



**AIRSTREAMS**

**Renewables, Inc.**

*Experts in Renewable Energy Career Training*

*4938 Santa Fe Avenue*

*Fort Hood, Texas 76544*

*254-613-1590*

*[www.air-streams.com](http://www.air-streams.com)*

*School Catalog*

*Volume 2*

*Fall 2019 through 2022*

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**Airstreams Renewables, Inc.**  
**Mail: 410 West J Street, Suite A**  
**Tehachapi, CA 93561**  
**661-822-3963**

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## School Information

**Name of Institution:** Airstreams Renewables, Inc.  
**Website:** [www.air-streams.com](http://www.air-streams.com)  
**Office Hours:** 8:00 am – 5:00 pm, Monday through Friday

### Branch Campus

**Physical Address:** 4938 Santa Fe Ave.  
Fort Hood, TX 76544

**Mail:** P.O. Box 690192  
Killeen, TX 76549

**Telephone Number:** 254-613-1590

**Fax:** 254-613-1591

### Main Campus

**Physical Address:** 13681 Chantico Road, Tehachapi, CA 93561

**Corporate Office/Mailing Address:** 410 West J Street, Suite A  
Tehachapi, CA 93561

**Telephone Number:** 661- 822-3963 General Information, Admissions, Funding,  
Accounting  
Fax: 661-822-6966

### Additional Branch Campuses:

*Joint Base Lewis-McChord  
(JBLM)*  
Buildings R9653 and R9656  
Fort Lewis, WA 98433  
Phone: 253-328-8030  
Fax: 253-301-0597

*Fort Irwin*  
TR 4015 1<sup>st</sup> Street  
Fort Irwin, CA 92310  
Phone: 760-383-7100  
Fax: 760-383-7102

*Marine Corps Base Hawaii*  
Building 460 Pancoast Place  
MCBH Kaneohe Bay, HI 96863  
Phone: 808-900-3255  
Fax: 808-900-3256

*Fort Riley*  
Building 7175 Apennines Drive  
Fort Riley, KS 66442  
Phone: 785-530-5080  
Fax: 785-530-5081

*Fort Benning*  
6500 Dickinson Drive, Bldg. 9063  
Fort Benning, GA 31905  
Phone: 706-478-3050  
Fax: 706-478-3051

*Fort Bliss*  
620 Taylor Road  
(aka 620 Doniphan Road)  
Fort Bliss, TX 79916  
Phone: 915-600-7701  
Fax: 915-600-7703

*Camp Lejeune*  
Building 1413 East Rd.  
Camp Lejeune, NC 28547  
Phone: 910-939-6290  
Fax: 910-939-6291

**Airstreams is accredited by the Accrediting Council for Continuing Education & Training. ACCET is listed by the U. S. Department of Education as a nationally recognized accrediting agency.**

**Airstreams is approved by the Texas Veterans Commission to train veterans and other eligible persons under the provisions of Title 38, United States Code.**

**Approved and Regulated by the Texas Workforce Commission, Career Schools and Colleges, Austin, Texas.**

**The information contained in this catalog is true and correct to the best of my knowledge and belief.**

*Kim Coleman*

Kim Coleman, Accreditation Manager, September 17, 2019

## Mission

***Provide career skills Training, Education, And Mentoring that prepares our students to transition into successful careers and provides our industry partners with safety focused graduates who share our values of Accountability, Respect and Integrity.***

Objectives to attain our mission and the educational outcomes of our program include:

- Provide hands on practical training measured with practical evaluation exams.
- Educate on industry safety and technical requirements through quizzes and written final exams.
- Prepare students to transition into successful careers with successful job placement.

## Company Overview and History

Airstreams Renewables, Inc. (“ARI” or the “Company”), is a California Corporation. Mr. David Schulgen, Owner and Founder, is the Chief Executive Officer and Mr. Jeff Duff, Owner and Co-founder, is the Chief Financial Officer.

ARI is a veteran led, for profit post-secondary vocational training company providing compliance driven and industry-specific accelerated safety and hazardous duty technical training for the service and construction branches of the energy and industrial sectors. Its current customer list includes a wide range of industries including wind energy, safety equipment manufacturers (OEM’s), utility and telecommunications sectors. ARI growth is being driven by major industry demand and request for qualified new hires who have successfully completed their training within our program.

***ARI does NOT have a pending petition in bankruptcy, is NOT operating as a debtor in possession, has NOT filed a petition within the preceding five years, and has NOT had a petition in bankruptcy filed against it within the preceding five years that resulted in reorganization under Chapter 11 of the United States Bankruptcy Code (11 U.S.C. Sec. 1101 et seq.)***

# School Governing Body, Administrators and Faculty

## Airstreams Executive Leadership

CEO/Founder  
President/CFO  
Vice President of Safety and Quality  
Vice President of Business Development  
Vice President of Operations  
Vice President of Finance and Administration

Dave Schulgen  
Jeff Duff  
Mike Messier  
Grant Johnston  
Matt Barnes  
Margie Cox

## Office Administration

Executive Administrative Assistant (*Primary VA Certifying Official*)

Sharon Hunsaker

## Finance

Staff Accountant

Sherry Holloway

## Admissions

Director of Admissions  
Admissions Supervisor (*VA Point of Contact*)  
Admissions and Placement Specialist (*VA Point of Contact*)

Adrian Cervantes  
Melannie Mosby  
Micah Mosley

## Funding

Funding Advisor (*VA Certifying Official*)

Brandyn Davis

## Career Services

Career Services Specialist

Ilianay Green

## Licensing and Accreditation

Accreditation Manager

Kim Coleman

## Faculty Fort Hood

Regional Director of Operations	Felix Cruz
Training Supervisor	Audalio Soto
Training Specialist/Instructor	Jeremy Joy
Training Specialist/Instructor	Benjamin Kelley
Training Specialist/Instructor	Luke Palombo
Office Manager	Sissy Kennedy ( <i>VA Point of Contact</i> )

*All instructors possess the academic, experiential and professional qualifications to teach including three years related working and or instructional experience or a combination thereof. Instructors maintain their knowledge by completing continuing education.*

## Welcome

From all of our staff, welcome to Airstreams Renewables, Inc. (ARI). We take the decision you made to attend our Renewable Energy and Communications Tower Technician Program seriously and are committed to doing everything we can to assist you in the short time you are with us to prepare you to transition in to a new career.

The Renewable Energy and Communications Tower Technician Program is fast paced and packed with information. Our instructor led program is designed to transfer years of experience our faculty and staff bring from the energy, telecom tower, construction, and education industries while tapping into the experiences you each bring into the program to maximize your success.

ARI's quality and reputation have led to our program becoming a nationally recognized vocational training program. As part of the DoD Skill Bridge program, our program assists transitioning service members gain the valuable certificates our graduates receive which support new career opportunities.

The ARI certificate of completion is recognized throughout industries that hire our graduates and ensures that the holder has consistently met or exceeded the necessary requirements for successful graduation and are prepared for career employment with one of the many of our industry partners. Establishing a focus of safety while attending ARI is a primary objective of our staff and program to prepare you to approach your new career with a culture of safety and not just see it as an event.

Airstreams Renewables, Inc.'s mission is to train, educate and mentor each student with accountability, respect and integrity so that upon graduation you each become part of TEAM ARI.

We are very pleased that you have chosen Airstreams Renewables, Inc. to achieve your career goals!

On behalf of the administration, faculty, and staff, we welcome you to our program.

## Instructional Facilities

Classes are conducted on the base at Fort Hood. The modular classroom building provides approximately 1000 square feet and is equipped with student tables and chairs, whiteboard, instructor laptop, and projector/screen. The classroom can accommodate up to 24 students. Lab stations are also housed in the same modular classroom. The office/administrative area is in its own 1000 square foot modular building next door to the classroom. It houses the Training Supervisor, Office Manager, Admissions Specialist and Career Placement offices. The Airstreams training tower will be used for climbing associated lessons. All indoor areas provide appropriate lighting and heating/cooling systems. Restroom facilities are located in the both modular buildings.

Maximum number of students for the program is as follows:

**AS1007 – Renewable Energy and Communications Tower Technician - 24 students**

**Student/Teacher Ratios are outlined in the course description (included in this catalog).**

## Admission Requirements

Standards for Admission:

- Must be at least 18 years of age.
- Must possess a high school diploma (or equivalent). A copy of the diploma or equivalent must be provided upon enrollment. Equivalent documentation may also be a copy of the GED, a high school transcript, a military DD Form 214, or written certification by an authority for home-schooled students.

Students with special needs are asked to contact the Admissions Department to discuss any requests for special accommodations. Individual assistance with enrollment will be provided.

The Airstreams program is taught in English and all student material is written in English.

Visa services for foreign students are not currently available.

In accordance with Title 38, Code of Federal Regulations, students paying for their tuition with their military education benefits, must provide a copy of their military transcript, e.g. Joint Services Transcript (JST).

## Physical Requirements

Our course includes climbing requirements for which the student must have the physical ability to climb 300 feet towers.

Student weight must not exceed 285 lbs. and must weigh a minimum of 120 lbs. due to equipment limitations.

**Physical Exertion Disclaimer:** Portions of the training are considered physical in nature and will include climbing and hanging from towers up to 300 feet in height in all conceivable weather conditions. If a student has limitations or concerns with training in a physically exerting environment, this course is not recommended for them. If any student encounters any physical limitations while attending this institution, they are responsible for notifying an instructor or staff member immediately and it is the student's responsibility to cease any activity or activities that could cause themselves to become injured or sick.



## **Enrollment Policy**

Students must complete an enrollment agreement. Students may enroll during Airstreams business hours, Monday through Friday, 8:00 am to 5:00 pm Pacific Time. Students will be contacted via phone or e-mail and receive a letter confirming enrollment upon successfully completing registration requirements.

As a prospective student, you are encouraged to review this catalog prior to signing an enrollment agreement.

Payment in full shall be received before or on the first day of training or as agreed upon by Airstreams Renewables, Inc.

## **Non-Discrimination Policy**

Airstreams Renewables, Inc. does not discriminate against any individual or group of individuals on the basis of age, color, disability, gender, national origin, race, religion, sexual orientation or veteran or marital status. In compliance with the Americans with Disabilities Act of 1990, as amended, Airstreams Renewables, Inc. provides qualified applicants and students who have disabilities with reasonable accommodations that do not impose undue hardship.

## **Student Disability Services and Accommodations**

Airstreams Renewables, Inc. provides equal educational opportunities for qualified students with disabilities in accordance with applicable state and federal laws and regulations, including the Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973. Applicants or students with disabilities that wish to request disability accommodations must make a request to Admissions and provide documentation of a diagnosed disability which required accommodations and adequate information on the functional impact of the disability so that the appropriate actions can be identified. Students with disabilities that request disability accommodations will receive a written response to their request. Accommodation determinations may be appealed via the “Student Grievance and Appeal Process”. A copy of the grievance and appeal process can be obtained from the Student Services Office.

## Course Description and Fees

Airstreams offers one course. The course is designed to address specific vocational needs. The course description is as follows:

### Renewable Energy and Communications Tower Technician Program

**Course Number: AS1007**

Duration of course: 28 days (8.5 hours each)

Ratio: Classroom-24 students to 1 instructor;

Lab-8 students to 1 instructor

Hours of Instruction: 8.5 hours per day, 4 days per week, 34 hours per week, 7 weeks, for a total training period of 240 clock hours.



*This course is recommended for anyone interested in an entry-level position in any energy or industrial sector including, but not limited to, wind and communication towers.*

**Synopsis of course:** This course offers a complete complement of safety and technical modules designed to prepare each student for an entry-level position in the wind, communication tower and many other industrial focused industries. Emphasis will be placed on working safely in all aspects of the technician job and the basic technical skills required when working with electricity and hydraulics. Students will be able to explain, identify, and demonstrate the safe troubleshooting and maintenance procedures utilized in the wind, cellular communication tower and other industrial based industries.

**Tuition:** \$10,500.00 Effective August 1, 2021 \$10,900.00

**Admission requirements:** 18 years of age. High School diploma or equivalent. Must be capable of climbing and working at heights of up to 300 feet. Student weight must not exceed 285 lbs. and must weigh a minimum of 120 lbs. due to equipment limitations.

**Certificates/Completion Cards received upon successful graduation:** Authorized Climber and Rescue Certificate and ID Card; Electrical Safety Certificate; Fasteners, Torque and Tension Certificate; OSHA 10 Hour Construction Safety Card; American Red Cross First Aid/CPR/AED Card; Level 1 Crane Rigging Certificate; Signalperson Certificate; Capstan Hoist Certificate; CADWELD Certificate; ARI Renewable Energy and Communication Tower Technician Program Certificate.

**Required equipment:** Sturdy work/hiking boots (composite or steel toed preferred, but not required) steel or fiberglass shank with a defined heel. Cotton pants, (jeans are acceptable), cotton long and short sleeve shirts. Form fitting, durable work gloves (Examples: CLC Handyman, Mechanix Wear, Iron Clad). Optional seasonal cold weather gear (Examples: Wind resistant lined work jackets, hooded sweatshirt, balaclava, insulated overalls or coveralls, natural fiber upper/lower “long johns”). If you have a class 4 hard hat and your own personal safety glasses, it is acceptable to bring them for your use. Otherwise, hard hats and safety glasses PPE will be provided.

**Student course material:** All student materials required for class are provided by Airstreams and included in tuition.

**Attendance:** Students are expected to attend each day class is in session. If a student must miss a day due to illness or an emergency, it is the student’s responsibility to make arrangements with the instructor to make-up the necessary work.

**Grading plan:** In order to successfully graduate from the program, students must pass all final exams with 80% accuracy for safety related lessons and 70% for the technical related lessons. Practical evaluations must be completed at a “pass” rating; these evaluations are pass or fail. For subjects that include both a practical evaluation and a written final exam, both assessments must be completed satisfactorily to pass that subject. 90% attendance is also required.

Weekly assessment gates are noted throughout the course outline given to you in your syllabus. Written quizzes relate to current topics and are presented upon completion of the topics. The quizzes will be remediated to 100% and serve as a study tool for the written final exams. In addition, practical lab assessments and field tests occur after the appropriate instruction is given. Students will have 3 attempts to successfully complete the practical evaluations

The planned program of activities is controlled by Airstreams Renewables, Inc.

## Program Outline

Subject #	Subject Title	Lecture	Lab	Total Hours
G1	Gate 1	36	5	41
G2	Gate 2	9	31	40
G3	Gate 3	24	20.5	44.5
G4	Gate 4	24.5	23	47.5
G5	Gate 5	13	24	37
G6	Gate 6	6	24	30
	<b>Total</b>	112.5	127.5	<b>240</b>

The Renewable Energy and Communications Tower Technician program is delivered in modules called Gates. Final assessments are presented in the form of written exams and practical evaluations as applicable within each gate. Students must complete each Gate in order to progress through the program.

### G1- Gate 1

**Subject:** Student Orientation  
**Subject Hours:** 1.5 Hours (1.5 Lecture/0.0 lab)  
**Prerequisites:** None  
**Subject Description:** Distribution of syllabus and loaned tablet for access to student materials. Introduction to the course, academic and conduct policies, Airstreams Renewables, Inc. company, and staff and faculty members.

**Subject:** Intro to Wind and Communication Tower Industries  
**Subject Hours:** 1.5 Hours (1.5 lecture/0.0 lab)  
**Prerequisites:** None  
**Subject Description:** At the end of this lesson, in a group verbal review, the student will be able to:

- Give a basic explanation of a wind turbine and a cell tower
- Explain advantages of wind energy
- Explain disadvantages of wind energy
- Explain the types of employment opportunities within the industrial sectors.

## G1- Gate 1 Continued

**Subject:** Resume and Cover Letter Workshop  
**Subject Hours:** 1.5 Hours (1.5 lecture/0.0 lab)  
**Prerequisites:** None  
**Subject Description:** Upon completion of this workshop, students will be able to demonstrate the skills to draft a new or revised resume that will effectively sell skills and experience to a future employer.

**Subject:** Interview Workshop  
**Subject Hours:** 1.0 Hour (1.0 lecture/0.0 lab)  
**Prerequisites:** None  
**Subject Description:** Upon completion of this workshop, given a mock interview in both a one on one and group interview environment, students will be able to:

- Demonstrate how to make the right first impression
- Demonstrate how to handle difficult interview questions
- Dress for interview success
- Determine their personal interviewing style
- Communicate effectively
- Demonstrate how to effectively close the interview
- Exhibit interview questioning skills

**Subject:** Safety in the Industries  
**Subject Hours:** 2.0 Hours (2.0 lecture/0.0 lab)  
**Prerequisites:** None  
**Subject Description:** At the end of this lesson the student will:

- Describe what and why an injury and illness prevention program is in place
- Define employer responsibilities
- Define employee responsibilities.
- Identify dangers found within the wind and communication tower industries
- Describe common safety programs

**Subject:** CPR/First Aid/AED  
**Subject Hours:** 8.0 Hours (6.0 lecture/2.0 lab)  
**Prerequisites:** None  
**Subject Description:** At the end of this American Red Cross program students will:

- Define, recognize and demonstrate care for a variety of first aid emergencies, such as burns, cuts and scrapes, sudden illnesses, head, neck and back injuries, and heat and cold emergencies
- Define CPR and care for breathing and cardiac emergencies in adults
- Explain and Demonstrate how to use automatic external defibrillators

**Subject:** OSHA 10 Hour Construction Safety  
**Subject Hours:** 10.0 Hours (10.0 lecture/0.0 lab)  
**Prerequisites:** None  
**Subject Description:** At the end of this lesson the student will accurately explain and describe:

- What OSHA is
- What OSHA does
- Hazards addressed in OSHA standards
- Fall, electrical, struck by, and caught in or between hazards
- PPE, health and hazardous materials
- Material handling, tools and excavations

## G1- Gate 1 Continued

<b>Subject:</b>	Signalperson
<b>Subject Hours:</b>	7.5 Hours (6.0 lecture/1.5 lab)
<b>Prerequisites:</b>	None
<b>Subject Description:</b>	Upon completion of this course, the student will be assessed on the ability to accurately: <ul style="list-style-type: none"><li>• Identify basic crane terminology and definitions</li><li>• Explain boom deflection, center of gravity, and how to compensate for it</li><li>• Identify the hazards and safety concerns associated with overhead lifting</li><li>• Recognize the applicable OSHA and ASME standards.</li><li>• Demonstrate hand signals per ASME B30.5 and B30.3.</li><li>• Demonstrate voice communication and recognize safety concerns when using them</li><li>• Explain the pre-lift planning process</li></ul>

<b>Subject:</b>	Level 1 Crane Rigging
<b>Subject Hours:</b>	8.0 Hours (6.5 lecture/1.5 lab)
<b>Prerequisites:</b>	None
<b>Subject Description:</b>	Upon completion of this course, the student will be able to accurately: <ul style="list-style-type: none"><li>• Define responsibilities and safety rules for rigging and hoisting loads</li><li>• Accurately inspect, select, maintain, and reject rigging equipment and hardware</li><li>• Identify rigging hardware and slings along with defining their limitations</li><li>• Identify load ratings, safety factors, and stresses imposed by hoisting</li><li>• Calculate material load weights</li><li>• Identify capacities of rigging and attach the appropriate rigging with the correct hitch configuration</li></ul>

## G2- Gate 2

<b>Subject:</b>	Authorized Climber and Rescue
<b>Subject Hours:</b>	40.0 Hours (9.0 lecture/31.0 lab)
<b>Prerequisites:</b>	None
<b>Subject Description:</b>	Upon completion of this lesson, the student will be able to accurately: <ul style="list-style-type: none"><li>• Identify and/or define the health and safety governing body regulations for fall protection</li><li>• Define your responsibilities and those of your employer</li><li>• Define and identify the risks involved when working at heights on various tower structures</li><li>• Define and demonstrate how to perform an inspection of Personal Fall Protection Equipment (PFPE)</li><li>• Properly don and use a full body harness</li><li>• Demonstrate the mechanics and performance of each piece of PFPE you are required to use on the job</li><li>• Define common hazards for PFPE</li><li>• Demonstrate how to properly tie and use knots</li><li>• Demonstrate safe and proper climbing techniques on both wind and cell towers</li><li>• Demonstrate safe and proper rescue techniques on various tower structures</li></ul>

## G3 Gate 3

<b>Subject:</b>	Basic Electrical Theory
<b>Subject Hours:</b>	8.5 Hours (8.5 lecture/0.0 lab)
<b>Prerequisites:</b>	None
<b>Subject Description:</b>	<p>At the end of this lesson, the student will be able to accurately:</p> <ol style="list-style-type: none"><li>1. Define electricity or electrical current.</li><li>2. Explain the two things that occur when current flows.<ul style="list-style-type: none"><li>• Heat is created.</li><li>• A magnetic field is created</li></ul></li><li>3. Describe the three properties of electricity, their units of measure and relationship with each other.<ul style="list-style-type: none"><li>• Voltage</li><li>• Current</li><li>• Power</li></ul></li><li>4. Identify various electrical terms by their letter abbreviations.</li><li>5. Explain the two kinds of current flow.<ul style="list-style-type: none"><li>• Direct Current (DC)</li><li>• Alternating Current (AC)</li></ul></li><li>6. Explain the basics of electromagnetic induction.</li><li>7. Identify common values of voltage used in industrial electrical circuits.</li><li>8. Identify various electrical terms by their letter abbreviations.</li><li>9. Describe conductors and insulators.</li><li>10. Describe the three properties of circuits and components and their units of measure.<ul style="list-style-type: none"><li>• Resistance</li><li>• Capacitance</li><li>• Inductance</li></ul></li><li>11. Identify basic electrical components and describe their schematic symbols, their basic uses, and how to check them.<ul style="list-style-type: none"><li>• Batteries</li><li>• Fuses</li><li>• Resistors</li><li>• Capacitors</li><li>• Inductors</li><li>• Diodes</li></ul></li><li>12. Identify various electrical terms by their letter abbreviations.</li><li>13. Explain the three parts of electrical circuits, and their purposes.<ul style="list-style-type: none"><li>• Source</li><li>• Load</li><li>• Complete conductive path</li></ul></li><li>14. Explain the three categories of electrical sources and their characteristics.<ul style="list-style-type: none"><li>• Storage devices</li><li>• Generation devices</li><li>• Isolation devices</li></ul></li><li>15. Explain the two circuit arrangements and their effect on the relationship of voltage current.<ul style="list-style-type: none"><li>• Series</li><li>• Parallel</li></ul></li><li>16. Identify various electrical terms by their letter abbreviations.</li></ol>

## G3 Gate 3 Continued

**Subject:** Voltage Test Procedures 50 Volts or Higher  
**Subject Hours:** 3.0 Hours (3.0 lecture/0.0 lab)  
**Subject Description:** At the end of this lesson the student will accurately:

- Define volts, amps, ohms
- Explain the causes of high voltage Arc Flash
- List the current thresholds that can harm the human body
- List the types of Arc Flash PPE required to work on circuits of 50 volts or higher
- List the types of burns associated with electrocution and arc flash
- List the various safety electrical boundaries
- Explain use of insulated electrical tools and how to identify them

**Subject:** Electrical Measurement Safety  
**Subject Hours:** 3.0 Hours (3.0 lecture/0.0 lab)  
**Prerequisites:** Voltage Test Procedures 50 Volts or Higher  
**Subject Description:** Upon completion of this lesson, the student will be able to:

- Describe the IEC 61010 category ratings and how they affect the end user
- Describe the safety specifications for DMMs and testers

**Subject:** Multimeters  
**Subject Hours:** 3.0 Hours (3.0 lecture/0.0 labs)  
**Prerequisites:** Voltage Test Procedures 50 Volts or Higher, Electrical Measurement Safety  
**Subject Description:** At the end of this lesson, the student will accurately define:

- Types of multimeters (analog and digital)
- Basic multimeter safety
- Basic multimeter functionality
- Multimeter symbols and their meaning

**Subject:** Amp Clamps  
**Subject Hours:** 2.0 Hours (2.0 lecture/0.0 lab)  
**Prerequisites:** Voltage Test Procedures 50 Volts or Higher, Electrical Measurement Safety  
**Subject Description:** At the end of this lesson, the student will accurately define:

- Define what an Amp Clamp is
- Define the symbols on an Amp Clamp

**Subject:** Megohmmeters  
**Subject Hours:** 2.0 Hours (2.0 lecture/0.0 labs)  
**Prerequisites:** Voltage Test Procedures 50 Volts or Higher, Electrical Measurement Safety  
**Subject Description:** At the end of this lesson, the student will accurately define:

- Basic Megger / Hipot safety

**Subject:** Infrared Testers  
**Subject Hours:** 1.0 Hour (1.0 lecture/0.0 lab)  
**Prerequisites:** Voltage Test Procedures 50 Volts or Higher, Electrical Measurement Safety  
**Subject Description:** At the end of this lesson, the student will accurately define:

- The features of an IR tester
- The distance to spot ratio
- Field of view
- Emissivity
- Safe use of an Infrared (IR) tester

## G3 Gate 3 Continued

**Subject:** Phase Rotation Meter  
**Subject Hours:** 0.5 Hour (0.5 lecture/0.0 lab)  
**Prerequisites:** Voltage Test Procedures 50 Volts or Higher, Electrical Measurement Safety  
**Subject Description:** At the end of this lesson, the student will accurately define:

- What a Phase Rotation Meter is and what it does
- The symbols on a Phase Rotation Meters
- Safe use of the Phase Rotation Meter

**Subject:** Tic Tracers  
**Subject Hours:** 1.0 Hour (1.0 lecture/0.0 lab)  
**Prerequisites:** Voltage Test Procedures 50 Volts or Higher, Electrical Measurement Safety  
**Subject Description:** Upon completion of this lesson, the student will be able to accurately define:

- Tic Tracer functionality
- Safe and accurate Tic Tracer usage

**Subject:** Electrical Meter Labs  
**Subject Hours:** 20.5 Hours (0.0 lecture/ 20.5 lab)  
**Prerequisites:** Voltage Test Procedures 50 Volts or Higher, Electrical Measurement Safety, Multimeters, Amp Clamps, Megohmmeters, Infrared Testers, Phase Rotation Meter, and Tic Tracers  
**Subject Description:** Upon completion of the lab/practical evaluations, the student will be able to demonstrate:

- The ability to safely use and care for the metering equipment covered in this gate
- The ability to minimize and avoid electrical measurement hazards
- Multimeter care and maintenance
- Safe and accurate multimeter usage
- Safe use of an Amp Clamp
- Megger usage
- Hot Cold Hot procedure



## G4-Gate 4

**Subject:** Intermediate Electrical Theory

**Subject Hours:** 9.5 Hours (9.5 lecture/0.0 lab)

**Prerequisites:** None

**Subject Description:** At the end of this lesson the student will be able to accurately:

1. Define the IEC definition of 'Low Voltage'.
2. Explain what frequency of an AC sine wave is.
3. List the two most common frequencies used in AC power transmission.
4. Explain what property of electricity affects the size of electrical conductors.
5. Explain what a Bridge Rectifier is, the schematic symbol, and what function a Bridge Rectifier serves.
6. Explain the difference between Neutral and Ground.
7. Explain basic steps of troubleshooting.
8. Explain the properties of voltage, current and resistance and how they interact with each other.
9. Explain Watt's Law and the three formulas associated with it, and use the formulas to make calculations for power, voltage, and current.
10. Explain Ohm's Law and the three formulas associated with it, and use the formulas to make calculations for voltage, current, and resistance.
11. Explain the relationship between voltage, current and resistance in series and parallel arrangements.
12. Explain the two most relevant Principles of Electromagnetism:  
Current flow through a conductor produces a magnetic field.  
Relative motion between a conductor and a magnetic field will induce current in the conductor.
13. List various electrical components that utilize electromagnetic Induction to operate.
14. Explain the purpose of transformers and how they work.
15. Explain the basic differences between single-phase and 3-phase AC power systems.
16. Explain the two different 3-phase sequences.  
Right-Hand rotation  
Left-Hand rotation
17. Explain the two different phase configurations for 3-phase components:  
Delta  
Wye
18. Explain the two basic parts of motors and generators:  
Stator  
Rotor
19. Define a Motor.
20. Explain the basic concept of how motors work.
21. Explain how an electrical circuit reverses the direction of a 3-phase motor.
22. List uses for motors on Wind Turbines.
23. Define a Generator.
24. Explain the basic concept of how generators produce electrical energy.
25. Explain the basic difference between synchronous and asynchronous generators.
26. Explain the basic purpose of a Frequency Converter.
27. Explain how some components can function as either a source and/or a load; give three examples:
  - Rechargeable Batteries
  - Capacitors
  - Transformers
28. List two electrical components that retain voltage and the hazards associated with them:
  - Batteries
  - Capacitors
29. Explain the effects that capacitance and inductance have on AC circuits:
  - Capacitance
  - Inductance
30. Define impedance and how it affects AC circuits.
31. Explain the term phase-shift and the result of phase-shift.
32. Define True Power, Apparent Power and Reactive Power.
33. Explain what Power Factor is and ideal Power Factor of a WTG.

## G4-Gate 4 Continued

**Subject:** Virtual Wind Turbine Tour  
**Subject Hours:** 1.5 Hours (1.5 lecture/0.0 lab)  
**Prerequisites:** None  
**Subject Description:** This interactive wind turbine tour video will provide and identify the various parts and components on a wind turbine.

**Subject:** Drivetrain Gearboxes  
**Subject Hours:** 2.5 Hours (2.5 lecture/0.0 lab)  
**Prerequisites:** None  
**Subject Description:** Upon completion of this lesson, the student will be able to:

- List the drive train components
- Describe the function of the drive train components
- Explain the gearbox functions

**Subject:** Yaw Systems  
**Subject Hours:** 1.0 Hours (1.0 lecture/0.0)  
**Prerequisites:** None  
**Subject Description:** Upon completion of this lesson, the student will be able to identify and describe:

- Yaw purpose / operation
- Wind tracking data and devices
- Component descriptions
- Cable untwist function
- Yaw system control
- Yaw system faults

**Subject:** Maintenance Practices  
**Subject Hours:** 2.0 Hours (2.0 lecture/0.0 lab)  
**Prerequisites:** Electrical Systems, Components, and Schematics  
**Subject Description:** Upon completion of this lesson, the student will be able to:

- Explain reasons, methods and importance of following maintenance procedures consistently
- Explain hazards associated when performing maintenance procedures
- Identify the consequences of not following proper maintenance procedures

**Subject:** Electrical Systems, Components, and Schematics  
**Subject Hours:** 8.0 Hours (.0 lecture/0.0 lab)  
**Prerequisites:** Basic and Intermediate Electrical Theory  
**Subject Description:** At the end of this lesson the student will be able to accurately:

- List the 2 common electrical schematic methods
- Identify various schematic symbols and labeling
- Identify potential energy sources on a schematic diagram
- Identify the elements of:
  - Safety-chain/loop,
  - Latching,
  - Lock-out
  - PLC to Motor-Control
  - Reversing sub-circuits
- Follow an electrical schematic diagram to trace a circuit from source to load

## **G4-Gate 4 Continued**

<b>Subject:</b>	Electrical Simulator Labs/Practical Evaluations, PLC and SCADA Demo
<b>Subject Hours:</b>	23.0 Hours (0.0 lecture/23.0 lab)
<b>Prerequisites:</b>	OSHA, Basic and Intermediate Electrical Theories, Voltage Test Procedures 50 Volts or Higher, Electrical Measurement Safety. Electrical Systems, Components, and Schematics, Multimeter, Amp Clamps, and Megohmmeters
<b>Subject Description:</b>	Upon completion of this lesson of instruction, the student will be able to demonstrate how to accurately and safely: <ul style="list-style-type: none"><li>• Follow LOTO procedures</li><li>• Perform pre-power up checks and follow all electrical safety precautions including Hot Cold Hot Checks</li><li>• Follow the schematics to build, operate and troubleshoot motor control circuits</li><li>• Troubleshoot motor control circuits, components and devices to identify faults</li></ul>

## **G5-Gate 5**

<b>Subject:</b>	Fasteners, Torque and Tension
<b>Subject Hours:</b>	32.5 Hours (8.5 lecture/ 24.0 lab)
<b>Prerequisites:</b>	None
<b>Subject Description:</b>	At the end of all lessons in this course of instruction, the student will be able to explain the basic dynamics of fasteners and demonstrate how to safely use hand-held and hydraulic torque and tension equipment.

<b>Subject:</b>	Basic Hydraulics
<b>Subject Hours:</b>	4.5 Hours (4.5 Lecture/ 0.0 lab)
<b>Prerequisites:</b>	None
<b>Subject Description:</b>	Upon completion of this lesson, the student will be able to: <ul style="list-style-type: none"><li>• Describe hydraulics and what they are used for</li><li>• Read a hydraulic schematic</li><li>• Explain a basic hydraulic system</li><li>• Describe an accumulator</li></ul>

## G6-Gate 6

<b>Subject:</b>	Cell Site Basics
<b>Subject Hours:</b>	2.0 Hours (2.0 lecture/ 0.0 lab)
<b>Prerequisites:</b>	None
<b>Subject Description:</b>	Upon completion of this lesson, the student will be able to accurately identify and/or define: <ul style="list-style-type: none"><li>• Different types of cell towers</li><li>• Ground components and structures</li><li>• Tower components and appurtenances</li></ul>
<b>Subject:</b>	Capstan Hoist
<b>Subject Hours:</b>	1.0 Hours (1.0 lecture/0.0 lab)
<b>Prerequisites:</b>	Cell Site Basics
<b>Subject Description:</b>	Upon completion of this lesson, the student will: <ul style="list-style-type: none"><li>• Define a capstan hoist and its features</li><li>• Define anchorages, blocks, ropes, and how to use and inspect them</li></ul>
<b>Subject:</b>	Radio Frequency Awareness
<b>Subject Hours:</b>	0.5 Hours (0.5 lecture/0.0 lab)
<b>Prerequisites:</b>	Cell Site Basics
<b>Subject Description:</b>	Upon completion of this lesson of instruction, the student will be able to accurately: <ul style="list-style-type: none"><li>• Define Radio Frequency (RF)</li><li>• Define what makes RF dangerous</li><li>• Explain how RF works</li><li>• Identify the hazards when working around RF</li><li>• Identify how to avoid RF hazards</li><li>• Recognize RF signage and their implication/s</li></ul>
<b>Subject:</b>	Lines and Antennas
<b>Subject Hours:</b>	1.5 Hours (1.5 lecture/0.0 lab)
<b>Prerequisites:</b>	Cell Site Basics, Radio Frequency Awareness
<b>Subject Description:</b>	Upon completion of this lesson, the student will be able to safely and accurately: <ul style="list-style-type: none"><li>• Define and explain line and antenna procedures</li></ul>
<b>Subject:</b>	CADWELDING
<b>Subject Hours:</b>	1.0 Hours (1.0 lecture/0.0 lab)
<b>Prerequisites:</b>	OSHA
<b>Subject Description:</b>	Upon completion of this lesson, the student will: <ul style="list-style-type: none"><li>• Define the CADWELD process</li><li>• Explain safety measures when using CADWELD</li></ul>
<b>Subject:</b>	Lines and Antennas, Capstan Hoist and CADWELD Labs/Practical Evaluations
<b>Subject Hours:</b>	24.0 Hours (0.0 lecture/ 24.0 lab)
<b>Prerequisites:</b>	Authorized Climber and Rescue, Cell Site Basics, Lines and Antennas, Capstan Hoist, and CADWELDING
<b>Subject Description:</b>	Upon completion of this lesson, the student will: <ul style="list-style-type: none"><li>• Safely and accurately perform a lift using a capstan hoist</li><li>• Hang and remove an antenna from a tower</li><li>• Demonstrate rigging techniques</li><li>• Perform weatherproofing</li><li>• Perform grounding for coax line</li><li>• Determine and demonstrate color coding</li><li>• Safely and accurately perform a CADWELD</li></ul>

## Course Schedule Fall 2019-2022

All course dates/schedule is subject to change. In observance of the following holidays, classes will not be offered on:

- New Year's Day
- Memorial Day
- Independence Day (4<sup>th</sup> of July)
- Labor Day
- Veterans Day
- Thanksgiving Day
- Friday, Day after Thanksgiving
- Christmas Day

### ***AS1007 Renewable Energy and Communications Tower Technician Program 28 Days (7 weeks/240 Hours)***

\*Make up hours for no school holidays will be dispersed throughout the scheduled days based on class progress. **All scheduled dates are subject to change.**

#### ***2019***

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1. August 20 – October 4
2. October 8 – November 22
3. December 3 – January 24, 2020 (No school December 23-27 and January 1, 2020)

#### ***2020***

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1. January 28 – March 13
2. March 17 – May 1
3. May 5 – June 19
4. June 23 – August 7 (No school July 3)
5. August 11 – September 25
6. September 29 – November 13 (No school November 11)
7. November 17 – January 15, 2021 (No school November 24-27; December 22-25; January 1)

#### ***2021***

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1. January 19 – March 5
2. March 9 – April 23
3. April 27 – June 11
4. June 15 – July 30 (No School July 5)
5. August 3 – September 17
6. September 21 – November 5
7. November 9 – January 7, 2022 (No school November 11, 22-25, December 20-23, 31)

#### ***2022***

1. January 11 – February 25
2. March 1 – April 15
3. April 19 – June 3
4. June 7 – July 22
5. July 26 – September 6
6. September 13 – October 28
7. November 1 – December 23 (No school November 11, 22-25)

## Instructional Schedule

Training hours are Tuesday through Friday. Class periods typically meet on the following schedule:

Instruction	8:00-10:00 am
Break	10:00-10:15 am
Instruction	10:15 am -12:00 pm
Lunch	12:00-12:30 pm
Instruction	1:00-3:00 pm
Break	3:00- 3:15 pm
Instruction	3:15-5:00 pm

Some days of instruction may last up to nine hours, on an as-needed basis (e.g. the Authorized Climber and Rescue lesson may require slightly longer days of instruction due to student climbing activities).

Exception to lunch schedule: Students will be notified of exceptions to the scheduled lunch break as far in advance as possible. Potential reason for lunch schedule exceptions: Lunch may be taken slightly earlier or slightly later or extended by 30 minutes to allow for pre-scheduled group interviews.

## Instructional Delivery

Airstreams currently administers courses primarily in instructor-led, classroom and lab based format. These courses are designed to be delivered at the Airstreams Campus. The Airstreams program is taught in English and all student material is written in English. Any assessments/assignments that require instructor review will be processed and returned with scores within 5 days.

Portions of some lessons are taught out in the field, as the authentic experience is necessary to facilitate the required learning. In these cases, all sites and equipment used are inspected to ensure the safety of the location/equipment and students are provided all necessary Personal Protective Equipment, as well as training on how to properly use it.

All equipment utilized in our course is comparable to equipment generally used in all energy related industries. Equipment is inspected monthly and is in good working condition. The equipment used for instructional purposes provides the student with the necessary experience and skills to prepare each student for an entry-level position in the wind, communication tower and other industrial focused industries and to perform the tasks associated with those positions.

Airstreams utilizes a Process and Guidelines for Training Development that provides a thorough method for planning, implementing, and evaluating coursework and learning events. Learning events are promoted as an important investment because education is essential to sustaining growth and competitiveness. Airstreams is committed to providing quality education that responds to an identified need and results in on-job performance.

## Required Dress

**No shorts, sleeveless shirts, or sandals allowed.** Sturdy work/hiking boots (composite or steel toed preferred, but not required) steel or fiberglass shank with a defined heel. Cotton pants, (jeans are acceptable), cotton long and short sleeve shirts. Form fitting, durable work gloves (Examples: CLC Handyman, Mechanix Wear, Iron Clad). Optional seasonal cold weather gear (Examples: Wind resistant lined work jackets, hooded sweatshirt, balaclava, insulated overalls or coveralls, natural fiber upper/lower

“long johns”). If you have a class 4 hard hat and your own personal safety glasses, it is acceptable to bring them for your use. Otherwise, hard hats and safety glasses PPE will be provided.

## **Progress Policies**

Learning outcomes are established for each ARI course. All learning outcomes state the performance expected of each student and under which condition the behavior is performed. All learning outcome statements meet the following criteria:

1. States the expected performance in measurable terms.
2. Specifies the condition under which the learner is to perform.
3. Specifies the criteria for acceptable performance.
4. Is directly related to the subject matter and content.

It is ARI’s goal to ensure that each of our students meet all established learning outcomes within our program. Our instructors closely monitor student progress and adjust instruction as needed. Instructors will work with you and are here to help, so please be sure to communicate with them if you are struggling.

## **Grading Plan – Requirements for Graduation**

In order to successfully graduate from the program, students must pass all final exams with 80% accuracy for safety related lessons and 70% for the technical related lessons. Practical evaluations must be completed at a “pass” rating; these evaluations are pass or fail. For subjects that include both a practical evaluation and a written final exam, both assessments must be completed satisfactorily to pass that subject. 90% attendance is also required.

Weekly assessment gates are noted throughout the course outline given to you in your syllabus. Written quizzes relate to current topics and are presented upon completion of the topics. The quizzes will be remediated to 100% and serve as a study tool for the written final exams. In addition, practical lab assessments and field tests occur after the appropriate instruction is given. Students will have 3 attempts to successfully complete the practical evaluations.

## **Attendance Policy**

At the beginning of each course, students are required to sign in on the appropriate course roster during registration. The instructor keeps a daily attendance record.

Daily attendance is required. One of the most significant factors that contribute to success in a course is class attendance. Failure to attend not only hurts you, but also places an extra burden on the instructor and detracts from the overall quality of the course. Consider attendance at Airstreams as a job interview. Employers will be looking for graduates with perfect (or near-perfect) attendance records. Students must attend at least 90% of the scheduled class hours on a cumulative basis. You are expected to call the Fort Hood campus office at (254) 613-1590, if you will be absent.

## **Absence**

If a student misses a class, it is the student’s responsibility to work with the instructor or Training Supervisor to make-up the missed instruction in both content and time, e.g. hours or days missed, lesson, exam, or practical evaluation missed. If a student misses class (up to 10%), the Training Supervisor will evaluate, on a case-by-case basis, whether or not the missed instruction can be made-up. Make-up hours must be prearranged with the instructor and/or Training Supervisor, must not interfere with other scheduled class hours/activities, and must be completed by the end of the course or within the maximum timeframe of

150% of the class time. If the missed instruction cannot be made-up or if a student misses more than 10% of the instruction and falls below the 90% attendance requirement, the student will not be a graduate of the course. Any student who is absent from class for three consecutive days without contacting the instructor or school and without a valid excuse will be considered automatically withdrawn from the course.

Airstreams does not offer a leave of absence.

### **Tardiness/Early Departure**

Students are expected to be in their seats at the scheduled times, ready for instruction at the beginning of class and following any lunches or breaks. Tardiness is a disruption to the learning environment and is not acceptable. A tardy is a late arrival for any scheduled start time.

In addition, early departure from class (leaving before the instructor releases the class) is counted as a tardy.

Tardiness and early departures will be counted toward the 90% attendance policy as follows:

- 3 tardies or early departures = written/documented counseling.
- 4 tardies or early departures = one-half (1/2) day of absence.
- Tardiness or early departures in conjunction with absence will count cumulatively toward the 90% attendance rule which could result in academic probation.

### **Satisfactory Academic Progress**

Satisfactory academic progress is evaluated at least weekly throughout the program.

The student is required to make quantitative progress toward program completion. To be making satisfactory academic progress, a student must attend at least 90% of the scheduled class hours on a cumulative basis. The student's academic average is reviewed to determine qualitative progress. The minimum required is 80% at the conclusion of each evaluation period for the safety assessments and 70% for the technical assessments. Incomplete grades are not given, and students must repeat any assessment in which they earn less than an 80% average or 70% average accordingly. Work repeated may adversely affect a student's academic progress in terms of the maximum time frame.

Students who withdraw from the program will receive a grade of 0% in each class interrupted by the withdrawal. All interrupted lessons, if available at the time of reenrollment, must be repeated upon readmission to ARI. Note: Under Texas Education Code, section 132.061(f): A student who is obligated for the full tuitions may request a grade of "incomplete" if the student withdraws for an appropriate reason unrelated to the student's academic status. A student who receives a grade of incomplete may reenroll in the program during the 12 month period following the date the student withdraws and complete those incomplete subjects/lessons without payment of additional tuition for that portion of the course or program.

### **Probation**

Students who are making unsatisfactory progress (less than 90% attendance and/or less than 80% or 70% accordingly on weekly assessments) will be contacted by the Training Supervisor to offer support and assistance along with being placed on academic probation at that time. Students will be notified in writing when they are placed on probation and the steps necessary to be removed from probationary status. This can include retaking an assessment within one week of the failure or demonstrating sustained academic progress toward program completion. These discussions will be documented via a Student Progress Report.



If after receiving additional support, the student continues to not be successful with the initial retake of the exam or practical evaluation, an additional conference will be held between the Training Supervisor and the Student to evaluate the student's continuance in the program and to determine the best course of action. Students will be allowed two attempts to retake any assessment required. If unsuccessful after a total of two retakes, the student will be notified of termination verbally and in writing.

In the case of a termination due to unsatisfactory academic progress and the student notifies ARI that they wish to re-enroll (which must be in writing), the student will be placed on a waiting list and re-enrolled in another administration of the same course, as space is available. Re-enrollment or re-entrance will be approved only after evidence is shown to the Vice President of Operations satisfaction that conditions that caused the interruption for unsatisfactory progress have been rectified. Upon return, the student will be placed on an academic plan.

## **Appeal Process**

The student may submit a written appeal of his/her termination within five calendar days of their receipt of the dismissal notice. The appeal should be addressed to the Vice President of Operations. The appeal must be accompanied by documentation of the mitigating circumstances that have prevented the student from attaining satisfactory academic progress or attendance progress. Airstreams will assess all appeals and determine whether the student may be permitted to continue in school on a probationary status with a written academic plan, despite not meeting the satisfactory progress requirements. The student will be sent the written decision within ten days of ARI's receipt of the appeal. The decision of the Vice President of Operations is final.

Students reinstated upon appeal are on a probationary status with a written academic plan for the next evaluation period, during which time they must meet the terms and conditions set out in the letter granting the appeal. At the end of the evaluation period, and at the end of every evaluation period thereafter, the student's academic status will be reviewed. The student may continue on probation as long as he or she meets the terms of the probation, until such time as satisfactory academic progress status is regained.

## **Maximum Time Frame**

All program requirements must be completed within a **maximum time frame** of 1.5 times the normal program length, as measured in calendar time. The Renewable Energy and Communication Tower Technician (AS1007) program, 7 weeks in length, must be completed within 10.5 calendar weeks.

Students exceeding the maximum time frame will be administratively withdrawn.

**For VA Students only:** All VA students are required to finish their program requirements within the allotted timeframe for the course contract offered.

## **Tuition Funding Options/Assistance**

**Tuition and Fees:** Tuition and fees for the Renewable Energy and Communications Tower Technician Program can be found in the course description section of this catalog.

Payment arrangements for courses must occur before or on the first day of instruction. Payment may be made by cash, check, money order, credit card (Visa, MasterCard or American Express), or direct payment from the VA.

**Military Education Benefits:** Airstreams is approved by the Texas Veterans Commission to enroll Veterans and other eligible persons in our program. If you are a Veteran and/or a survivor or dependent, you may have access to benefits to assist you in furthering your education, including the VA Education Benefits, Veterans Educational Assistance, and Survivors' and Dependents Educational Assistance. Our VA Certifying Officials work with Veterans and assist with the procedure to obtain the benefits. Once a Veteran student is approved, Airstreams processes the necessary paperwork with the VA to get the Veteran all of his or her benefits.

## **Delinquent Tuition Collection Policy**

It is the responsibility of the student account holder (a) to provide Airstreams Renewables, Inc. with a current address and phone number and (b) to contact the Finance Office if he or she will have difficulty meeting any payment deadlines.

The student account holder is responsible for all interest, fines, penalties, and collection costs associated with a past due or delinquent student account. The student account holder is responsible for the amount owed, even if the student no longer receives bills from Airstreams Renewables, Inc.

If a student fails to make payment to a monthly payment plan in accordance to the agreement, the account will be determined the account to be delinquent. Once the account is determined to be delinquent, Airstreams Renewables Inc., Finance department will send a formal letter to request payment and remind the student that failure to make payment will result in the account being sent to an outside collection agency. The student may lose access to services related to their certificates including access to: additional course registration, transcripts, graduation, and certificates/recertifications. If the student fails to respond within 30 days, the account will be sent to an outside collection agency.

In accordance with Title 38 US Code 3679 subsection (e), this school adopts the following additional provisions for any students using U.S. Department of Veterans Affairs (VA) Post 9/11 G.I. Benefits (Ch. 33) or Vocational Rehabilitation and Employment (Ch. 31) benefits, while payment to the institution is pending from the VA. This school will not:

- Prevent the student's enrollment
- Assess a late penalty fee
- Require student secure alternative or additional funding
- Deny their access to any resources (access to classes, libraries, or other institutional facilities) available to other students who have satisfied their tuition and fee bills to the institution.

## **Credit Evaluation Policy**

Upon request, Airstreams will review any student's previous education and training from another institution only if that institution is accredited by an agency recognized by either the U.S. Department of Education or the Council for Higher Education Accreditation for evaluation of transfer credit. Transcripts, course descriptions, course outlines, syllabi, and/or certifications must be provided to Airstreams to be evaluated and credit will be granted as appropriate, up to a maximum of 50% of a course. Any course/training submitted for evaluation must have been passed with at least a C/70%.

Courses/certifications that will be considered are any that can be verified as offering the **same wind and communication tower specific content and rigor as ARI courses**. Because of the nature of our accelerated training, transferability of credit is extremely limited. Course fees will be adjusted accordingly (approximately \$300 per day of training for which transfer credit is accepted). Please contact the Funding Advisor to request credit evaluation. The result of the credit evaluation will be communicated to any student, as well as being included in the student's written record. If you would like to appeal a transfer of credit, please contact the Manager of Admissions.

### ***Notice Concerning Transferability of Credits and Credentials Earned At Our Institution:***

The transferability of credits you earn at ARI is at the complete discretion of an institution to which you may seek to transfer. ARI will assist with providing a transcript, course descriptions, and certificates you have earned. Acceptance of the certificates you earn in the name of ARI is also at the complete discretion of the institution to which you may seek to transfer. If the credits/certificates that you earn at this institution are not accepted at the institution to which you seek to transfer, you may be required to repeat some or all of your coursework at that institution. Airstreams does not have an articulation agreement with any institution. For this reason, you should make certain that your attendance at this institution will meet your educational goals. This may include contacting an institution to which you may seek to transfer after attending ARI to determine if your credits/certificates will transfer.

## **Cancellation and Refund Policies**

**Each student who drops will be given a comparison of drop calculations from ALL regulatory bodies that Airstreams is approved through which includes ACCET (<https://accet.org/>), the Texas Veterans Commission Veterans Education (<https://www.tvc.texas.gov/>), the , Texas Workforce Commission Career Schools and Colleges (<https://twc.texas.gov/>). Airstreams will always use the drop calculation for refunds that is most favorable for the student.**

The student must contact/notify Airstreams Admissions or the Training Supervisor to cancel or to drop. A withdrawal may be effectuated by the student's notice or by the student's conduct, including, but not necessarily limited to, a student's lack of attendance.

### **ACCET**

#### **Cancellations**

If an applicant is rejected for enrollment by Airstreams, a full refund of all monies paid must be made to the applicant.

If Airstreams cancels a program subsequent to a student's enrollment, Airstreams must refund all monies paid by the student.

If an applicant accepted by Airstreams cancels prior to the start of scheduled classes or never attends class (no-show), Airstreams must refund all monies paid by the student.

#### **Withdrawal or Termination After the Start of Class and after the Cancellation Period**

Refund amounts will be based on a student's last date of attendance (LDA). When determining the number of weeks completed by the student, Airstreams may consider a partial week the same as if a whole week were completed, provided the student was present at least one day during the scheduled week.

During the first week of classes, tuition charges withheld must not exceed 10 percent (10%) of the stated tuition up to a maximum of \$1,000.

After the first week and through fifty percent (50%) of the period of financial obligation, tuition charges retained must not exceed a pro rata portion of tuition for the training period completed, plus ten percent (10%) of the unearned tuition for the period of training that was

not completed, up to a maximum of \$1,000.

After fifty percent (50%) of the period of financial obligation is completed by the student, the institution may retain the full tuition for that period.

When calculating a refund, the percentage of tuition retained by the institution must be based on the portion of the program the student was attending through his or her last date of attendance when the student dropped not the tuition charged for the entire program listed on the enrollment agreement.

### **Refund Due Dates**

If an applicant never attends class (no-show) or cancels the contract prior to the class start date, all refunds due must be made within forty-five (45) calendar days of the first scheduled day of class or the date of cancellation, whichever is earlier.

For an enrolled student, the refund due must be calculated using the last date of attendance (LDA) and be paid within forty-five (45) calendar days from the documented date of determination (DOD). The date of determination is the date the student gives written or verbal notice of withdrawal to the institution or the date the institution terminates the student, by applying the institution's attendance, conduct, or Satisfactory Academic Progress policy. If a student provides advanced notice of withdrawal such that the 45-day window for refund processing ends before the last date of attendance, the refund must be paid within forty-five (45) calendar days from the last date of attendance.

### **Definitions:**

- **Cancellation:** A student who never attends classes at the institution after enrolling and informs the institution.
- **No Show:** A student who never attends class at the institution after enrolling and does not inform the institution. Note that the ACCET policy treats no shows identical to cancellations.
- **Withdrawal:** A student who attends at least one class at the institution, but does not complete his/her program.
- **Termination:** A type of withdrawal initiated by the institution due to failure to meet one or more institutional policies.
- **Period of Financial Obligation:** The portion of the program for which the student is legally obligated to pay, which may be less than the full program and may not, under any circumstances, exceed a period of 12 months.
- **Last Date of Attendance (LDA):** The final date the student attends class.
- **Date of Determination (DOD):** The date the student notifies the school of his or her withdrawal, or the date the institution terminates or administratively withdraws the student.

### **Texas Workforce Commission**

**Cancellation Policy:** A full refund will be made to any student who cancels the enrollment contract within 72 hours (until midnight of the third day excluding Saturdays, Sundays and legal holidays) after the enrollment contract is signed. A full refund will also be made to any student who cancels enrollment within the student's first three scheduled class days, except that the school may retain not more than \$100 in any administrative fees charged, as well as items of extra expense that are necessary for the portion of the program attended and stated separately on the enrollment agreement.

## Refund Policy:

1. Refund computations will be based on scheduled course time of classes through the last documented day of an academically related activity. School holidays will not be counted as part of the scheduled class attendance.
2. The effective date of termination for refund purposes will be the earliest of the following:
  - a. the date of termination, if the student is terminated by the school;
  - b. the date of receipt of written notice from the student;
  - c. ten school days following the last date of attendance.
3. If tuition and fees are collected in advance of entrance, and if after expiration of the 72 hour cancellation privilege the student does not enter school, not more than \$100 in any administrative fees charged shall be retained by the school for the entire residence program or synchronous distance education course.
4. If a student enters a residence or synchronous distance education program and withdraws or is otherwise terminated, the school or college may retain not more than \$100 in administrative fees charged for the entire program. The minimum refund of the remaining tuition and fees will be the pro rata portion of tuition, fees, and other charges that the number of hours remaining in the portion of the course or program for which the student has been charged after the effective date of termination bears to the total number of hours in the portion of the course or program for which the student has been charged, except that a student may not collect a refund if the student has completed 75 percent or more of the total number of hours in the portion of the program for which the student has been charged on the effective date of termination. (More simply, the refund is based on the precise number of course time hours the student has paid for, but not yet used, at the point of termination, up to the 75% completion mark, after which no refund is due.)
5. Refunds for items of extra expense to the student, such as books, tools, or other supplies are to be handled separately from refund of tuition and other academic fees. The student will not be required to purchase instructional supplies, books and tools until such time as these materials are required. Once these materials are purchased, no refund will be made. For full refunds, the school can withhold costs for these types of items from the refund as long as they were necessary for the portion of the program attended and separately stated in the enrollment agreement. Any such items not required for the portion of the program attended must be included in the refund.
6. A student who withdraws for a reason unrelated to the student's academic status after the 75 percent completion mark and requests a grade at the time of withdrawal shall be given a grade of "incomplete" and permitted to re-enroll in the course or program during the 12-month period following the date the student withdrew without payment of additional tuition for that portion of the course or program.
7. A full refund of all tuition and fees is due and refundable in each of the following cases:
  - a. an enrollee is not accepted by the school;
  - b. if the course of instruction is discontinued by the school and this prevents the student from completing the course; or
  - c. if the student's enrollment was procured as a result of any misrepresentation in advertising, promotional materials of the school, or representations by the owner or representatives of the school.

A full or partial refund may also be due in other circumstances of program deficiencies or violations of requirements for career schools and colleges.

## Refund Policy for Texas Residents Students Called to Active Military Service

A student of the school or college who withdraws from the school or college as a result of the student being called to active duty in a military service of the United States or the Texas National Guard may elect one of the following options for each program in which the student is enrolled:

- a. if tuition and fees are collected in advance of the withdrawal, a pro rata refund of any tuition, fees, or other charges paid by the student for the program and a cancellation of any unpaid tuition, fees, or other charges owed by the student for the portion of the program the student does not complete following withdrawal;
- b. a grade of incomplete with the designation "withdrawn-military" for the courses in the program, other than courses for which the student has previously received a grade on the student's transcript, and the right to re-enroll in the program, or a substantially equivalent program if that program is no longer available, not later than the first anniversary of the date the student is discharged from active military duty without payment of additional tuition, fees, or other charges for the program other than any previously unpaid balance of the original tuition, fees, and charges for books for the program; or
- c. the assignment of an appropriate final grade or credit for the courses in the program, but only if the instructor or instructors of the program determine that the student has:
  1. satisfactorily completed at least 90 percent of the required coursework for the program; and
  2. demonstrated sufficient mastery of the program material to receive credit for completing the program.

The payment of refunds will be totally completed such that the refund instrument has been negotiated or credited into the proper account(s) within 60 days after the effective date of termination.

### Veterans and VA Students Refund Policy (VA Regulation 21.4255)

**The student must contact the school to drop or cancel.** VA students attending this facility will be given a pro rata refund which is prorated on a daily basis. The exact proration will be determined on the ratio of the number of days of instruction completed by the veteran/VA student to the total number of instructional days in the course.

$(\# \text{ of days of instruction remaining}) \div (\# \text{ of instructional days in the course}) \times (\text{tuition charged})$

In the event that the veteran/VA student fails to enter the course or withdraws or is discontinued at any time prior to completion of the course, the unused portion of the tuition, fees and other charges paid by the individual shall be refunded. The unused portion of the tuition fees and other charges paid by the VA for the individual will be refunded promptly within forty (40) calendar days of notification of a student's change of status. Airstreams pays any refund directly to the VA on behalf of the student.

VA students will not be required to apply for this refund; it will be made when the school becomes aware of the individual's failure to enter the course, withdrawal or other discontinuance there from.

## Reimbursement to Veterans and Eligible Persons

For information or for resolution of specific payment problems, the veteran should call the DVA nationwide toll free number at 1-800-827-1000.

## **No Tolerance Conduct Policy**

ARI reserves the right to remove any student who is disruptive to the learning environment. Students shall conduct themselves in an orderly and considerate manner and shall appear for classes in an alert and receptive condition. Violation of this condition is just cause for dismissal from the program.

ARI does not allow firearms or explosives of any kind on campus or at any training activity. Violation of this policy will result in immediate expulsion.

ARI facilities are violence free and any altercations resulting in verbal threats or physical violence of any kind will result in termination.

## **No Tolerance Alcohol and Drug Policy**

We proudly welcome each of our students to ARI and commit to producing a healthy and safe environment for each of the students who attend our school, as well as the instructors and faculty who work at our institution. Airstreams maintains a drug-free environment. In compliance with the Drug Free Schools and Campuses Act of 1989, ARI prohibits the illegal use, purchase, sale, distribution, manufacture, or possession of drugs and alcohol on its campus or during any training activity. This policy applies to all employees and students. Due to the dangers involved in the course (heights, electrical hazards, etc.) we reserve the right to remove any student from class immediately if we suspect alcohol abuse, use of illegal substances, or abuse of legal drugs.

## **Smoking Policy**

There is a non-smoking policy within the classrooms, offices, and any school vehicles. Smoking is prohibited within 30 feet of an entrance to any of the school buildings. There is no smoking in or around turbines, transformers or any equipment used for training purposes.

## **Copyright Policy**

All student material issued to students by ARI, printed or electronic, is the copyrighted property of Airstreams Renewables, Inc.

Airstreams Renewables, Inc. strictly enforces its policy for copyright violations and complies with all copyright applicable laws and regulations. Any student who engages in the unauthorized distribution of copyrighted material, in any form, is subject to discipline by the school and copyright violation liabilities per U.S. Copyright laws, for each separate act of infringement. Copyright infringement may also be subject to criminal prosecution.

## **FERPA-Records Policy**

Airstreams maintains a permanent student record, electronically and original copies, that includes registration information, course title, date, instructor name, and location. Records also include quiz, final exam and practical evaluations results, certificates, and cards of completion issued, and all other required documentation (pursuant to Article 3, Section 71920 of CCR Title 5). Upon successful completion of a course, the student's information is recorded in the individual student's paper file and in the electronic file. Electronic files will be maintained for 50 years in the state of California. Students have a right to review their records at any time. Please contact the Student Services Office to arrange for access.

The Family Educational Rights and Privacy Act (FERPA) is a federal law enacted in 1974 that guarantees the confidentiality of a student's records. As a student of Airstreams Renewables, Inc. (ARI), you are entitled, in compliance with the Federal Family Education Rights and Privacy Act of 1974 (FERPA), to have all information concerning your educational records (e.g., academic, student financing, billing data) kept confidential. This information cannot be discussed with anyone (parent, spouse, relative, sponsor, organization, etc.). Schools must have written permission from the student in order to release any information from a student's education record.

However, FERPA allows schools to disclose those records, without consent, to the following parties or under the following conditions (34 CFR § 99.31):

- School officials with legitimate educational interest;
- Other schools to which a student is transferring;
- Specified officials for audit or evaluation purposes;
- Appropriate parties in connection with financial aid to a student;
- Organizations conducting certain studies for or on behalf of the school;
- Accrediting organizations;
- To comply with a judicial order or lawfully issued subpoena;
- Appropriate officials in cases of health and safety emergencies; and
- State and local authorities, within a juvenile justice system, pursuant to specific State law.

Airstreams may disclose, without consent, "directory" information. Airstreams policy is to only release student's name, dates of attendance and degrees, honors and awards. You may request that the school not disclose directory information about you in writing.

Please be aware that if anyone contacts Airstreams on your behalf, staff will be limited to providing directory information that would not generally be considered harmful or an invasion of privacy if disclosed unless written permission from you is on file. If you would like to grant permission for someone to have access to your records (e.g., potential employers), please complete a Release of Information Form and return to Admissions on the first day of class.

This policy is adhered to without exception.

The Family Educational Rights and Privacy Act (FERPA) affords eligible students certain rights with respect to their education records. These include:

1. The right to inspect and review the student's education records within 45 days after the day Airstreams Renewables, Inc. receives a request for access. A student should submit a written request that identifies the record(s) the student wishes to inspect. The school official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the school official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.
2. The right to request an amendment of the student's education records that the student believes are inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA.
3. The right to provide written consent before Airstreams Renewables, Inc. discloses personally identifiable information (PII) from the student's education records, except to the extent that FERPA authorizes disclosure without consent.
4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by Airstreams Renewables, Inc. to comply with the requirements of FERPA. The name and address of the office that administers FERPA is:



## **Transcripts**

The student will receive the first copy of their official transcript for free. For any additional copies of a transcript, there will be a \$5.00 charge each. Contact the main office 661-822-3963 for a Transcript Request Form.

## **Personalized Flash Drive**

Upon completion of the program, students receive a personalized USB flash drive which includes:

- Program curriculum
- Student's updated Resume and a sample Cover Letter
- Reference material
- Copies of earned certificates
- Transcript

If a replacement USB flash drive is required, there is a \$15.00 replacement fee. Please contact the Training Administrative Assistant if a replacement flash drive is needed.

## **Certificate Distribution**

All certificates will be mailed to the certificate mailing address the student has on their Certificate Mailing Form. Certificate Mailing Forms will be distributed on the Monday prior to the last day of the scheduled program. Certificates will be mailed approximately 7 business days after the graduation date. All certificates are mailed via the U.S. Postal Service.

**NOTE:** Students with a financial hold for tuition will not receive their certificates until the hold is released. Students who have unsatisfactory completion grade levels, attendance below 90%, withdrawal or termination for any reason will not be considered for certificates.

## **Certificate Replacement**

All applicable course certificates are issued to the student upon graduation. If a replacement certificate is required, there is a \$25.00 replacement fee per certificate and accompanying ID card as applicable. Please contact the Fort Hood Office Manager at 254-613-1590 if replacement certificates are needed.

## **Audio and Video**

No videotaping of class instruction by students is allowed. Audio taping is permitted during instruction. Students must notify instructors when a student intends to audio record instruction.

## **Pets/Service Animals**

Students are not permitted to bring pets to the Airstreams campus. Service animals defined by the American Disabilities Act (ADA) are allowed. Under the ADA, a service animal is defined as a dog that has been individually trained to do work or perform tasks for an individual with a disability. The task(s)

performed by the dog must be directly related to the person's disability. If you fall into this category, please speak with the Admissions Department.

## **Course and Instructor Evaluations**

Students complete an End of Course Questionnaire which includes evaluation of the overall experience at Airstreams. The results of the questionnaires are summarized and put into a report format. These reports are reviewed and discussed by staff, and changes/improvements are made accordingly.

## **Student Services**

### **Student Lodging**

Securing lodging or housing is the responsibility of the student. Airstreams does not provide lodging.

### **Airports/Transportation**

Arrangements for travel/transportation are the responsibility of the student. The following major airport is within travel distance to our Fort Hood training facility:

Austin-Bergstrom International Airport (AUS)

Approximately 73 miles

### **New Student Orientation**

The Instructor facilitates the orientation presentation on the first day of class. The orientation introduces students to the Airstreams team of employees and what their specific functions are to help students. The orientation also provides a list of rules and expectations for new students and allows them to better understand what to expect and what they will gain from their studies at Airstreams.

### **Graduation Ceremony Luncheon**

Student Services conducts a formal graduation ceremony at which students receive a class photo and a celebration luncheon.

## **Career Placement Services**

Airstreams Renewables, Inc. cannot guarantee job placement after graduation, but we do assist students in a variety of ways. The first step in assisting our students is the training they receive on resume writing, cover letter writing, and interviewing skills which includes mock interviews. Our Career Placement Services department provides all students career opportunity listings via the student job board, email, and text, both during the time students are in class and after graduation. Hiring company contact information included and we assist, as needed with application submission. Students are also provided with links to pertinent job boards and encouraged to post their resumes. ARI has dedicated staff members who work closely with dozens of companies to fill their open positions and career placement assistance doesn't end at graduation. We maintain career profiles for each student to ensure they receive the most current job listings available.

## Student's Rights/Complaint Policy

Students have the right to receive a quality education and fair, supportive treatment from our staff. If you have any difficulties or problems while attending our programs, we encourage you to communicate with the ARI staff to resolve any issue of concern. If, in working with our other staff, you do not find a resolution, then please contact the Training Supervisor. The complaint will be investigated and a written response will be provided upon request.

Students may request a copy of the Airstreams policy, "Student Grievance and Appeal Process" from any staff member.

This institution is recognized by the Accrediting Council for Continuing Education & Training (ACCET) as meeting and maintaining certain standards of quality. It is the mutual goal of ACCET and Airstreams to ensure that educational training programs of quality are provided. When problems arise, students should make every attempt through the formal complaint procedure within the institution to find a fair and reasonable solution. However, in the event that a student has exercised the channels available within the institution to resolve the problem(s) by way of the institution's formal student complaint procedure, and the problem(s) have not been resolved, the student has the right and is encouraged to contact ACCET as follows: ACCET, Chair, Complaint Review Committee, 1722 N Street, NW Washington, DC 20036. Telephone 202-955-1133, Fax 202-955-1118, email [complaints@accet.org](mailto:complaints@accet.org), website [www.accet.org](http://www.accet.org).

This school is approved and regulated by the Texas Workforce Commission, Career Schools and Colleges, Austin, Texas. Students must address their concerns about this school or any of its educational programs by following the grievance process outlined in the school's catalog. Schools are responsible for ensuring and documenting that all students have received a copy of the school's grievance procedures and for describing these procedures in the school's published catalog. If, as a student, you were not provided with this information, please inform school management. Students dissatisfied with this school's response to their complaint or who are not able to file a complaint with the school, can file a formal complaint with TWC, as well as with other relevant agencies or accreditors, if applicable. Direct unresolved grievances to: Texas Workforce Commission, Career Schools and Colleges, Room 226T, 101 East 15<sup>th</sup> Street, Austin, Texas 78778-0001 Phone: 5212-936-3100 <https://twc.texas.gov/jobseekers/career-schools-colleges-students>.

## School Catalog Acknowledgement

I acknowledge that I have received, read, understood and will comply with the information contained in this Student Handbook/Catalog.

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Student's Name (Print)

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Student Signature

Date