

2023-2024 Occupational Proficiencies

Career and Technical Education/Workforce Development
Educator Certification



Learning that works for Alabama

CTETM



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General Information

Levels of Certificates	
<p style="text-align: center;">ENTRY LEVEL</p> <p style="text-align: center;">Applicable Approaches / Certificates</p> <ul style="list-style-type: none"> ➤ Bachelor’s Equivalent 1 & 2 – Health Science ➤ Bachelor’s Equivalent 1 & 2 – Technical Education ➤ The Additional Teaching Field – Professional ➤ The Additional Teaching Field – Degree Equivalent 	<p style="text-align: center;">MASTER LEVEL</p> <p style="text-align: center;">Applicable Approaches / Certificates</p> <ul style="list-style-type: none"> ➤ Master’s Equivalent 3 – Health Science ➤ Sixth-Year Equivalent 4 – Health Science ➤ Master’s Equivalent 3 and 4 – Technical Education ➤ Sixth-Year Equivalent 5 – Technical Education ➤ The Additional Teaching Field – Degree Equivalent ➤ The Career and Technical Certificate to a Professional Educator Certificate

Military Experience (optional)	
<p style="text-align: center;">ENTRY LEVEL</p> <p>Any military rank of E5 or below as indicated on DD Form 214 in the area seeking certification or in a related Military Occupational Specialty AND training hours earned in the area seeking certification or in a related area as indicated on the Specialized Training Report.</p>	<p style="text-align: center;">MASTER LEVEL</p> <ul style="list-style-type: none"> ➤ Any military rank above E5 as indicated on DD Form 214 in the area seeking certification or in a related Military Occupational Specialty AND training hours earned in the area seeking certification or in a related area as indicated on the Specialized Training Report.

State-recognized professional learning (required)
<ul style="list-style-type: none"> ➤ ALL Technical Education Program Areas: 125 hours of earned State-recognized professional learning/technical updates in <u>area seeking certification</u> with at least 15 hours earned at the Annual CTE Summer Conference within the valid period of the certificate held. ➤ Health Science: 30 hours of earned State-recognized professional learning/technical updates in the Healthcare field within the valid period of the certificate held.

Licenses, Credentials, and Certifications
<p style="text-align: center;">All licenses, credentials, and certifications MUST be active and valid the date the application is submitted to the Educator Certification Section of the ALSDE.</p>

2023-2024 Technical Education and Health Science Occupational Proficiencies

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Program Area	ENTRY LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)	MASTER LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)
Additive Manufacturing	<ul style="list-style-type: none"> ● Associate’s Degree in Drafting Design Technology, Engineering Design Technology, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● ADDA Certified Mechanical Drafter ● Autodesk Certified User – AutoCAD ● Autodesk Certified User – Inventor ● NOCTI – Mechanical Drafting and Design (5272) ● NOCTI – Technical Drafting (5178) ● Solid Edge – Associate ● Solid Works - Associate <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Bachelor’s Degree or higher in Engineering, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● Autodesk Certified Professional – AutoCAD ● Autodesk Certified Professional – Inventor ● Solid Edge – Professional ● Solid Works – Professional <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4
Advertising Design	<ul style="list-style-type: none"> ● Associate’s Degree in Graphic Arts, Advertising, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● NOCTI – Advertising Design (5261) <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Bachelor’s Degree or higher in Graphic Arts, Advertising, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● Adobe Certified Professional in Visual Design ● Adobe Certified Professional in Web Design ● ADDA Certified Digital Designer <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4

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Program Area	ENTRY LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)	MASTER LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)
Animation	<ul style="list-style-type: none"> ● Associate’s Degree in Animation, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● Adobe Certified Professional Animate <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Bachelor’s Degree or higher in Fine Arts, Arts, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● Adobe Certified Professional in Visual Design ● Adobe Certified Professional in Web Design ● Adobe Certified Instructor <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4
Automotive Service	<ul style="list-style-type: none"> ● Associate’s Degree or higher in Automotive Technology, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● ASE (The <u>four</u> listed below are required): <ul style="list-style-type: none"> ○ (A5) Brakes ○ (A6) Electrical/Electronic Systems ○ (G1) Maintenance and Light Repair ○ (A4) Suspension and Steering <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● ASE Master Automobile Certification <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4

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Program Area	ENTRY LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)	MASTER LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)
Aviation Technology	<ul style="list-style-type: none"> ● Associate’s Degree or higher in Airframe Technology, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● FAA Airframe Mechanic Certification (meet FAA standard credit school) ● FAA Power Plant Mechanic Certificate (meet FAA standard credit school) ● Private Pilot License (Must be active or valid) <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● FAA Airframe & Power Plant Mechanic Certificate (General Certificate) (Must be active or valid) ● Commercial Pilot License (CPL) (Must be active or valid) ● Flight Instructor Certificate (CFI) (Must be active or valid) <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4
*Business, Finance, Marketing, and Administration	<ul style="list-style-type: none"> ● Associate’s Degree in Business, Finance, or in a related area <p>AND</p> <ul style="list-style-type: none"> ● Microsoft Office Specialist Expert (Year 2019 or higher) <p>OR</p> <ul style="list-style-type: none"> ● Valid Alabama Class B or higher Professional Educator Certificate endorsed in Business/Marketing Education, Business Education, or Marketing Education <p>AND</p> <ul style="list-style-type: none"> ● Microsoft Office Specialist Expert (Year 2019 or higher) <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Bachelor’s Degree or higher in Business, Finance, Marketing, or in a related area <p>AND</p> <ul style="list-style-type: none"> ● Microsoft Certified Educator <p>OR</p> <ul style="list-style-type: none"> ● Valid Alabama Class B or higher Professional Educator Certificate endorsed in Business/Marketing Education, Business Education, or Marketing Education <p>AND</p> <ul style="list-style-type: none"> ● **Business Industry License or Certification (<u>One of the six listed below is required</u>) <ul style="list-style-type: none"> ○ Microsoft Certified Educator ○ CPA license ○ Certified Financial Planner ○ Chartered Financial Analyst ○ Financial Risk Manager ○ American Marketing Association Certifications <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4
<p>*Developing program area – credentials will be evaluated on an as-needed basis **Additional licenses or certifications may be submitted for approval</p>		

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Program Area	ENTRY LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)	MASTER LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)
Collision Repair	<ul style="list-style-type: none"> ● Associate’s Degree or higher in Automotive Collision Repair, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● ASE: (The two listed below are required) (Must be active or valid) <ul style="list-style-type: none"> ○ B2 - Painting and Refinishing ○ B3 - Non-Structural Analysis & Damage Repair ● I-Car ProLevel 2 Technician Certificate (One of the four listed is required) (Must be active or valid) <ul style="list-style-type: none"> ○ Refinishing (valid) ○ Nonstructural ○ Structural ○ Estimator <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● ASE Master Collision Repair Technician (Must be active or valid) ● ASE (The four listed below are required) (Must be active or valid) <ul style="list-style-type: none"> ○ B2 – Painting & Refinishing ○ B3 – Non-Structural Analysis & Damage Repair ○ B4 – Structural Analysis & Damage Repair ○ B5 – Mechanical & Electrical Components ● I-Car ProLevel 3 Platinum Technician (One of the four listed is required) (Must be active or valid) <ul style="list-style-type: none"> ○ Refinishing ○ Nonstructural ○ Structural ○ Estimator (requires 32 hours of classwork) ● I-Car Platinum Level Educator <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4
Commercial Photography	<ul style="list-style-type: none"> ● Associate’s Degree in Photography, Fine Arts, Arts, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● Certified Professional Photographer (CPP) ● Certified Drone Photographer (CDP) ● NOCTI – Audio-Visual Communications Technology (5904) <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Bachelor’s Degree or higher, in Photography, Fine Arts, Arts, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● Adobe Certified Professional in Visual Design ● ADDA Certified Digital Designer <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4

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Program Area	ENTRY LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)	MASTER LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)
<p>Computer Electronics³</p> <p>Retiring 06/30/2024 Replaced by Information Technology Support and Service</p>	<ul style="list-style-type: none"> ● Associate’s Degree in Computer Technology, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● CompTIA A+ (The two listed below are required) <ul style="list-style-type: none"> ○ Core 1 ○ Core 2 <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Bachelor’s Degree or higher in Computer Technology, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● CompTIA Network+ ● CompTIA Security+ <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4
<p>Computer Science³</p>	<ul style="list-style-type: none"> ● Bachelor’s Degree in Computer Science, Computer Engineering, Software Engineering, or a in a related area <p>OR</p> <ul style="list-style-type: none"> ● C Programming Language Certified Associate (CLA) ● Certiport Information Technology Specialist (ITS) Exam (Two of the seven listed below are required) (Must be active or valid) <ul style="list-style-type: none"> ○ Software Development ○ Java ○ JavaScript ○ Python ○ Artificial Intelligence ○ HTML and CSS ○ HTML5 Application Development ● Oracle Certified Associate (OCA) ● SAS Certified Specialist: Base Programming <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Master’s Degree or higher in Computer Science, Computer Engineering, Software Engineering, or a in a related area <p>OR</p> <ul style="list-style-type: none"> ● Certiport Information Technology Specialist (ITS) Exam (Four of the seven listed below are required) (Must be active or valid) <ul style="list-style-type: none"> ○ Software Development ○ Java ○ JavaScript ○ Python ○ Artificial Intelligence ○ HTML and CSS ○ HTML5 Application Development ● Oracle Certified Professional or higher ● SAS Certified Professional: Advanced Programming <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4

³ Higher level expert certifications may be considered for the program area at both the ENTRY LEVEL and MASTER LEVEL.

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Program Area	ENTRY LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)	MASTER LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)
<p>Computer Science – PLTW³</p>	<ul style="list-style-type: none"> ● Bachelor’s Degree in Computer Science, Computer Engineering, Software Engineering, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● Alabama Class B or higher Professional Educator Certificate in Computer Science, Mathematics, or General Science <p>OR</p> <ul style="list-style-type: none"> ● Certiport Information Technology Specialist (ITS) Exam (One of the seven listed is required): <ul style="list-style-type: none"> ○ Software Development ○ Java ○ JavaScript ○ Python ○ Artificial Intelligence ○ HTML and CSS ○ HTML5 Application Development <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● PLTW Training Institute required per course/per teacher <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Master’s Degree or higher in Computer Science, Computer Engineering, Software Engineering, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● Certiport Information Technology Specialist (ITS) Exam (Four of the nine listed below are required): <ul style="list-style-type: none"> ● Software Development ● Java ● JavaScript ● Python ● Artificial Intelligence ● HTML and CSS ● HTML5 Application Development ● Oracle Certified Professional or higher ● SAS Certified Professional: Advanced Programming <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● PLTW Training Institute required per course/per teacher ● Required state-recognized professional learning see page 4
<p>³ Higher level expert certifications may be considered for the program area at both the ENTRY LEVEL and MASTER LEVEL.</p>		

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Program Area	ENTRY LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)	MASTER LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)
<p>Construction Technology</p> <p>(New 2023-2024) Replaced: Building Construction Cabinetmaking Carpentry</p>	<ul style="list-style-type: none"> ● Associate’s Degree in Construction, Building Science, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● NCCER¹ Carpenter Level One ● NCCER² Commercial Carpenter ● NCCER² Industrial Carpenter <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Bachelor’s Degree or higher in Building Science, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● NCCER¹ Commercial Carpenter ● NCCER¹ Industrial Carpenter ● Alabama Home Builder’s License (Must be active or if inactive must be in good standings with the capability of being active) ● Alabama General Contractors License (Must be active or valid) <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● NCCER ICTP ● Required state-recognized professional learning see page 4
<p>Correctional Service</p>	<ul style="list-style-type: none"> ● Associate’s Degree in Corrections, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● APOST Certification or equivalent ● DODPOST Certification or equivalent ● Federal Law Enforcement Training Agency <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Bachelor’s Degree or higher in Criminal Justice, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● APOST Certification or equivalent ● DODPOST Certification or equivalent ● Federal Law Enforcement Training Agency <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4

¹The applicant must achieve the cut score established by NCCER which is included in the specifications available for each of the specific industry craft assessments.

²The applicant may achieve either the cut score established by NCCER or a minimum cut score on the NCCER first and second level of their industry-specific craft assessment. The minimum cut score will be determined from the applicant’s score report that details the number of correct responses for each module assessed and specific to the industry craft assessment.

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Program Area	ENTRY LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)	MASTER LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)
<p>Cosmetology</p> <p>(Retiring 06/30/2024)</p> <p>NEW Course Title (2024-2025): Cosmetology and Barbering</p>	<ul style="list-style-type: none"> ● Alabama Cosmetology Instructor License and Barber Instructor License <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Alabama Cosmetology Instructor License and Barber Instructor License <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4
<p>Culinary Arts</p>	<ul style="list-style-type: none"> ● Associate’s Degree in Culinary Arts, or in a related area <p>AND</p> <ul style="list-style-type: none"> ● Serv Safe Manager <p>OR</p> <ul style="list-style-type: none"> ● American Culinary Federation (ACF) Certified Culinarian** <p>AND</p> <ul style="list-style-type: none"> ● Serv Safe Manager <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Bachelor’s Degree or higher in Culinary Arts, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● Serv Safe Manager <p>AND</p> <ul style="list-style-type: none"> ● <u>One of the four listed below is required:</u> <ul style="list-style-type: none"> ○ American Culinary Federation Certified Master Chef ○ American Culinary Federation Certified Culinary Educator ○ American Culinary Federation Certified Executive Chef ○ American Culinary Federation Certified Master Pastry Chef <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4

**Additional licenses or certifications may be submitted for approval

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Program Area	ENTRY LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)	MASTER LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)
<p>Cybersecurity and Infrastructure</p>	<ul style="list-style-type: none"> ● Associate’s Degree in Cybersecurity or in a related area <p>OR</p> <ul style="list-style-type: none"> ● Certified Ethical Hacker ● CompTIA A+ (The <u>two</u> listed below are required) <ul style="list-style-type: none"> ○ Core 1 (220-1101) ○ Core 2 (220-1102) ● CompTIA Network+ ● CompTIA Security+ ● Certiport Information Technology Specialist (ITS) Exam (<u>Two</u> of the five listed below are required) <ul style="list-style-type: none"> ○ Networking ○ Network Security ○ Device Configuration and Management ○ Cloud Computing ○ Cybersecurity <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Bachelor’s Degree or higher in Computer Science, Computer Engineering, or in a related area <p>AND (One of the options below)</p> <ul style="list-style-type: none"> ● CompTIA A+ (The <u>two</u> listed below are required) <ul style="list-style-type: none"> ○ Core 1 (220-1101) ○ Core 2 (220-1102) ● CompTIA Network+ ● CompTIA Security+ ● Certiport Information Technology Specialist (ITS) Exam (<u>Four</u> of the five listed below are required) <ul style="list-style-type: none"> ○ Networking ○ Network Security ○ Device Configuration and Management ○ Cloud Computing ○ Cybersecurity <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4
<p>Diesel Technology</p>	<ul style="list-style-type: none"> ● Associate’s Degree or higher in Automotive Technology, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● ASE (The <u>four</u> listed below are required) (Must be active or valid) <ul style="list-style-type: none"> ○ T4 – Brakes ○ T5 – Suspension & Steering ○ T6 – Electrical/ Electronic Systems ○ T8 – Preventive Maintenance Inspection <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● ASE Medium-Heavy Vehicle Master Certification (Must be active or valid) <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4

2023-2024 Technical Education and Health Science Occupational Proficiencies

Valid from July 1, 2023 – June 30, 2024

Program Area	ENTRY LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)	MASTER LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)
<p>*Early Childhood Education</p>	<ul style="list-style-type: none"> • Associate’s Degree in Early Childhood Development, or in a related area <p>AND</p> <ul style="list-style-type: none"> • Praxis: Principles of Learning and Teaching (PLT) (Grades K–6) (Passed within 5 years from date the application is received in the Educator Certification Section) <p>OR</p> <ul style="list-style-type: none"> • Associate’s Degree or higher in Early Childhood Development, or in a related area <p>AND</p> <ul style="list-style-type: none"> • Completion of Child Development Associate Credential (CDA) <p>OR</p> <ul style="list-style-type: none"> • Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> • One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> • Bachelor’s Degree or higher in Early Childhood Education, or in a related area <p>AND</p> <ul style="list-style-type: none"> • Three or more years of classroom teaching experience, grades (P-3) <p>AND</p> <ul style="list-style-type: none"> • Two courses listed below taken in the last 5 years from the date the application is received in the Educator Certification Section with a grade of “C” or higher earned at an Alabama institution <ul style="list-style-type: none"> ○ Inclusion of Special Needs Students ○ Method courses in: Math, Science, Social Science, English Language Arts, or Teaching Career Technical Education <p>OR</p> <ul style="list-style-type: none"> • Bachelor’s Degree or higher in Early Childhood Education, or in a related area <p>AND</p> <ul style="list-style-type: none"> • Three or more years of classroom teaching experience, grades (P-3) <p>AND</p> <ul style="list-style-type: none"> • Valid National Board-Certified Teacher Credential** <ul style="list-style-type: none"> ○ Generalist (P-3) ○ Family and Consumer Sciences <p>OR</p> <ul style="list-style-type: none"> • Bachelor’s Degree or higher in Early Childhood Education, or in a related area <p>AND</p> <ul style="list-style-type: none"> • Praxis: Principles of Learning and Teaching (PLT) grades (K–6) (Passed within 5 years from date the application is received in the Educator Certification Section) <p>AND</p> <ul style="list-style-type: none"> • Three or more years of classroom teaching experience, grades (P-3) <p>OR</p> <ul style="list-style-type: none"> • Bachelor’s Degree or higher in Early Childhood Education, or in a related area <p>AND</p> <ul style="list-style-type: none"> • Completion of Child Development Associate Credential (CDA) <p>AND</p> <ul style="list-style-type: none"> • Three or more years of classroom teaching experience, grades (P-3) <p>OR</p> <ul style="list-style-type: none"> • Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> • Required state-recognized professional learning see page 4

*Developing program area – credentials will be evaluated on an as-needed basis.

**Additional National Board-Certified Teacher Credentials may be accepted.

2023-2024 Technical Education and Health Science Occupational Proficiencies

Valid from July 1, 2023 – June 30, 2024

Program Area	ENTRY LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)	MASTER LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)
<p>*Educators in Training</p>	<ul style="list-style-type: none"> ● Bachelor’s Degree in an area of education <p>AND</p> <ul style="list-style-type: none"> ● Three or more years of teaching experience in grades (P-12) <p>AND</p> <ul style="list-style-type: none"> ● One of the two courses taken in the last 5 years from the date the application is received in the Educator Certification Section with a grade of “C” or higher at an Alabama institution <ul style="list-style-type: none"> ○ Inclusion of Special Needs Students ○ <u>Method courses in: Math, Science, Social Science, English Language Arts, or Teaching Career Technical Education</u> <p>OR</p> <ul style="list-style-type: none"> ● Bachelor’s Degree in area of education <p>AND</p> <ul style="list-style-type: none"> ● Three or more years of classroom teaching experience, grades (P-12) <p>AND (One of the Praxis PLT test listed below)</p> <ul style="list-style-type: none"> ● Praxis: Principles of Learning and Teaching (PLT) grades (K-6) (Passed within 5 years from the date the application is received in the Educator Certification Section) ● Praxis: Principles of Learning and Teaching (PLT) grades (7-12) (Passed within 5 years from date of application) <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Valid Alabama Class B or higher Professional Educator Certificate grades (P-12). <p>AND</p> <ul style="list-style-type: none"> ● Ten or more years of classroom teaching experience, grades (P-12) <p>OR</p> <ul style="list-style-type: none"> ● Valid Alabama Class B or higher Professional Educator Certificate grades (P-12). <p>AND (One of the options listed below)</p> <ul style="list-style-type: none"> ● Three or more years <u>but less than ten</u> years of classroom teaching experience, grades (P-12) ● Two courses taken in the last 5 years from date of application with a grade of “C” or higher at an Alabama institution <ul style="list-style-type: none"> ○ Inclusion of Special Needs Students ○ <u>Method courses: Math, Science, Social Science, English Language Arts, or Teaching Career Technical Education</u> ● Praxis: Principles of Learning and Teaching (PLT) grades (K-6) ((Passed within 5 years from the date the application is received in the Educator Certification Section) ● Praxis: Principles of Learning and Teaching (PLT) grades (7–12) (Passed within 5 years from the date the application is received in the Educator Certification Section) ● Valid National Board-Certified Teacher Credential** <ul style="list-style-type: none"> ○ Generalist (excluding Instructional Support Areas) ○ Family and Consumer Sciences <p>OR</p> <ul style="list-style-type: none"> ● Valid Alabama Class B Professional Educator Certificate or higher endorsed in Family and Consumer Sciences in grades (6-12) <p>AND</p> <ul style="list-style-type: none"> ● Three or more years of teaching experience in the Education and Training Cluster in grades (6-12) <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4
<p>*Developing program area – credentials will be evaluated on an as-needed basis. **Additional National Board-Certified Teacher Credentials may be accepted.</p>		

2023-2024 Technical Education and Health Science Occupational Proficiencies

Valid from July 1, 2023 – June 30, 2024

Program Area	ENTRY LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)	MASTER LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)
<p>Electrical Technology</p>	<ul style="list-style-type: none"> ● Associate’s Degree in Building Science, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● NCCER¹ Electrician Level 1 ● NCCER² Commercial Electrician ● NCCER² Industrial Electrician <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Bachelor’s Degree or higher in Building Science, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● Alabama Electrical Contractor’s License (<i>Must be active or valid</i>) ● NCCER¹ Commercial Electrician ● NCCER¹ Industrial Electrician ● Alabama Home Builder’s License (<i>Must be active or if inactive must be in good standings with the capability of being active</i>) ● Alabama General Contractors License (<i>Must be active or valid</i>) <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● NCCER ICTP ● Required state-recognized professional learning see page 4
<p>Electronics Technology</p> <p><i>(Listed in Program Guide as Electronics)</i></p>	<ul style="list-style-type: none"> ● Associate’s Degree in Electronics, Robotics, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● Electronics Technicians Association CETa Exam ● NCCER² Electronics System Technical ● NCCER² Commercial Electrician ● NCCER² Industrial Electrician <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Bachelor’s Degree in Electronics, Robotics, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● Electronics Technicians Association CETa Exam ● NCCER¹ Electronics System Technical ● NCCER¹ Commercial Electrician ● NCCER¹ Industrial Electrician ● Alabama Electrical Contractor’s License <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4

¹The applicant must achieve the cut score established by NCCER which is included in the specifications available for each of the specific industry craft assessments.

²The applicant may achieve either the cut score established by NCCER or a minimum cut score on the NCCER first and second level of their industry-specific craft assessment. The minimum cut score will be determined from the applicant’s score report that details the number of correct responses for each module assessed and specific to the industry craft assessment.

2023-2024 Technical Education and Health Science Occupational Proficiencies

Valid from July 1, 2023 – June 30, 2024

Program Area	ENTRY LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)	MASTER LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)
<p>Emergency and Fire Management Services</p>	<ul style="list-style-type: none"> ● Associate’s Degree in Fire Science, Fire Technology, Fire Administration, Fire Fighter/Paramedic, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● Firefighter I/II ● Fire Instructor I <ul style="list-style-type: none"> ○ School systems planning to offer the National Fire Protection Agency 1001 certification must employ a teacher who holds Fire Instructor I certification. <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● National or Alabama Registered Emergency Medical Technician/ Emergency Medical Technician Advanced/ Emergency Medical Technician Paramedic <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Bachelor’s Degree or higher in Fire Science, Law & Public Safety, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● Fire Officer I ● Certified in Rescue Technician content other than Rope I and Rope II (Four of the nine listed below are required) <ul style="list-style-type: none"> ○ RT: Cave I/II ○ RT: Confined Space I/II ○ RT: Dive I ○ RT: Structural Collapse I/II ○ RT: Surface Water I/II ○ RT: Swiftwater I/II ○ RT: Trench I/II ○ RT: Vehicle Extrication and Machinery Extrication I ○ RT: Wilderness I/II ● EMS Safety Officer ● Rescue Officer Level I may be certified as an EMS Safety Officer I <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● National or Alabama Registered Emergency Medical Technician/ Emergency Medical Technician Advanced/ Emergency Medical Technician Paramedic ● Required state-recognized professional learning see page 4

2023-2024 Technical Education and Health Science Occupational Proficiencies

Valid from July 1, 2023 – June 30, 2024

Program Area	ENTRY LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)	MASTER LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)
Engineering	<ul style="list-style-type: none"> • Bachelor’s Degree in Engineering or in a related area <p>OR</p> <ul style="list-style-type: none"> • Valid Alabama Class B Professional Educator Certificate in Math, General Science, Chemistry, or Physics • NOCTI – Pre-Engineering/Engineering Technology (5915) <p>OR</p> <ul style="list-style-type: none"> • Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> • 15 hours of earned State-recognized professional learning/technical updates in Engineering within the valid period of the certificate held <p>OR</p> <ul style="list-style-type: none"> • One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> • Master’s Degree or higher in Engineering or in a related area <p>OR</p> <ul style="list-style-type: none"> • Valid Alabama Class A or higher Professional Educator Certificate in Math, General Science, Chemistry, or Physics <p>AND</p> <ul style="list-style-type: none"> • NOCTI – Pre-Engineering/Engineering Technology (5915) <p>OR</p> <ul style="list-style-type: none"> • Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> • Required state-recognized professional learning see page 4
*Flight Technology	<ul style="list-style-type: none"> • Associate’s Degree in Aviation Flight Technology or in a related area <p>OR</p> <ul style="list-style-type: none"> • Private Pilot License (Must be active or valid) <p>OR</p> <ul style="list-style-type: none"> • Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> • One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> • Bachelor’s Degree in Aviation Flight Technology or in a related area <p>OR</p> <ul style="list-style-type: none"> • Commercial Pilot License (CPL) (Must be active or valid) • Flight Instructor Certificate (CFI) (Must be active or valid) <p>OR</p> <ul style="list-style-type: none"> • Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> • Required state-recognized professional learning see page 4
*Developing program area – credentials will be evaluated on an as-needed basis.		

2023-2024 Technical Education and Health Science Occupational Proficiencies

Valid from July 1, 2023 – June 30, 2024

Program Area	ENTRY LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)	MASTER LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)
Forestry⁴	<ul style="list-style-type: none"> ● Forestry Worker Certification <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Forestry Worker Certification <p>AND</p> <ul style="list-style-type: none"> ● Integrated Pest Management Certification <p>OR</p> <ul style="list-style-type: none"> ● Urban Forestry Technician <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4
Graphic Arts	<ul style="list-style-type: none"> ● Associate’s Degree or higher in Graphic Arts, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● Adobe Certified Professional – InDesign ● NOCTI – Graphic Production Technology (5938) <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Bachelor’s Degree or higher in Graphic Design, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● Adobe Certified Professional in Visual Design ● ADDA Certified Digital Designer (Must be active or valid) ● Adobe Certified Expert Certification <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4
⁴ Inactive Program		

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Valid from July 1, 2023 – June 30, 2024

Program Area	ENTRY LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)		MASTER LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)	
	Health Profession	Alabama License	Health Profession	Alabama License
Health Science	Athletic Trainer (not Personal Trainer)	ATC	Athletic Trainer (not Personal Trainer)	ATC
	Licensed Practical Nurse <i>(With an earned Associate of Science Degree)</i>	LPN	*Nurse Practitioner	CRNP
	*Nurse Practitioner	CRNP	Occupational Therapist	OT, OT/L, OTR/L or LOTR
	Occupational Therapist	OT, OT/L, OTR/L or LOTR	Paramedic	Paramedic
	Occupational Therapy Assistant	OTA	Pharmacist	PharmD/RPh
	Paramedic	Paramedic	Physician	MD or DO
	Pharmacist	PharmD/RPh	Physician Assistant	PA
	Physician	MD or DO	Physical Therapist	PT or RPT
	Physician Assistant	PA	*Registered Nurse	RN
	Physical Therapist	PT or RPT	Respiratory Therapist	RRT, CRT, or LRT
	Physical Therapy Assistant	PTA	Veterinarian	DVM
	*Registered Nurse	RN		
	Registered Technologist, Radiography <i>(With an earned Associate of Science Degree)</i>	RT(R)		
	Respiratory Therapist	RRT, CRT, or LRT		
	Veterinarian	DVM		
			AND ● BLS Instructor Certification AND ● 30 hours of earned State-recognized professional learning/technical updates in the Healthcare field within the valid period of the certificate held	

*School systems planning to offer a Certified Nurse Aide Training Program must employ a teacher who is a Registered Nurse. Must have two years of nursing experience and one year must be in caring for geriatric patients.

2023-2024 Technical Education and Health Science Occupational Proficiencies

Valid from July 1, 2023 – June 30, 2024

Program Area	ENTRY LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)	MASTER LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)
Heating, Ventilation, & Air Conditioning	<ul style="list-style-type: none"> ● NCCER² HVAC Technician <p>AND</p> <ul style="list-style-type: none"> ● EPA Card (Must be active or valid) <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Associate’s Degree or higher in HVAC, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● NCCER¹ HVAC Technician ● Alabama General Contractors License (Must be active or valid) <p>AND</p> <ul style="list-style-type: none"> ● EPA Card (Must be active or valid) <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● NCCER ICTP ● Required state-recognized professional learning see page 4
Heavy Equipment Operations	<ul style="list-style-type: none"> ● Associate’s Degree in Heavy Equipment Operations, Building Science, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● NCCER¹ Heavy Equipment Operator (HEO) Level One ● NCCER¹ HEO: Forklift ● Heavy Equipment Training Program (Minimum of 6 weeks-must be regionally accredited or accredited by DEAC) <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Bachelor’s Degree or higher in Building Science, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● NCCER¹ HEO: Loader ● NCCER¹ HEO: Excavator ● NCCER¹ HEO: Dozer ● NCCER¹ HEO: Backhoe ● Alabama Home Builder’s License (Must be active or if inactive must be in good standings with the capability of being active) ● Alabama General Contractors License (Must be active or valid) <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● NCCER ICTP ● Required state-recognized professional learning see page 4

¹The applicant must achieve the cut score established by NCCER which is included in the specifications available for each of the specific industry craft assessments.

²The applicant may achieve either the cut score established by NCCER or a minimum cut score on the NCCER first and second level of their industry-specific craft assessment. The minimum cut score will be determined from the applicant’s score report that details the number of correct responses for each module assessed and specific to the industry craft assessment.

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Valid from July 1, 2023 – June 30, 2024

Program Area	ENTRY LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)	MASTER LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)
Horticulture⁴	<ul style="list-style-type: none"> ● Landscape Management Technician <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Landscape Management Technician <p>AND</p> <ul style="list-style-type: none"> ● Integrated Pest Management Certification <p>OR</p> <ul style="list-style-type: none"> ● Turfgrass Management Certification <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4
Industrial Maintenance-Electrical and Instrumentation (E&I)	<ul style="list-style-type: none"> ● Associate’s Degree in Electrical and Instrumentation Technology, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● NCCER² Industrial Maintenance ● NCCER² Electrical and Instrumentation Technician ● NCCER² Industrial Millwright ● NCCER² Commercial Electrician ● NCCER² Industrial Electrician ● NCCER¹ Electrician Level 1 <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Bachelor’s Degree or higher in Electrical and Instrumentation Engineering, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● NCCER¹ Industrial Maintenance ● NCCER¹ Electrical and Instrumentation Technician ● NCCER¹ Commercial Electrician ● NCCER¹ Industrial Electrician ● NCCER¹ Industrial Millwright ● Alabama Electrical Contractor’s License <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4

¹The applicant must achieve the cut score established by NCCER which is included in the specifications available for each of the specific industry craft assessments.

²The applicant may achieve either the cut score established by NCCER or a minimum cut score on the NCCER first and second level of their industry-specific craft assessment. The minimum cut score will be determined from the applicant’s score report that details the number of correct responses for each module assessed and specific to the industry craft assessment.

⁴Inactive Program

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Valid from July 1, 2023 – June 30, 2024

Program Area	ENTRY LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)	MASTER LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)
Industrial Maintenance-Mechanical	<ul style="list-style-type: none"> ● Associate’s Degree in Industrial Maintenance Mechanical, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● NCCER² Industrial Maintenance ● NCCER² Industrial Maintenance Mechanic ● NCCER² Electrical, and Instrumentation Technician ● NCCER² Industrial Millwright ● NCCER² Commercial Electrician ● NCCER² Industrial Electrician ● NCCER¹ Electrician Level 1 <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Bachelor’s Degree or higher in Industrial Maintenance, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● NCCER¹ Industrial Maintenance ● NCCER¹ Industrial Maintenance Mechanic ● NCCER¹ Electrical, and Instrumentation Technician ● NCCER¹ Commercial¹ Electrician ● NCCER¹ Industrial¹ Electrician ● NCCER¹ Industrial Millwright ● MSSC Certified Production Technician <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4

¹The applicant must achieve the cut score established by NCCER which is included in the specifications available for each of the specific industry craft assessments.

²The applicant may achieve either the cut score established by NCCER or a minimum cut score on the NCCER first and second level of their industry-specific craft assessment. The minimum cut score will be determined from the applicant’s score report that details the number of correct responses for each module assessed and specific to the industry craft assessment.

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Program Area	ENTRY LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)	MASTER LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)
<p>Information Technology Support and Service</p> <p>Replacing Computer Electronics for the 2024-2025 scholastic year</p>	<ul style="list-style-type: none"> ● Associate’s Degree in Computer Networking, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● Certified Ethical Hacker ● CompTIA A+ (The <u>Two</u> listed below are required) <ul style="list-style-type: none"> ○ Core 1 (220-1101) ○ Core 2 (220-1102) ● CompTIA Network+ ● CompTIA Security+ ● Certiport Information Technology Specialist (ITS) Exam (<u>Two</u> of the five listed below are required): <ul style="list-style-type: none"> ○ Networking ○ Network Security ○ Device Configuration and Management ○ Cloud Computing ○ Software Development <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Bachelor’s Degree or higher in Computer Networking, or in a related area ● AND (One of the options below) (Must be active and valid) ● CompTIA Network+ ● CompTIA Security+ ● CompTIA A+ (The <u>Two</u> listed below are required) <ul style="list-style-type: none"> ○ Core 1 (220-1101) ○ Core 2 (220-1102) ● Certiport Information Technology Specialist (ITS) Exam (<u>Four</u> of the five listed below are required) <ul style="list-style-type: none"> ○ Networking ○ Network Security ○ Device Configuration and Management ○ Cloud Computing ○ Artificial Intelligence <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4

2023-2024 Technical Education and Health Science Occupational Proficiencies

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Program Area	ENTRY LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)	MASTER LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)
*JAG Specialist	<ul style="list-style-type: none"> ● Associate’s Degree in an area listed below, or in a related area <ul style="list-style-type: none"> ○ Social Work ○ Counseling (Other than school counseling) ○ Business Administration ○ Human Services ○ Occupational Education ○ Psychology ○ Rehab and Disability Studies ○ Sociology <p>OR</p> <ul style="list-style-type: none"> ● **One of the five listed below is required (Valid within 5 years from the date the application is received in the Educator Certification Section) <ul style="list-style-type: none"> ○ NCDA -Facilitating Career Development Credential ○ NCDA - School Career Development Advisor Credential ○ SHRM Senior Certified Professional (SHRM-SCP) ○ Professional in Human Resources (PHR) Certification ○ CPTD – Certified Professional in Talent Development <p>AND</p> <ul style="list-style-type: none"> ● 15 hours Continuing Education in a related area <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Bachelor’s Degree or higher in an area listed below, or in a related area <ul style="list-style-type: none"> ○ Social Work ○ Counseling (Other than school counseling) ○ Business Administration ○ Human Services ○ Occupational Education ○ Psychology ○ Rehab and Disability Studies ○ Sociology <p>AND</p> <ul style="list-style-type: none"> ● Passing of the National Counseling Exam (NCE) <p>OR</p> <ul style="list-style-type: none"> ● **One of the five listed below is required (Valid within 5 years from the date the application is received in the Educator Certification Section) <ul style="list-style-type: none"> ○ NCDA – Certified School Career Development Advisor Credential ○ ACWS – Academy of Certified Social Worker ○ DCSW – Diplomate in Clinical Social Work ○ Licensure Issued by Alabama State Board of Examiners in Social Work or Counseling (other than school counseling) ○ PHR -- Professional in Human Resources <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4
<p>*Developing program area – credentials will be evaluated on an as-needed basis **Additional licenses or certifications may be submitted for approval</p>		

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Program Area	ENTRY LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)	MASTER LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)
Law Enforcement	<ul style="list-style-type: none"> ● Associate’s Degree in a Law and Public Safety area <p>OR</p> <ul style="list-style-type: none"> ● APOST Certification or equivalent ● DODPOST Certification or equivalent ● Federal Law Enforcement Training Agency <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Bachelor’s Degree or higher in a Law and Public Safety area <p>OR</p> <ul style="list-style-type: none"> ● APOST Certification or equivalent ● DODPOST Certification or equivalent ● Federal Law Enforcement Training Agency <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4
Legal Services	<ul style="list-style-type: none"> ● Associate’s Degree in Paralegal, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● NOCTI-Criminal Justice (5269) <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Bachelor’s Degree or higher in Law, Criminal Justice or, in a related area <p>AND</p> <ul style="list-style-type: none"> ● NOCTI-Criminal Justice (5269) <p>OR</p> <ul style="list-style-type: none"> ● Master’s Degree or higher in Criminal Justice, or in a related area ● Juris Doctorate <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4

2023-2024 Technical Education and Health Science Occupational Proficiencies

Valid from July 1, 2023 – June 30, 2024

Program Area	ENTRY LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)	MASTER LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)
Logistics	<ul style="list-style-type: none"> ● Associate’s Degree in Logistics, Materials, & Supply Chain Management or in a related area <p>OR</p> <ul style="list-style-type: none"> ● MSSC Certified Logistics Technician ● MSSC Certified Logistics Associate ● NOCTI Logistics (5914) <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Bachelor’s Degree or higher in Logistics, Materials, & Supply Chain Management or in a related area <p>OR</p> <ul style="list-style-type: none"> ● MSSC Certified Logistics Technician ● ASCM- Supply Chain Management <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4
Masonry	<ul style="list-style-type: none"> ● Associate’s Degree in Masonry, Building Science, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● NCCER¹ Masonry Level One <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Bachelor’s Degree or higher in Building Science, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● NCCER¹ Masonry ● Alabama Home Builder’s License (Must be active or if inactive must be in good standings with the capability of being active) ● Alabama General Contractors License (Must be active or valid) <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● NCCER ICTP ● Required state-recognized professional learning see page 4
<p>¹The applicant must achieve the cut score established by NCCER which is included in the specifications available for each of the specific industry craft assessments.</p>		

2023-2024 Technical Education and Health Science Occupational Proficiencies

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Program Area	ENTRY LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)	MASTER LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)
Modern Manufacturing	<ul style="list-style-type: none"> ● Associate’s Degree in Manufacturing or in a related area <p>OR</p> <ul style="list-style-type: none"> ● MSSC Certified Production Technician ● NCCER² Industrial Maintenance ● NCCER² Electrical, and Instrumentation Technician ● NCCER² Industrial Millwright ● NCCER² Commercial Electrician ● NCCER² Industrial Electrician ● NCCER¹ Electrician Level 1 <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Bachelor’s Degree or higher in Manufacturing, Engineering, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● NCCER¹ Industrial Maintenance ● NCCER¹ Electrical, and Instrumentation Technician ● NCCER¹ Commercial¹ Electrician ● NCCER¹ Industrial¹ Electrician ● NCCER¹ Industrial Millwright ● Alabama Electrical Contractor’s License <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● NCCER ICTP ● MSSC Certified Production Technician ● Required state-recognized professional learning see page 4
Plumbing	<ul style="list-style-type: none"> ● Associate’s Degree or higher Plumbing, Building Science, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● NCCER² Industrial Pipefitter ● NCCER² Plumber <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Bachelor’s Degree or higher in Building Science, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● NCCER¹ Industrial Pipefitter ● NCCER¹ Plumber ● Alabama Journeyman Plumber License ● Alabama Master Plumber License ● Alabama Home Builder’s License (Must be active or if inactive must be in good standings with the capability of being active) ● Alabama General Contractors License (Must be active or valid) ● Alabama Journeyman or Master Gas Fitter License <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● NCCER ICTP ● Required state-recognized professional learning see page 4

¹The applicant must achieve the cut score established by NCCER which is included in the specifications available for each of the specific industry craft assessments.

²The applicant may achieve either the cut score established by NCCER or a minimum cut score on the NCCER first and second level of their industry-specific craft assessment. The minimum cut score will be determined from the applicant’s score report that details the number of correct responses for each module assessed and specific to the industry craft assessment.

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Program Area	ENTRY LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)	MASTER LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)
Power Equipment	<ul style="list-style-type: none"> ● NOCTI – Small Engine Technology (5277) ● EETC Certified Engine Technician Certification (The three areas listed below are required) <ul style="list-style-type: none"> ○ Compact Diesel ○ Two Stroke ○ Four Stroke <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● EETC Master Technician Certification (Six of the eight listed below are required) <ul style="list-style-type: none"> ○ Two Stroke ○ Four Stroke ○ Drivelines ○ Mechanical Systems ○ Electrical ○ Compact Diesel ○ Generator ○ Reel Technology <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4
Precision Machining *Updated 9/1/23	<ul style="list-style-type: none"> ● Associate’s Degree in Precision Machining Technology, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● NIMS Turning I Between Centers ● NIMS Turning I Chucking ● NIMS Milling I ● NIMS CNC Mill Operations ● NIMS CNC Lathe Operation ● NIMS (The two areas listed below are required) <ul style="list-style-type: none"> ○ Measurement, Materials, & Safety ○ Manual Milling Skills I <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● One of the NIMS Certification listed below: <ul style="list-style-type: none"> ○ NIMS Turning II Between Centers ○ NIMS Turning II Chucking ○ NIMS Milling II ○ NIMS CNC Mill II ○ NIMS CNC Lathe II <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4

¹ The applicant must achieve the cut score established by NCCER which is included in the specifications available for each of the specific industry craft assessments.

² The applicant may achieve either the cut score established by NCCER or a minimum cut score on the NCCER first and second level of their industry-specific craft assessment. The minimum cut score will be determined from the applicant’s score report that details the number of correct responses for each module assessed and specific to the industry craft assessment.

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Program Area	ENTRY LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)	MASTER LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)
*Real Estate	<ul style="list-style-type: none"> ● Associate’s Degree in Business, Finance, or in a related area <p>AND</p> <ul style="list-style-type: none"> ● **Microsoft Office Specialist Expert (Year 2019 or higher) <p>OR</p> <ul style="list-style-type: none"> ● Alabama Real Estate License (Must be active or valid) <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Alabama Real Estate Broker’s License (Must be active or valid) <p>AND</p> <ul style="list-style-type: none"> ● **Microsoft Certified Educator <p>OR</p> <ul style="list-style-type: none"> ● Real Estate Educator’s License (Must be active or valid) <p>AND</p> <ul style="list-style-type: none"> ● **Microsoft Certified Educator <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4
Robotics and Automation	<ul style="list-style-type: none"> ● Associate’s Degree in Robotics, Electrical Engineering or in a related area <p>OR</p> <ul style="list-style-type: none"> ● FCR-T1 FANUC Certified Robot Technician - 1 ● FCT-T2 FANUC Certified Robot Technician – 2 ● NC3 (Four of the nine areas listed below are required) <ul style="list-style-type: none"> ○ Fundamentals of Industry 4.0 ○ Fundamentals of Fluid Power – Hydraulics ○ Fundamentals for Fluid Power – Pneumatics ○ Fundamentals of Electricity – DC ○ Fundamentals of Electricity – AC ○ Fundamentals of Mechanical Systems ○ Fundamentals of Sensor Technology ○ Fundamentals of PLC’s ○ Fundamentals of Robotics <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Bachelor’s Degree or higher in Robotics, Electrical Engineering or in a related area <p>OR</p> <ul style="list-style-type: none"> ● Electronics Technicians Association Industrial Electronics ● NC3 – Certified Industry 4.0 Associate <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4
<p>*Developing program area – credentials will be evaluated on an as-needed basis. **Additional License or Certifications may be submitted for approval</p>		

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Program Area	ENTRY LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)	MASTER LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)
SREB AC Automated Materials Joining Technology	<ul style="list-style-type: none"> • See Additive Manufacturing on page 5 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> • SREB Teacher Training Institute required per course/per teacher 	<ul style="list-style-type: none"> • See Additive Manufacturing on page 5 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> • SREB Training Institute required per course/per teacher
SREB: AC Energy and Power (NEW 2023-2024)	<ul style="list-style-type: none"> • See Electronics Technology on page 16 OR Engineering on page 18 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> • SREB Teacher Training Institute required per course/per teacher 	<ul style="list-style-type: none"> • See Electronics Technology on page 16 OR Engineering on page 18 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> • SREB Teacher Training Institute required per course/per teacher
SREB: AC Global Logistics and Supply Chain Management (NEW 2023-2024)	<ul style="list-style-type: none"> • See Logistics on page 27 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> • SREB Teacher Training Institute required per course/per teacher 	<ul style="list-style-type: none"> • See Logistics on page 27 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> • SREB Teacher Training Institute required per course/per teacher
SREB: Clean Energy	<ul style="list-style-type: none"> • See Electrical Technology on page 16 or Utility Line Worker on page 33 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> • SREB Teacher Training Institute required per course/per teacher 	<ul style="list-style-type: none"> • See Electrical Technology on page 16 or Utility Line Worker on page 33 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> • SREB Teacher Training Institute required per course/per teacher
SREB: AC Informatics ³	<ul style="list-style-type: none"> • See Cybersecurity and Infrastructure on page 13 OR Information Technology Support and Service on page 24 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> • SREB Teacher Training Institute required per course/per teacher 	<ul style="list-style-type: none"> • See Cybersecurity and Infrastructure on page 13 OR Information Technology Support and Service on page 24 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> • SREB Teacher Training Institute required per course/per teacher
SREB: AC Integrated Production Technologies	<ul style="list-style-type: none"> • See Additive Manufacturing on page 5 OR Engineering on page 18 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> • SREB Teacher Training Institute required per course/per teacher 	<ul style="list-style-type: none"> • See Additive Manufacturing on page 5 OR Engineering on page 18 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> • SREB Teacher Training Institute required per course/per teacher
SREB: Innovations in Science and Technology	<ul style="list-style-type: none"> • See Engineering on page 18 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> • SREB Teacher Training Institute required per course/per teacher 	<ul style="list-style-type: none"> • See Engineering on page 18 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> • SREB Teacher Training Institute required per course/per teacher
³ Higher level expert certifications may be considered for the program area at both the ENTRY LEVEL and MASTER LEVEL.		

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Program Area	ENTRY LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)	MASTER LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)
<p>Technical Design</p> <p>(NEW 2023-2024) <i>(Replaced Drafting Design Technology)</i></p>	<ul style="list-style-type: none"> ● Associate’s Degree in Drafting or in a related area <p>OR</p> <ul style="list-style-type: none"> ● Autodesk Certified User – AutoCAD ● Autodesk Certified User – Inventor ● Autodesk Certified User -Revit ● Autodesk Certified User- Fusion 360 ● NOCTI – Mechanical Drafting and Design (5272) ● NOCTI – Technical Drafting (5178) ● Solid Edge – Associate ● Solid Works – Associate <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Bachelor’s Degree or higher in Building Science, Engineering, or in a related are of Construction <p>OR</p> <ul style="list-style-type: none"> ● Autodesk Certified Professional – AutoCAD ● Autodesk Certified Professional – Inventor ● Solid Edge – Professional ● Solid Works – Professional <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4
<p>Television Production</p>	<ul style="list-style-type: none"> ● Associate’s Degree in Television/Video Production, Digital Video, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● Adobe Certified Professional in Premier Pro ● Adobe Certified Professional in After Effects ● NOCTI – Television Production (5186) ● NOCTI – Audio-Video Technology (5904) <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Bachelor’s Degree or higher in Broadcast Engineering, Broadcast Journalism, Television/ Video Production, Digital Video or in a related area <p>OR</p> <ul style="list-style-type: none"> ● Adobe Certified Professional in Video Design <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● Required state-recognized professional learning see page 4

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Valid from July 1, 2023 – June 30, 2024

Program Area	ENTRY LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)	MASTER LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)
Utility Line Worker	<ul style="list-style-type: none"> ● Associate’s Degree in a Building Science, Construction, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● NCCER¹ Power Line Worker Level 1 ● Utility Line Worker Education Certificate (Train the Trainer) ● Pre-Apprentice Lineman School minimum of 7 weeks-must be regionally accredited or accredited by DEAC <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● Bachelor’s Degree or higher in Building Science, Construction, Engineering, or in a related area <p>OR</p> <ul style="list-style-type: none"> ● NCCER¹ Power Line Worker: Distribution Level 2 ● NCCER¹ Power Line Worker: Substation Level 2 ● NCCER¹ Power Line Worker: Transmission Level 2 ● Journeyman or Master Lineman or Equivalent ● Alabama Electrical Contractor’s License ● NCCER¹ Commercial Electrician ● NCCER¹ Industrial Electrician ● Alabama Home Builder’s License (Must be active or if inactive must be in good standings with the capability of being active) ● Alabama General Contractor’s License (Must be active or valid) <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● NCCER ICTP ● Required state-recognized professional learning see page 4
Welding	<ul style="list-style-type: none"> ● Associate’s Degree or higher in Welding or in a related area <p>OR</p> <ul style="list-style-type: none"> ● 3 AWS Performance Tests: Three of the five areas listed below are required (Select two required and one optional): <ul style="list-style-type: none"> ○ Required: <ul style="list-style-type: none"> ○ SMAW 3-G or 3-F uphill progression D1.1 ○ GTAW 3-G or 3-F uphill progression (Steel) ○ FCAW 3-G or 3-F uphill progression D1.1 ○ Optional: <ul style="list-style-type: none"> ○ GTAW 3-G or 3-F uphill progression (aluminum) D1.2 ○ GMAW 3-G or 3-F uphill progression D1.1 ● 4G ● 5G <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● 5 AWS Performance Tests: Four of the five areas listed below are required (Select three required and one optional): <ul style="list-style-type: none"> ○ Required: <ul style="list-style-type: none"> ○ SMAW 3-G uphill progression D1.1 ○ GTAW 3-G uphill progression (Steel) ○ FCAW 3-G uphill progression D1.1 ○ Optional: <ul style="list-style-type: none"> ○ GTAW 3-G uphill progression (aluminum) D1.2 ○ GMAW 3-G uphill progression D1.1 ● AWS CWI Certification ● 6G ● 6GR <p>OR</p> <ul style="list-style-type: none"> ● Military experience see page 4 <p>AND (ALL OPTIONS)</p> <ul style="list-style-type: none"> ● NCCER ICTP ● Required state-recognized professional learning see page 4
<p>¹ The applicant must achieve the cut score established by NCCER which is included in the specifications available for each of the specific industry craft assessments.</p>		

2023-2024 Technical Education and Health Science Occupational Proficiencies

Valid from July 1, 2023 – June 30, 2024

Program Area	ENTRY LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)	MASTER LEVEL (Choose <u>ONE</u> of the ● options unless otherwise indicated)
Working in Multicultural Environments: Korean	<ul style="list-style-type: none"> ● National Board of Certified Medical Interpreters Hub – CMI Certification (must be followed by the CMI Certification within two years) ● Certified by the ATA (<i>See page 36</i>) <p align="center">OR</p> <ul style="list-style-type: none"> ● One of the Master Level Occupational Proficiencies 	<ul style="list-style-type: none"> ● National Board of Certified Medical Interpreters CMI Certification (must be completed within two years of the Hub – CMI Credential) <p align="center">OR</p> <ul style="list-style-type: none"> ● National Board of Certified Medical Interpreters Hub – CMI Certification (must be followed by the CMI Certification within two years) <p align="center">AND</p> <ul style="list-style-type: none"> ● Certified by the ATA (<i>See page 36</i>)

Definitions

ABYC:	American Boat and Yacht Council	LOTR:	Licensed Occupational Therapist
AC:	Alternating Current	LPN:	Licensed Practical Nurse
ACF:	American Culinary Federation	LRT:	Licensed Respiratory Therapist
ACWS:	Academy of Certified Social Worker	MD:	Medical Doctor
ADDA:	American Design Drafting Association	MSSC:	Manufacturing Skills Standards Council
ALSDE:	Alabama State Department of Education	NCCER:	National Center for Construction Education & Research
APOST:	Alabama Peace Officer’s Standards and Training	NCDA:	National Career Development Association
ASE:	Automotive Service Excellence	NCE:	National Counseling Exam
ATA:	American Translators Association	NIMS:	National Institute for Metalworking Skills
ATC:	Athletic Training Certification	NOCTI:	National Occupation Competency Testing Institute
AWS:	American Welding Society	OT:	Occupational Therapist
BLS:	Basic Life Support	OT/L:	Occupational Therapist/Licensed
CDA:	Child Development Associate	PharmD:	Pharmacist
CDP:	Certified Drone Photographer (Professional Photographers of America)	PHR:	Professional in Human Resources
CLA:	C Programming Language Certified Associate’s	PLT:	Principles of Learning and Teaching
CLD:	National Institute Certified LabVIEW Developer	PLTW:	Project Lead The Way
CLAD:	National Institute Certified LabVIEW Associate’s Developer	PT:	Physical Therapist
CMI:	National Board of Certified Medical Interpreters Certification	PTA:	Physical Therapy Assistant
CNC:	Computer Numerical Control	OTR/L:	Registered Occupational Therapist/Licensed
CPA:	Certified Public Account	OUPV:	Operator of Uninspected Passenger Vessels
CPP:	Certified Professional Photographer (Professional Photographers of America)	PA:	Physician Assistant
CRNP:	Certified Registered Nurse Practitioner	RN:	Registered Nurse
CRT:	Certified Respiratory Therapist	RPT:	Registered Physical Therapist
CWI:	Certified Welding Inspector	RRT:	Registered Respiratory Therapist
DEAC:	Distance Education Accrediting Commission	RT(R):	Registered Technologist, Radiography
DCSW:	Diplomate in Clinical Social Work	RpH:	Pharmacist
DO:	Doctor of Osteopathic Medicine	SHRM-SCP:	Senior Certified Professional
DODPOST:	Department of Defense Peace Officer Standards and Training Commission	SREB:	Southern Regional Education Board
DVM:	Veterinarian	SWAW:	Shielded Metal Arc Welding: Stick welding
EPA:	Environmental Protection Agency- Section 608 Technician Certification	VMET:	Verification of Military Experience and Training
FAA:	Federal Aviation Administration		
FCAW:	Flux Core Arc Welding- Flux		
GMAW:	Gas Metal Arc Welding – MIG		
GTAW:	Gas Tungsten Arc Welding – TIG		
HEO:	Heavy Equipment Operator		
ICTP:	Instructor Certification Training Program: NCCER		
ITS:	Information Technology Specialist		

NOTES

ASE

- For testing specifics

Computer Science / Database Design / Informatics / Network Systems and Computer Services / Programming and Software Development

- ³ Higher level expert certifications may be considered for the program area at both the **Entry Level** and **Master Level**.

Inactive Programs

- ⁴ Forestry
- ⁴ Horticulture
- Contact Fred Kapp at fkapp@bellsouth.net

NCCER

- ¹ The applicant must achieve the cut score established by NCCER which is included in the specifications available for each of the specific industry craft assessments.
- ² The applicant may achieve either the cut score established by NCCER or a minimum cut score on the NCCER first and second level of their industry-specific craft assessment. The minimum cut score will be determined from the applicant's score report that details the number of correct responses for each module assessed and specific to the industry craft assessment.
- For NCCER testing information, email ctetcp@alsde.edu.

NOCTI Testing

- For NOCTI testing, contact Dr. Bob Kimbrell at 205-394-9811.

Working in Multicultural Environments: Korean

- ATA Certified: https://www.atanet.org/certification/landing_about_exam.php
- CMI Certified: <https://www.certifiedmedicalinterpreters.org/>