



AIRSTREAMS

Renewables, Inc.

Experts in Renewable Energy Career Training

Buildings R9653 and R9656

Joint Base Lewis-McChord, WA 98433

253-328-8030

www.air-streams.com

School Catalog

2022 - 2023

This school is licensed under Chapter 28C.10 RCW.
Inquiries or complaints regarding this private vocational school may be made to the:

Workforce Board, 128 – 10th Ave. SW, Box 43105, Olympia, Washington 98504

Web: wtb.wa.gov

Phone: 360-709-4600

E-Mail Address: pvsa@wtb.wa.gov

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Airstreams Renewables, Inc.
Corporate Mail: 785 Tucker Road, Suite G #603
Tehachapi, CA 93561
661-822-3963

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School Information

Name of Institution: Airstreams Renewables, Inc.
Website: www.air-streams.com
Office Hours: 8:00 am – 5:00 pm, Monday through Friday

Branch Campus

Physical Address: Joint Base Lewis-McChord
Buildings R9653 and R9656
Fort Lewis, WA 98433
Phone: 253-328-8030, Fax: 253-301-0597

Mailing Address

P.O. Box 33185
Joint Base Lewis-McChord, WA 98433

Main Campus

Physical Address: 13681 Chantico Road, Tehachapi, CA 93561

Corporate Mail Address: 785 Tucker Road, Suite G #603
Tehachapi, CA 93561

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

Additional Branch Campuses:

Fort Bliss
620 Taylor Road
Fort Bliss, TX 79916
Phone: 915-600-7701
Fax: 915-600-7703

Fort Hood
4938 Santa Fe Avenue
Fort Hood, TX 76544
Phone: 785-613-1590
Fax: 785-613-1591

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

Fort Irwin
TR 4015 1st Street
Fort Irwin, CA 92310
Phone: 760-383-7100
Fax: 760-383-7102

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

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

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

Selected programs of study at Airstreams Renewables, Inc. are approved by the Workforce Training and Education Coordinating Board's State Approving Agency (WTECB/SAA) for enrollment of those eligible to receive benefits under Title 38 and Title 10 USC.

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.

Catalog certified as true and correct for content and policy.

Kim Coleman

Kim Coleman, Accreditation Manager, June 30, 2022

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

Airstreams Renewables, Inc. (“ARI” or the “Company”), is a California Corporation with the corporate offices and main campus based in Tehachapi, California. Mr. David Schulgen, Owner and Founder, is the Chief Executive Officer and Mr. Jeff Duff, Owner and Co-founder, is the Chief Operating 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 programs.

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

Chairman of the Board/CEO/Founder
Secretary/President/CFO
Vice President of Business Development
Vice President of Operations
Vice President of Accounting & Administration

Mr. Dave Schulgen
Mr. Jeff Duff
Grant Johnston
Matt Barnes
Margie Cox

Office Administration

Executive Administrative Assistant/HR (*Primary VA Certifying Official*)

Sharon Hunsaker

Finance

Accounting Supervisor

Sherry Holloway

Admissions

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

Adrian Cervantes
Melannie Mosby
Norm Dillon

Funding

Funding Advisor II (*VA Certifying Official*)
Funding Advisor I

Carlos Martinez
Ashley Langston

Career Services

Career Placement Advisor

Vacant

Licensing and Accreditation

Accreditation Manager

Kim Coleman

Faculty

Regional Director of Operations

Felix Cruz

Training Supervisor
Training Specialist/Instructor
Training Specialist/Instructor
Training Specialist/Instructor
Training Administrative Manager

Randy Henrikson
Lee Scifers
Alec Haggerty
JoAnn Mebane
Alicia Sanders-Pelayo

All instructors possess the academic, experiential and professional qualifications to teach, including a minimum of three years of experience, education and training in current practices of the subject area they are teaching, or equivalent qualifications. Instructors maintain their knowledge by completing continuing education.

For more information regarding faculty and staff qualifications see our website at:
https://air-streams.com/FileBrowser/File?fileName=JBLM_WA.pdf

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 Joint Base Lewis-McChord. The modular classroom provides approximately 1,000 square feet and is equipped with student tables and chairs, whiteboard, instructor laptop, and projector. The classroom can accommodate up to 24 students. There is a kitchenette facility in the building. The modular classroom also houses the faculty and staff. An adjacent warehouse facility is used for the lab sessions. The base water tower and Airstreams training towers are used for climbing associated lessons. All indoor areas provide appropriate lighting and heating/cooling systems. Restroom facilities for men and women are located in the main classroom.

Maximum number of students for each course 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). All applicants must provide a copy of the diploma during application process. Documentation may also be a copy of a GED, a high school transcript, college transcript, or written certification by an authority for home-schooled students..

Additional admissions documentation required for students using their military education benefits are:

1. Veterans: Military transcript (JST), DD214, and Certificate of Eligibility (COE)
2. Active duty: Military transcript (JST) and Certificate of Eligibility (COE)

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-foot 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 students or potential students on the basis of race, creed, color, national origin, sex, veteran or military status, sexual orientation, or the presence or any sensory, mental, or physical disability or the use of a trained guide dog or service animal by a person with a disability. 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 with 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

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: 240 Hours

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. Throughout the course students apply their knowledge during verbal reviews, quizzes, hands-on lab practical evaluation sessions, and final exams.

Tuition: \$10,900.00 Effective August 1, 2022 \$11,000.00

Total Charges for period of attendance and for the entire educational program are the same.

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; Telecommunication Basics Certificate; RF Safety Awareness Card; 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). 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 material: All student materials required for class are provided by Airstreams.

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. See attendance policy on page 12 for further details.

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	33.5	10	43.5
G2	Gate 2	9	31	40
G3	Gate 3	24	20.5	44.5
G4	Gate 4	28.5	23	51.5
G5	Gate 5	9.5	23	32.5
G6	Gate 6	11	17	28
	Total	115.5	124.5	240

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: Introduction to 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 be able to accurately explain and describe:

- Give a basic explanation of a wind turbine
- Give a basic explanation of a cell tower
- Give a basic explanation of solar energy and PV power
- Explain advantages and disadvantages of wind energy
- Explain the types of employment opportunities within the industries
- Describe what and why an injury and illness prevention program is in place
- Define employer responsibilities
- Identify dangers found with the wind, communication tower, and solar power site environments

G1- Gate 1 Continued

Subject: Resume and Cover Letter Workshop
Subject Hours: 1.0 Hours (1.0 lecture/0.0 lab)
Prerequisites: None
Subject Description: Upon completion of this workshop, using a current resume and cover letter and/or a newly constructed resume and cover letter, the students will be able to:

- Demonstrate the skills to draft a new or revised resume and cover letter that will effectively “sell” skills and experience to this industry.
- Identify the main components of a good resume and cover letter
- Identify acceptable resume and cover letter formats

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: CPR/First Aid/AED
Subject Hours: 8.5 Hours (6.5 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

Subject:	Signalperson
Subject Hours:	7.5 Hours (4.5 lecture/3.0 lab)
Prerequisites:	None
Subject Description:	Upon completion of this course, the student will be assessed on the ability to accurately: <ul style="list-style-type: none">• Identify basic crane terminology and definitions• Explain radius boom deflection, center of gravity, drift, and how to compensate for it• Identify the hazards and safety concerns associated with overhead lifting• Recognize the applicable OSHA and ASME standards.• Demonstrate hand signals per ASME B30.5 and B30.3.• Demonstrate voice communication and recognize safety concerns when using them• Identify criteria for lifting personnel

Subject:	Level 1 Crane Rigging
Subject Hours:	12 Hours (7.0 lecture/5.0 lab)
Prerequisites:	None
Subject Description:	Upon completion of this course, the student will be able to accurately: <ul style="list-style-type: none">• Define responsibilities and safety rules for rigging and hoisting loads• Accurately inspect, select, maintain, and reject rigging equipment and hardware• Identify rigging hardware and slings along with defining their limitations• Identify load ratings, safety factors, and stresses imposed by hoisting• Calculate material load weights• Identify capacities of rigging and attach the appropriate rigging with the correct hitch configuration

G2- Gate 2

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

G3 Gate 3

Subject:	Basic Electrical Theory
Subject Hours:	9.0 Hours (9.0 lecture/0.0 lab)
Prerequisites:	None
Subject Description:	At the end of this lesson, the student will be able to accurately: <ol style="list-style-type: none">1. Define electricity or electrical current.2. Explain the two things that occur when current flows.3. Describe the three properties of electricity, their units of measure and relationship with each other.4. Explain the two kinds of current flow.5. Explain the basics of electromagnetic induction.6. Identify common values of voltage used in industrial electrical circuits.7. Describe conductors and insulators.8. Describe the three properties of circuits and components and their units of measure.9. Identify basic electrical components and describe their schematic symbols, their basic uses, and how to check them.10. Explain the three parts of electrical circuits, and their purposes.11. Explain the three categories of electrical sources and their characteristics.12. Explain the two circuit arrangements and their effect on the relationship of voltage current.13. Identify various electrical terms by their letter abbreviations.
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, given a written quiz, the student will accurately: <ul style="list-style-type: none">• Define volts, amps, ohms• Explain the causes of high voltage Arc Flash• Explain the steps to establish an Electrically Safe Work Condition (ESWC)• Explain use of insulated electrical tools and how to identify them• 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 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: <ul style="list-style-type: none">• 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:	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: <ul style="list-style-type: none">• Types of multimeters (analog and digital)• Basic multimeter safety• Basic multimeter functionality• Multimeter symbols and their meaning

G3 Gate 3 Continued

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: <ul style="list-style-type: none">• Define what an Amp Clamp is• Define the symbols on an Amp Clamp
Subject:	Megohmmeters
Subject Hours:	2.5 Hours (2.5 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: <ul style="list-style-type: none">• Basic Megger / Hipot safety
Subject:	Handheld Meters
Subject Hours:	2.5 Hour (2.5 lecture/0.0 lab)
Prerequisites:	Voltage Test Procedures 50 Volts or Higher, Electrical Measurement Safety
Subject Description:	At the end of this lesson, given a written quiz, the student will accurately define: Infrared Testers <ul style="list-style-type: none">• The features of an IR tester• The distance to spot ratio• Field of view• Emissivity• Safe use of an Infrared (IR) tester Phase Rotation Meter <ul style="list-style-type: none">• What a Phase Rotation Meter is and what it does• The symbols on a Phase Rotation Meters• Safe use of the Phase Rotation Meter Tic Tracers <ul style="list-style-type: none">• Tic Tracer functionality• Safe and accurate Tic Tracer usage• Hot Cold Hot procedure using a Tic Tracers
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: <ul style="list-style-type: none">• 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:
Subject Hours:
Prerequisites:
Subject Description:

Intermediate Electrical Theory

11 Hours (11 lecture/0.0 lab)

None

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:
 - o Current flow through a conductor produces a magnetic field.
 - o 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.
 - o Right-Hand rotation
 - o Left-Hand rotation
17. Explain the two different phase configurations for 3-phase components:
 - o Delta
 - o Wye
18. Explain the two basic parts of motors and generators:
 - o Stator
 - o 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:
 - o Rechargeable Batteries
 - o Capacitors
 - o Transformers
28. List two electrical components that retain voltage and the hazards associated with them:
 - o Batteries
 - o Capacitors
29. Explain the effects that capacitance and inductance have on AC circuits:
 - o Capacitance
 - o 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: SCADA (Supervisory Control and Data Acquisition)
Subject Hours: 2.0 Hours (2.0 Lecture/0.0 lab)
Prerequisites: None
Subject Description: Upon completion of this lesson, the student will be able to:

- Define what SCADA is and what it does
- Describe information that SCADA produces
- Explain the benefits of using SCADA

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
- Describe basic gearbox inspections

Subject: Yaw Systems
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 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: 2.5 Hours (2.5 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 (8.0 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:

- Describe common electrical components
- Identify various schematic symbols and labeling
- Identify potential energy sources on a schematic diagram
- Identify the elements of sub-circuits
- Identify elements of an electrical schematic diagram to trace a circuit from source to load
- Identify elements of a solar circuit

G4-Gate 4 Continued

Subject:	Electrical Simulator Labs/Practical Evaluations, PLC and SCADA Demo
Subject Hours:	23.0 Hours (0.0 lecture/23.0 lab)
Prerequisites:	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
Subject Description:	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">• Follow LOTO procedures• Perform pre-power up checks and follow all electrical safety precautions including Hot Cold Hot Checks• Follow the schematics to build, operate and troubleshoot motor control circuits• Troubleshoot motor control circuits, components and devices to identify faults

G5-Gate 5

Subject:	Fasteners, Torque and Tension
Subject Hours:	27.5 Hours (4.5 lecture/ 23.0 lab)
Prerequisites:	None
Subject Description:	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.

Subject:	Basic Hydraulics
Subject Hours:	5.0 Hours (5.0 Lecture/ 0.0 lab)
Prerequisites:	None
Subject Description:	Upon completion of this lesson, the student will be able to: <ul style="list-style-type: none">• Describe how hydraulic fluid systems operate• Identify the applications of hydraulic systems for Wind Turbine Generators (WTGs)• Identify the units of measures used in hydraulic systems• Explain the purpose and function of various basic hydraulic components• Identify schematic symbols for basic hydraulic components

G6-Gate 6

Subject: Telecommunication Basics
Subject Hours: 8.0 (8.0 lecture/ 0.0 lab)
Prerequisites: None
Subject Description: Upon completion of this lesson, given a written quiz using reference material and a practical evaluation, the student will be able to accurately identify and/or define and demonstrate:

Module 1: Cell Site Basics

- Site Compound and Leased Areas
- Types of Structures
- Explain Tower Sectors
- Non-structural equipment
- Hazard Assessment

Module 2: Grounding & Welding

- Grounding vs Bonding
- Types of Underground Connections
- Exothermic Welding
- Importance of Grounding
- Welding Inspections
- Welding Safety

Module 3: Lines & Technology

- Various Types of Lines on a Structure
- Proper Weatherproofing
- Principals of Color Coding
- Various Cable Supports
- BTS Overview
- Power & Fiber Distribution
- RRU & RRH
- TMA & Diplexer
- Microwave Antennas
- Antennas & Alignment

Module 4: Capstan & Hoisting Operations

- Explain Different Types of Hoists and Their Uses
- Safe Capstan Hoist Operations
- Tagline Systems
- ANSI A10.48 Rigging Guidelines

Subject: RF Safety Awareness
Subject Hours: 3.0 Hours (3.0 lecture/0.0 lab)
Prerequisites: None
Subject Description: Upon completion of this course the student will be given a written exam and be able to accurately identify and/or define:

- Standards & Regulations that apply to RF Radiation
- Differences between ionizing and non-ionizing radiation
- Effects of RF radiation on the body
- What MPE limits are
- Elements of an RF Safety Program
- Identify and assess RF hazards
- How to use RF equipment and PPE
- RF awareness signs and their meaning

G6-Gate 6 Continued

Subject:	Telecommunication Basics Labs/Practical Evaluations
Subject Hours:	17 Hours (0.0 lecture/ 17 lab)
Prerequisites:	Authorized Climber and Rescue, Telecommunication Basics, RF Safety Awareness
Subject Description:	Upon completion of the lab sessions, the student will safely and accurately: <ul style="list-style-type: none">• Demonstrate the Proper Operation of a Capstan Hoist:• Demonstrate the Ability Work at Heights:• Demonstrate how to Weatherproof and Color Code:• Demonstrate how to Properly Perform an Exothermic Weld and Ground Copper Wire Conductor

Homework for Electric Static Discharge, Fiber Optics, and Communication Tower Vocabulary will be assigned in the appropriate Gate.

Course Schedule 2022-2023

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 (4th 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)

All Dates/Schedules are subject to change.

Make up hours for no school holidays will be dispersed throughout the scheduled days based on class progress.

2022

1. February 8 – March 25
2. March 29 – May 13
3. May 17 – July 1
4. July 5 – August 19
5. August 23 – October 7
6. October 11 – December 2 (No school November 11, 21-25)
7. December 6 – January 27 (No school December 25-30)

2023

1. January 31 – March 17
2. March 21 – May 5
3. May 9 – June 23
4. June 27 – August 11 (No school July 4)
5. August 15 – September 29
6. October 3 – November 17 (No school November 10)
7. November 28 – January 19 (No school December 25-29, January 1)

Instructional Schedule

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

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

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.

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). 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.

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 JBLM Branch Campus office at 253-328-8030 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 receive certification for the missed portion of the course and 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.

Religious Accommodations

Airstreams Renewables, Inc. will make good faith efforts to provide reasonable religious accommodations to students at our Washington campus who have sincerely held religious practices or beliefs that conflict with a scheduled course/program requirement. Students requesting a religious accommodation must make the request, in writing, directly to their instructor with as much advance notice as possible. Being absent from class or other educational responsibilities does not excuse students from keeping up with any information shared or expectations set during the missed class. Students are responsible for obtaining materials and information provided during any class missed. The student shall work with the instructor to determine a schedule for making up missed work. Examples of religious accommodations may include: rescheduling of an exam or giving a make-up exam for the student in question; altering the time of a student’s presentation; allowing extra-credit assignments to substitute for missed class work or arranging for an increased flexibility in assignment due dates; and releasing a graduate assistant from teaching or research responsibilities on a given day. See page 24 for grievance procedure.

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.

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.

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 classes must be repeated upon readmission to ARI.

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 placement on academic 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. 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 Communications 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

Airstreams Renewables, Inc. does not and will not provide any commission, bonus, or other incentive payment based directly or indirectly on success in securing enrollment or financial aid to any persons or entities engaged in any student recruiting or admissions activities or in making decisions regarding the award of student financial assistance.

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

Military Education Benefits: Selected programs of study at Airstreams Renewables, Inc. are approved by the Workforce Training and Education Coordinating Board's State Approving Agency (WTECB/SAA) for enrollment of those eligible to receive benefits under Title 38 and Title 10, USC. If you are a Veteran and/or a survivor or dependent, you may have access to benefits to assist you in furthering your education. Our VA School 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.

Airstreams does not participate in financial aid programs.

If you have obtained a loan or a payment plan to pay for this educational program you will have the responsibility to repay the full amount of the loan. While placement assistance is provided, there is no guarantee of employment upon completion of the training. If you have received federal student financing funds, you are entitled to a refund of moneys not paid from federal aid program funds.

The information regarding the 1098-T below is not intended as legal or tax advice. Tax scenarios may vary by each individual. The Institution highly recommends each student consult with a tax practitioner about personal tax situations. The 1098-T form is used by eligible educational institutions to report tuition and educational related expenses to the Internal Revenue Services ("IRS") and to the students as required by the Internal Revenue Code. Currently, the Institution is not required by the IRS to furnish the 1098-T to any student. If this should change, the student will be notified immediately.

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 the Washington State Workforce Training and Education Coordinating Board (<http://www.wtb.wa.gov/pcs.asp>), the State of Washington State Approving Agency for Veterans Education and Training (<http://www.wtb.wa.gov/veterans.asp>), and ACCET (<https://accet.org/>). Airstreams will always use the drop calculation that is most favorable for the student. In all cases, refunds will meet or exceed the requirements of WAC 490-105-130.

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.

Washington State Workforce Training and Education Coordinating Board

Should the student's enrollment be terminated or should the student withdraw for any reason, all refunds will be made according to the following refund schedule per the Washington Administrative Code (WAC) Section 490-105-130 (<http://apps.leg.wa.gov/WAC/default.aspx?cite=490-105>):

1. The school must refund all money paid for an applicant who is not accepted or rejected. This includes instances where a starting class is canceled by the school.
2. Any enrolled student who cancels prior to the start of class or is a no-show will be refunded any tuition paid, less a nonrefundable application fee, if applicable.
3. If the institution cancels the program subsequent to a student's enrollment, the institution must refund all monies paid by the student.
4. The school must refund all money paid if the applicant cancels within five business days (excluding Sundays and holidays) after the day the contract is signed or an initial payment is made, as long as the applicant has not begun training.
5. The school may retain an established registration fee equal to ten percent of the total tuition cost, or one hundred dollars, whichever is less, if the applicant cancels after the fifth business day after signing the contract or making an initial payment. A non-refundable "registration fee" is any fee charged by a school to process student applications and establish a student record system.
6. If a student drops during the first week of class, tuition charges withheld must not exceed 10 percent (10%) of the stated tuition up to a maximum of \$1,000.00.
7. If training is terminated after the student enters classes, the school may retain the registration fee, plus a percentage of the total tuition as described in the following table:

<i>If the student completes this amount of training:</i>	<i>The school may keep this percentage of the tuition cost:</i>
0% through 10%	10%
11% through 25%	25%
26% through 50%	50%
More than 50%	100%

Any student dropping after 50% of the course has been completed will not be refunded any portion of the course tuition.

For an enrolled student, the refund amounts will be based on the student's last date of attendance. If the WAC refund is proved to be most favorable, refunds due will be paid within thirty days (30) calendar days from the date of determination (the date the student notifies the school of withdrawal or the date

the institution terminates the student) of the cancellation, drop, or termination. Monies charged to a credit card will be refunded as credit to your account. If you have received federal student financing funds, you are entitled to a refund of moneys not paid from federal aid program funds.

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.

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.

VA Benefit Recipients Refund Policy (VA Regulation 21.4255)

The student must contact Admissions or the Training Supervisor to drop or cancel. Students who withdraw will be refunded their tuition on a pro rata basis using the following formula:

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

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.

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 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 certifications including access to: additional course registration, transcripts, graduation, and certifications/recertifications. If the student fails to respond within 30 days, the account will be sent to an outside collection agency.

Students Using U.S. Department of Veterans Affairs (VA) Benefits

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

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. Students utilizing their VA education benefits must provide all transcripts and Airstreams will evaluate and provide the student with an evaluation. 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. There is no fee for reviewing or granting credit. The result of the credit evaluation will be communicated to all students via the signed Previous Education and Training form signed by both the student and Airstreams. Financial aid awards, if applicable, may be affected by such transfer of credit. The student should arrange a meeting with the Funding Advisor to discuss their requirements. The signed form will be maintained in the student's record. If you would like to appeal a transfer of credit, please contact the Director 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 at no charge. 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.

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.

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.

Nothing in this policy prevents the student from contacting the Workforce Board (the state licensing agency) at 360-709-4600 at any time with a concern or a complaint, worforce@wtb.wa.gov.

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, vehicles, and workshops. 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.

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 Training Administrative Manager 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:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202

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. Contact the branch office at 253-328-8030 if a replacement flash drive is needed.

Certificate Distribution

Certificate/Transcript Mailing Forms will be distributed prior to the last day of the scheduled program. If not distributed on graduation day, 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 branch office at 253-328-8030 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 airports are within travel distance to our Joint Base Lewis McChord Branch training facility:

Seattle-Tacoma International Airport (SEA) 29 miles

New Student Orientation

Airstreams 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.

Student Counseling

Management provides counseling services for any student who is struggling in specific areas. This counseling may include discussions pertaining to obstacles which may be preventing students from focusing in class, concerns with necessary accommodations, including hidden disabilities.

Graduation Ceremony Luncheon

Airstreams 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 is 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 Vice President of Operations. 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 Airstreams staff member. Nothing in this policy prevents the student from contacting the Workforce Board (the state licensing agency) at 360-709-4600 at any time with a concern or a complaint, workforce@wtb.wa.gov.

Inquiries or complaints regarding this private vocational school may be made to the Washington Workforce Board, 128 10th Ave. SW, Box 43105, Olympia, WA, 98504, <http://www.wa.gov>, 360-709-4600, or pvs@wtb.wa.gov.

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, website www.accet.org.

School Catalog Acknowledgement

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

Student's Name (Print)

Student Signature

Date