld Fit-Up and Quality	73.3		
					7	Shielded Metal Arc Welding (SMAW)	65.7		
					8	Gas Metal Arc Welding (GMAW) and Flux Cored Arc Welding (FC)	63.3		
					9	Gas Tungsten Arc Welding (GTAW)	68.7		
		Perf	163	69.1	1	Oxyfuel Cutting	77.0		
					2	SMAW V-Groove, 3G	77.8		
					3	GMAW Tee Joint, 2F	79.7		
					4	Aluminum GTAW Tee Joint, 2F	52.9		
					5	Stainless Steel GTAW Lap Joint, 2F	54.4		
		2150	Wind Turbine Maintenance Technician	Written	117	72.8	1	Safety	74.4
							2	Equipment Operation	92.2
3	Electrical and Mechanical Systems						68.1		
4	Hand Tools						64.3		
5	Maintain Equipment						74.7		
6	Computational, Technical and Writing Skills						76.5		
7	Introduction to Careers in Wind Technology						86.8		
Perf	38			89.5	1	(A) Identification of Safety Equipment	94.2		
					2	(B) Identification of safety equipment	93.3		
					3	(A) Demonstration of safety equipment and climbing technique	96.1		
					4	(B) Demonstration of safety equipment and climbing technique	96.8		
					5	Connect a Start-Stop Switch to a Contactor and Start a Motor	74.4		
					6	Identify hand tools and fasteners	87.4		
					7	Torque Testing	90.5		
3033	Workplace Readiness			Written	819	68.7	1	Communications	67.8
							2	Problem Solving and Critical Thinking	61.9
		3	Information Technology Applications				72.0		
		4	Systems				62.1		
		5	Safety, Health, and Environment				63.1		
		6	Leadership and Teamwork				80.0		
		7	Ethics and/or Legal Responsibilities				83.0		
		8	Employability and/or Career Development				70.6		