

ANSI-IREC Accreditation Program



American National Standards Institute
Interstate Renewable Energy Council

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What is ANSI-IREC?



This is a specialty accreditation for
Renewable Energy/Energy Efficiency
CERTIFICATE PROGRAMS.



Why ANSI-IREC?

Growth of
clean energy
sector

Proliferation
of training
programs

*Confusion
about
quality*

The Answer



- ❑ Align training with jobs
- ❑ Define and differentiate quality training
- ❑ Provide programs with a means to demonstrate market value
- ❑ Increase consumer confidence and safeguards

How?



ANSI-IREC provides third-party verification that programs meet an American National Standard (IREC Standard 14732:2014) validated by the renewable energy and energy efficiency industry

**Quality training
with market value**

A Unique Approach



Technical
Content



Educational
Processes and
Management



Benefits to Programs

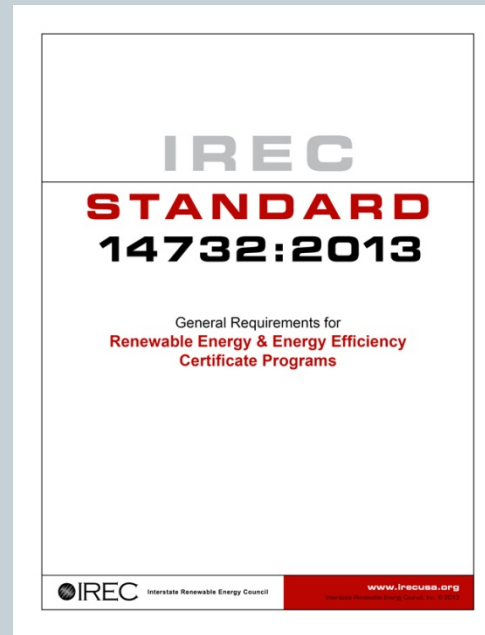
- ❑ Promotes high quality program design and implementation
- ❑ Distinguishes programs with a national recognition
- ❑ Provides an edge for enrollment, marketing and funding proposals

Benefits to Programs



- ❑ Aligned with industry-recognized credentials and standards
- ❑ Training dollars invested wisely
- ❑ Students “trained as advertised”

IREC Standard 14732:2014



www.irecusa.org

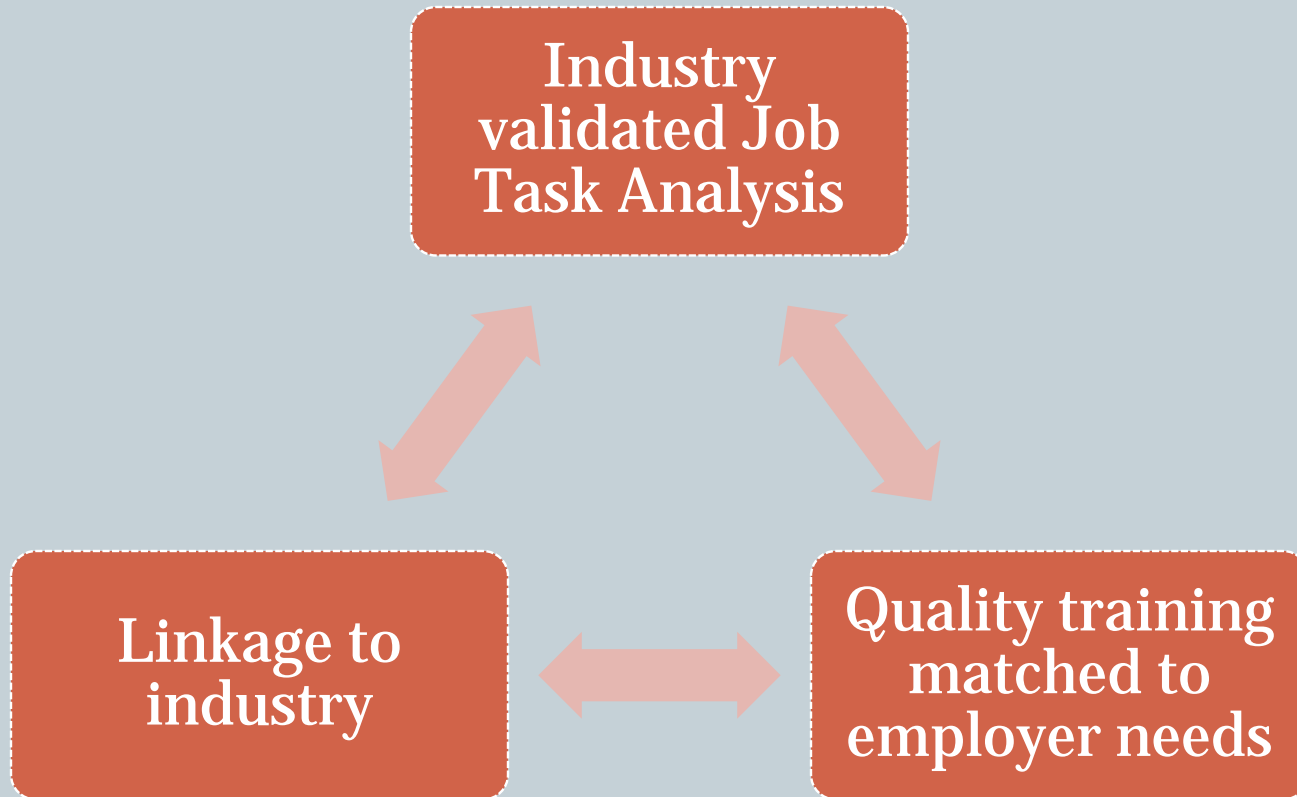


Interstate Renewable Energy Council

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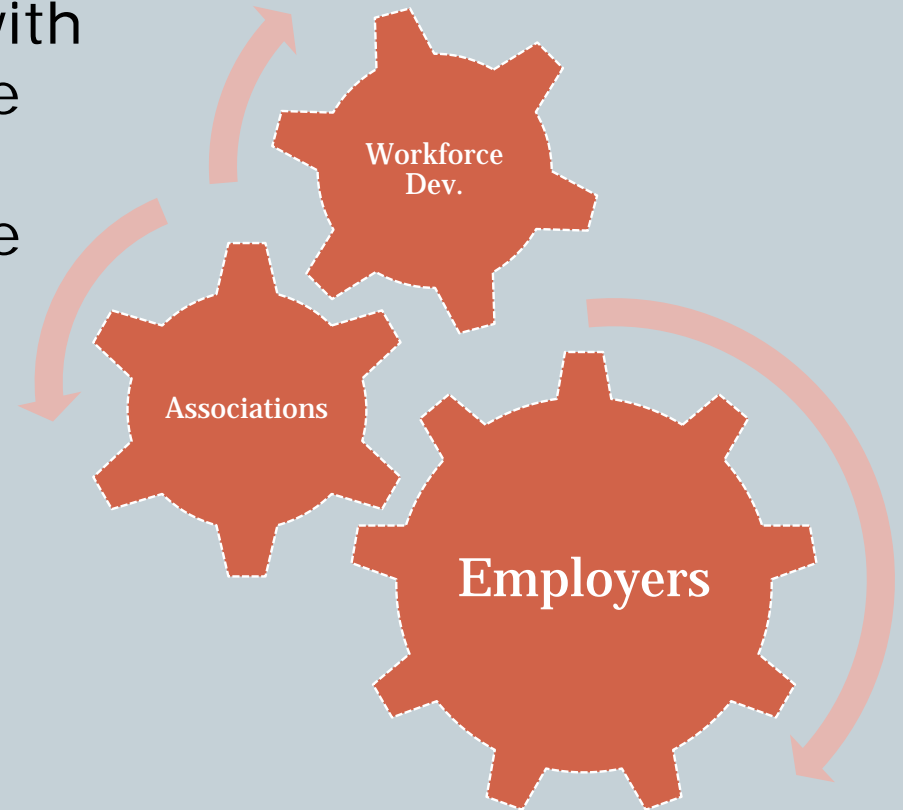


Market Value



Linkage with Industry

The certificate-awarding entity shall **maintain relationships** with the subject industry to ensure the **continued currency** and **market value** of the certificate



Job Task Analysis

10.2 Job Task Analysis Basis for Curriculum or Syllabus: The certificate-awarding entity shall base the certificate program on a **current, valid job task analysis** (JTA) that has been developed using generally accepted procedures and **includes the following:**

- a) An objective or scope that defines the overall job, including conditions and criteria
- b) A list of the knowledge, skills, and abilities (KSAs) that define the job
- c) Criticality ratings for each KSA
- d) Criteria used for validating the JTA

Systematic Program Plan



Any one of several **processes** recognized by education and training professionals that **documents the creation or revision** of educational programs, workshops, or courses using inter-related components of analysis, design, development, implementation, and evaluation.

Systematic Program Plan

- ❑ Use of **criterion-referenced** instruction
- ❑ **Analysis, program design, development, implementation, and evaluation** integrated
- ❑ **Defined curriculum** for each program
- ❑ **Syllabus** for each course
- ❑ **Instruction conforms** to syllabus and curriculum

Management System

Documentation

Document control

Internal audit 

The review of an entity's policies and procedures to determine the entity's conformance with them.

Management review

Communication of internal audit results

Assessment of Learners



- ❑ Written and performance examinations **required**
- ❑ Assessments must be **criterion-referenced**

Assessment of Learners

- Requirements for **development, administration and scoring**
 - Secure
 - Routinely reviewed
 - Provisions for learners with special needs
 - Protocols for those administering
 - Criterion referenced passing score
 - Inter-rater reliability

Meeting the Requirements



Documented compliance

Evidence of implementation

Verified on paper and
during onsite visit

	Certification	Certificate Program
Focus	<ul style="list-style-type: none"> • Verifying education/training and experience obtained elsewhere • Assessing <u>current</u> knowledge, skills, abilities 	<ul style="list-style-type: none"> • Educating/training individuals to achieve LOs • Assessing attainment of intended LOs
Core Components	<ul style="list-style-type: none"> • Eligibility requirements • Assessment • Ongoing Requirements 	<ul style="list-style-type: none"> • Learning event(s) • Assessment of LO attainment
Attributes	<ul style="list-style-type: none"> • Can be revoked • Results in a designation and associated acronym 	<ul style="list-style-type: none"> • Cannot be revoked • Has a term of validity identified • No designation/acronym or one that doesn't state or imply certification

Want to Learn More?



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