

**electrical training ALLIANCE (etA) Interim Credentials - COMBINED**  
**August 16, 2019**



Certifying Organization	electrical training ALLIANCE <a href="https://electricaltrainingalliance.org/">https://electricaltrainingalliance.org/</a>	
Description of Credentials  <b>If all 5 Levels are completed with a 75% or higher overall average of all 5 levels, the student is awarded the etA Interim Completion Program Certificate Program advanced credential</b>  <b>IBC#: 472</b>	The electrical training ALLIANCE's (etA) goal is to provide the Electrical Construction Industry with the most highly trained and skilled workforce possible. While direct training occurs through local training programs, the electrical training ALLIANCE develops enhanced education standards to meet the competitive challenges of today's global market economy. The demonstration site for this program can be found at <a href="#">Interim Credentials Program</a>	
	etA Interim Credential Levels 1-3 <b>IBC#: 545</b> <b>Basic</b>	<u>Certification in etA Interim Credential Level 1 – Orientation</u> demonstrates the student has mastered an understanding of: The responsibilities of an electrical apprentice; how to achieve personal goals; how an electrical apprenticeship is structured; future opportunities and career paths available upon completion of an electrical apprenticeship; how to avoid and/or report harassment on the job; the economics of employment; safety as the number one priority.
		<u>Certification in etA Interim Credential Level 2 – Job Information</u> demonstrates the student has mastered understanding of information and simulations that take place on the job site as an apprentice. This includes the introduction to the tools that an electrician will use on a daily basis, workplace basics, and the various materials that they will come in contact with. Topics covered for mastery are: absenteeism, work safety, tools of the trade, use and care of ladders, basic characters of masonry and fasteners, connectors, alignment and measurement, commonly used items of installations, sizing and building wires, aluminum conductors, metric systems, alignment and measurement.
		<u>Certification in etA Interim Credential Level 3 – Codes &amp; Safety</u> demonstrates the student has mastered knowledge focused on the National Electrical Code (NEC) and the proper safety techniques and practices of an electrician. This course includes six e-learning, asynchronous lessons. Topics covered include: Safety, Introduction to NEC, Interpreting the language of NEC, Understanding and applying Article 110 of NEC, Wire and Insulation Properties, and Introduction to Wiring Devices.
	etA Interim Credential Level 4 <b>IBC#: 546</b> <b>Basic</b>	<u>Certification in etA Interim Credential Level 4 – DC Theory</u> demonstrates the student has mastered the intricacies of DC Theory. Students must demonstrate the fundamentals of circuits, wiring, and the mathematical ways in which an electrician works on a daily basis that includes the relationship between voltage, current, and resistance. This course is a simulation based e-learning that has the students actively trying to bring a starship's engines back online. The course is broken down into eight individual missions consisting of Electrical Basics, Series Circuits, Parallel Circuits, Combination Circuits, DC Circuit Analysis, Circuit Theory and Switches, Magnetism and Electromagnetism, and Generators and Motors.
etA Interim Credential Level 5 <b>IBC# 547</b> <b>Basic</b>	<u>Certification in etA Interim Credential Level 5 – Blueprints</u> demonstrates the student has mastered knowledge in the process of reading, measuring, and interpreting blueprints. While on the jobsite, students will be expected to be able to understand exactly what is in front of them and be able to interpret drawings and schematics. The course requires the student to demonstrate knowledge of the Evolution of the Blueprint Draft, Projections and Perspectives, Related Math, Scaling and Dimensions, Architectural Considerations, Schedules and Specs, and Residential Print Reading.	

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Part of which Graduation Pathways <sup>1</sup>	<p><b>Statewide:</b> Electrician  <b>Integrated:</b> Agriculture Tech, Manufacturing, Construction Crafts and Logistics, STEM  <b>Regional:</b> Electrical Helper</p>					
<a href="#">Associated with Which Careers?</a>	<p><b>5 Star:</b> Electricians, Industrial Machinery Mechanics  <b>4 Star:</b> Electrical and Electronics Repairers, Electrical Power-Line Installers and Repairers, Electrical and Electronics Engineering Technician, Commercial and Industrial Equipment  <b>3 Star:</b> Helpers – Electrician, Helpers--Installation, Maintenance, and Repair Workers  <b>2 Star:</b> Electrical Installers and Repairers Transportation Equipment</p>					
Entry-Level Annual Salaries	\$17,838 - \$33,805					
<b>Industry-Based Certification Requirements: Students</b>						
Standard / Curriculum	<p>etA: Interim Curriculum Pre-Apprentice Core Skills is a prerequisite for completion of the etA Interim Curriculum Pre-Apprenticeship certifications. Level 1 and above certifications must be successfully completed in order. Additional information may be found at the following links:  <a href="#">etA ALLIANCE Interim Curriculum</a>  <a href="#">etA Curriculum Interim Grading</a>  <a href="#">etA ALLIANCE Curriculum Syllabus</a></p>					
Testing Methodology	Paper?	Yes	Online?	Yes	Performance Exams / Tests?	Yes
Re-Testing (if available)	Re-Testing Procedures	Remediation must occur before any retest.			Max Attempts	N/A
Testing Details (including any age requirements / accommodations)	<p>etA does not have any age restrictions for their certifications.  etA assessments are primarily administered online but if given in person must be supervised by a certified etA local affiliate Instructor or Proctor. At the beginning of each semester the etA Instructor must submit the class roster using the online system or appropriately provided forms. This will allow for all students to be entered into the training database.  Students must pass individual level exams with a score of 70% or better. Performance verifications are pass/fail and must be signed off by the certified Instructor or Proctor.</p>					
<b>Industry-Based Certification Requirements: Teachers</b>						
<i>Bulletin 746, Chapter 5: All Louisiana teachers providing instruction in a course that leads to an IBC must hold the certification that they're teaching students to attain.</i>						
Instructor Certification Requirements (by certifying agency)	<p>Instructor must be a certified etA instructor with current certification at the level he/she is teaching. This certification must also be on file with the Louisiana Statewide Electrical Joint Apprenticeship Training Committee (LSEJATC).  To maintain etA Instructor certification, instructor must continue teaching the etA curriculum without a lapse of more than 2 years. If there is a lapse of more than 2 years, the Instructor must recertify.</p>					
Proctoring / Test Security (if any)	<p>Only certified instructors will have access to written tests if a student requires special accommodations. Tests will be administered by the instructor. Online content and assessments can only be accessed through an approved student login. Testing accommodations, specifically tests read aloud, are only available for designated students. Prior approval in writing must be obtained before testing. etA has given permission for school personnel to administer the assessment, in a one-on-one setting, provided the Instructor ensures test security.</p>					

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Certification Tracking					
Credentialing Documentation	<p>All scored level tests (written, electronic, and practical) will be kept in an electronic location for life. Results are submitted through the training database by the local etA point of contact representative via appropriate Form.</p> <p>Students, upon successful completion of etA levels 1-3, 4 and 5 with a combined average of 75% and above, will earn a nationally recognized certificate of completion. This certificate can be presented to any etA-affiliated electrical apprenticeship program in the United States when applying for entry, and be given advanced placement in that apprenticeship program upon acceptance. (Upon completion of Level 5, student will receive Completion Certificate for entire program, generated automatically online.)</p> <p><a href="#">etA Interim Credential Levels 1-3 IBC#: 545</a>  <a href="#">etA Interim Credential Level 4 IBC#: 546</a>  <a href="#">etA Interim Credential Level 5 IBC# 547</a>  <a href="#">etA Interim Completion Program Credential IBC#: 472</a></p>				
Certification Tracking System	Online Tracking System?	Yes	Details	N/A	
Other Details	Expiration Timeframe?	etA: Certifications do not expire.			
Certification Costs / Funding Sources					
Cost Details	It is the responsibility of school/district to provide access to consumables and laptops needed for students to take each level and assessments. There are two e-books associated with this program for DC Theory and Blueprints. Both are included in the overall cost. Cost per student for online access to all five levels and e-books: \$285. This gives the student full access to complete the program for 2 years.				
Re-test / Refund Policies	There are no costs associated with test or retest.				
Funding Sources <sup>2</sup>	CDF?	Yes	Perkins?	Yes	Alternative Source (other than General Funds)
For More Information					
Certifying Agency Contact Info	Heather Stefan 225-752-4861 <a href="mailto:lsejatc@electricaltrainingalliance.org">lsejatc@electricaltrainingalliance.org</a>				
LDOE Contacts	TBD				

1 – This table may not include all the graduation pathways this credential appears in. Please check the [graduation pathway](#) you are working with if you have a question as to whether or not this credential is part of that pathway. Always check with certifying agency for latest updates.

2 – CDF = [Career Development Fund](#)