

Occupational Endorsement Aligned Requirements

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

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

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

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

Occupational Endorsement Aligned Requirements

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

Occupational Endorsement Aligned Requirements

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

Occupational Endorsement Aligned Requirements

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