

### Occupational Endorsement Aligned Requirements

<b>Endorsement Name and Code</b>	2-4 Cycle Engines 775
<b>Previous Endorsements</b>	568
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	Equipment Engine Training Certification, EETC
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>• Associate's degree in 2-4 cycle engine technology, one year of work experience in endorsement area, and industry certification</li> </ul>
<b>Endorsement Name and Code</b>	Aircraft Maintenance 773
<b>Previous Endorsements</b>	512
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	FAA industry certification
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>• Associate's degree in aviation maintenance, one year full time work experience in endorsement area, and industry certification</li> <li>• Bachelor's degree in aviation maintenance and industry certification</li> </ul>
<b>Endorsement Name and Code</b>	Automotive 770
<b>Previous Endorsements</b>	508
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	ASE A-4, ASE A-5, ASE A-6, and ASE A-8 or G-1
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>• Associate's degree in automotive technology, one year of work experience in endorsement area, and industry certification</li> <li>• Bachelor's degree in automotive technology and industry certification</li> </ul>
<b>Endorsement Name and Code</b>	Aviation Ground School 774
<b>Previous Endorsements</b>	594
<b>Minimum Education</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	FAA industry certification
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>• Associate's degree in aviation/commercial or private pilot, one year full time work experience in endorsement area, and industry certification</li> <li>• Bachelor's degree in aviation/commercial or private pilot and one and industry certification</li> </ul>

### Occupational Endorsement Aligned Requirements

<b>Endorsement Name and Code</b>	Barbering 780
<b>Previous Endorsements</b>	560
<b>Minimum Education Requirements</b>	High School diploma and completion of a barbering instructor curriculum
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	Tennessee Barbering Instructor License
<b>Pathway Options</b>	None
<b>Endorsement Name and Code</b>	Broadcasting 710
<b>Previous Endorsements</b>	576, 597
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	Currently none
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>• Associate's degree in broadcasting/digital media and three years of full time work experience in endorsement area</li> <li>• Bachelor's degree in broadcasting/digital media and one year full time work experience in endorsement area</li> <li>• Master's degree in broadcasting/digital media</li> </ul>
<b>Endorsement Name and Code</b>	Carpentry 706
<b>Previous Endorsements</b>	522
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	U.S. Department of Labor, Office of Apprenticeship, Certificate of Completion of Apprenticeship, NOCTI Carpentry 5265, or Tennessee Contractor's license Contractor's license
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>• Associate's degree in building construction and one year of work experience in endorsement area and industry certification</li> <li>• Bachelor's degree in building constructions and industry certification</li> </ul>
<b>Endorsement Name and Code</b>	Collision Repair 771
<b>Previous Endorsements</b>	507
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	ASE B-2, ASE B-3, and ASE B-4 or I-Car
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>• Associate's degree in collision repair/refinishing and one year of work experience in endorsement area out of the past eight and industry certification</li> <li>• Bachelor's degree in collision repair/refinishing and industry certification</li> </ul>

### Occupational Endorsement Aligned Requirements

<b>Endorsement Name and Code</b>	Concrete/Masonry 702
<b>Previous Endorsements</b>	524
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	U.S. Department of Labor, Office of Apprenticeship, Certificate of Completion of Apprenticeship or NOCTI Masonry 5933 Tennessee Contractor's license
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>• Associate's degree in building construction and one year of work experience in endorsement area and industry certification</li> <li>• Bachelor's degree in building constructions and industry certification</li> </ul>
<b>Endorsement Name and Code</b>	Cosmetology 781
<b>Previous Endorsements</b>	561
<b>Minimum Education Requirements</b>	High School diploma and completion of a cosmetology instructor curriculum
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	Tennessee Cosmetology Instructor license
<b>Pathway Options</b>	None
<b>Endorsement Name and Code</b>	Culinary Arts 730
<b>Previous Endorsements</b>	562
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	Serve-Safe or National Registry of Food Safety Professionals, or Certified Culinary Chef Educator (CCE) Industry Certification
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>• Associate's degree in culinary arts, industry certification, and three years full time work experience out of the past eight in endorsement area</li> <li>• Bachelor's degree in culinary arts, industry certification, and one year full time work experience out of the past eight in endorsement area</li> </ul>

### Occupational Endorsement Aligned Requirements

<b>Endorsement Name and Code</b>	Diesel Equipment 772
<b>Previous Endorsements</b>	581
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	ASE T-2, ASE T-6, and ASE T-8
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>Associate's degree in diesel technology, one year of work experience in endorsement area and industry certification</li> </ul>
<b>Endorsement Name and Code</b>	Distribution and Logistics 776
<b>Previous Endorsements</b>	503
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	Currently none
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>Associate's degree in distribution and logistics and three years full time work experience out of the past eight in endorsement area</li> <li>Bachelor's degree in distribution and logistics and one year full time work experience out of the past eight in endorsement area</li> </ul>
<b>Endorsement Name and Code</b>	Drafting/CAD 700
<b>Previous Endorsements</b>	531
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	ADDA Certified Drafter or Autodesk
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>Associate's degree in drafting, one year work experience, and industry certification</li> <li>Bachelor's degree in drafting and industry certification</li> </ul>
<b>Endorsement Name and Code</b>	Electrical 701
<b>Previous Endorsements</b>	523
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	U.S. Department of Labor, Office of Apprenticeship, Certificate of Completion of Apprenticeship or NOCTI Electrical 5271 or Tennessee Contractor's license
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>Associate's degree in building construction, one year of work experience in endorsement area, and industry certification</li> <li>Bachelor's degree in building constructions and industry certification</li> </ul>

### Occupational Endorsement Aligned Requirements

<b>Endorsement Name and Code</b>	Fire Safety 751
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	Fire Fighter Instructor 1
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>• Associate's degree in fire science and one year work experience in endorsement area and industry certification</li> <li>• Bachelor's degree in fire science and industry certification</li> </ul>
<b>Endorsement Name and Code</b>	Graphic Design 711
<b>Previous Endorsements</b>	543
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	ADDA Certified Digital Designer or NOCTI Advertising & Design 5261 or Adobe Certified Expert Certification
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>• Associate's degree in graphic design, one year work experience, and industry certification</li> <li>• Bachelor's degree in graphic design and industry certification</li> </ul>
<b>Endorsement Name and Code</b>	HVAC 707
<b>Previous Endorsements</b>	598
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	U.S. Department of Labor, Office of Apprenticeship, Certificate of Completion of Apprenticeship or HVAC Excellence Certification
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>• Associate's degree in building construction and one year of work experience in endorsement area and industry certification</li> <li>• Bachelor's degree in building constructions and industry certification</li> </ul>
<b>Endorsement Name and Code</b>	Health Informatics 721
<b>Minimum Education Requirements</b>	Associate's degree or above in endorsement area
<b>Occupational Work Experience</b>	One year full time work experience out of the past five in endorsement area
<b>Industry Certification</b>	CPC-Certified Professional Coder or CCA-Certified Coding Associate or CCS-Certified Coding Specialist or RHIT-Registered Health Information Technician or RHIA-Registered Health Information Administrator or MCT-Medical Coding Technician
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>• Bachelor's degree in health informatics and industry certification</li> </ul>

### Occupational Endorsement Aligned Requirements

<b>Endorsement Name and Code</b>	Health Science 720
<b>Previous Endorsements</b>	577
<b>Minimum Education Requirements</b>	Associate's degree or above to obtained medical license
<b>Occupational Work Experience</b>	One year full time or part time work experience out of the past five
<b>Industry Certification</b>	Tennessee Board of Health issued license
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>All applicants must provide verification of one year full time or part time work experience out of the past five and industry certification regardless of postsecondary degree level</li> </ul>
<b>Endorsement Name and Code</b>	Information Technology 740
<b>Previous Endorsements</b>	595
<b>Minimum Education Requirements</b>	Associate's degree or above in endorsement area
<b>Occupational Work Experience</b>	Two years work experience out of the past eight years
<b>Industry Certification</b>	A+ or Net Plus or CIW or CISCO
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>Bachelor's degree in endorsement area and industry certification</li> </ul>
<b>Endorsement Name and Code</b>	Legal and Protective Services 750
<b>Previous Endorsements</b>	590
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	POST for applicants using work experience
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>Associate's degree in criminal justice and three years of full time work experience out of the past eight in endorsement area</li> <li>Bachelor's degree in criminal justice and one year full time work experience out of the past eight years in endorsement area</li> <li>Master's degree in criminal justice or juris doctorate</li> </ul>
<b>Endorsement Name and Code</b>	Advanced Manufacturing 760
<b>Previous Endorsements</b>	596
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	National Institute of Metalworking Skills certification (NIMS)
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>Associate's degree in manufacturing operations/technology, one year of work experience in endorsement area, and industry certification</li> <li>Bachelor's degree in manufacturing operations/technology and industry certification</li> </ul>

### Occupational Endorsement Aligned Requirements

<b>Endorsement Name and Code</b>	Plumbing 703
<b>Previous Endorsements</b>	527
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	U.S. Department of Labor, Office of Apprenticeship, Certificate of Completion of Apprenticeship or NOCTI Plumbing 5175 or Tennessee Contractors license
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>• Associate's degree in building construction, one year of work experience in endorsement area, and industry certification</li> <li>• Bachelor's degree in building constructions and industry certification</li> </ul>
<b>Endorsement Name and Code</b>	Programming 742
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	A+ or Net Plus or CIW or CISCO
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>• Associate's degree in endorsement area, one year work experience in endorsement area, and industry certification</li> <li>• Bachelor's degree in endorsement area and industry certification</li> </ul>
<b>Endorsement Name and Code</b>	Public Health 722
<b>Minimum Education Requirements</b>	Bachelor's degree in Public Health or Public Health Administration
<b>Occupational Work Experience</b>	One year of full time work experience out of the past five years in endorsement area
<b>Industry Certification</b>	Currently none
<b>Pathway Options</b>	None
<b>Endorsement Name and Code</b>	Welding 705
<b>Previous Endorsements</b>	584
<b>Minimum Education Requirements</b>	High School diploma or above
<b>Occupational Work Experience</b>	Five years of full time work experience out of the past eight years
<b>Industry Certification</b>	AWS or U.S. Department of Labor, Office of Apprenticeship, Certificate of Completion of Apprenticeship or Certified Welding Educator Certification, NOCTI Welding 5279
<b>Pathway Options</b>	<ul style="list-style-type: none"> <li>• Associate's degree in welding/fabrication, one year full time work experience, and industry certification</li> <li>• Bachelor's degree in welding/fabrication and industry certification</li> </ul>