

HVAC INSTRUCTOR
Javier A Chavez

EDUCATIONAL BACKGROUND

1. **Associates Degree of Applied Science**, Lamar State College Port Arthur, December 2006. Major Area: Heating, Ventilating, Air Conditioning, and Refrigeration.
2. **Certificate**, Lamar State College Port Arthur, December 2006. Major Area: Heating, Ventilating, Air Conditioning, and Refrigeration.
3. **Environmental Protection Agency License**, Lamar State College Port Arthur, December 2006. Major Area: Heating, Ventilating, Air Conditioning, and Refrigeration.

POSITIONS IN HIGHER EDUCATION

1. **2018-Present: Adjunct HVAC Instructor, Lamar State College Port Arthur**
Responsible for demonstrating knowledge of the basic refrigeration cycle, advance principles of electricity, electrical current, and amperage; that applies to Ohms law to electricals calculations; perform electrical continuity, voltage, and current tests with appropriate meters; demonstrate electrical safety.
2. **2017-Present: Inmate HVAC Instructor, Lamar State College Port Arthur**
Responsible for instruction of troubleshooting, services, and repairs of Air Conditioning, Heating, and Refrigeration systems. Demonstrate environmental safety practices. Complete accurate record keeping of attendance, work performance and curriculum lab assignments.
3. **2012-2017: Maintenance HVAC Supervisor, Texas Department of Criminal Justice, Mark W. Stiles Unit**
Responsible for teaching inmates to inspect, repair and install Air Conditioning equipment. Determine time and cost estimates for HVAC jobs. Review all work orders before and after completion. Order and pick up parts for jobs in order to keep mechanics/inmates on the job. Check and troubleshoot equipment; set and adjust controls in the unit department buildings. Attend and participate in meetings regarding work to be done; attend training classes.

INSTRUCTIONAL EXPERIENCE

1. Credit courses at the Lamar State College Port Arthur include:
2. a. HVAC Duct Fabrication (HART 1300), Basic Electricity for (HART 1301), Air Conditioning Principles (HART 1307), Refrigeration Principles (HART 1310), HVAC Shop Practices and Tools (HART 1310), Residential Air Conditioning (HART 1341), Gas and Electric Heating (HART 1345), EPA Recovery Certification (HART 1356), Commercial Air Conditioning (HART 2341), Commercial Refrigeration (HART 2342), Advance Electricity for HVAC (HART 2331), Heat Pumps (HART 2349), Air Conditioning Troubleshooting (HART 2336).

ADDITIONAL RELATED EXPERIENCE

1. **2018-Current: Adjunct HVAC Instructor, LSCPA**
Responsible for assigning classroom and lab instruction of theory, in Heating, Ventilation, and Air Conditioning Refrigeration classes. Ability to work effectively with students, faculty, and

staff members in a professional manner. Responsible to comply with established College rules and procedures.

2. **2017-Current: Inmate HVAC Instructor, LSCPA**

Responsible to Educate students of the basic theory of the Refrigeration process. Teach courses as assigned, instruct and evaluate students. Must demonstrate sensitivity to the needs of students from diverse backgrounds. Responsible to clearly communicate and comply with established college rules.

3. **2012-2017: Maintenance HVAC Supervisor, TDCJ**

Responsible for installation of all HVAC equipment. Supervising of offenders and train them on HVAC and refrigeration systems and equipment. Knowledge of maintenance policies, procedures and techniques. Knowledge of agency and departmental organizational structure, policies, procedures, rules, and regulations. Responsible with problem-solving techniques and prepare and maintain accurate records, files, and reports.

4. **2008-2012: Maintenance HVAC Technician, TYC**

Responsible for Maintaining electrical circuits throughout the facility. Troubleshoot and repair all HVAC related system and equipment malfunctions. Maintain and troubleshoot refrigeration controls and kitchen equipment. Responsible for all tools and ability to operate power tools and heavy equipment.

5. **2007-2008: HVAC Technician Bob Smith A/C**

Responsible for troubleshooting and repairing Residential and Commercial Heating, Air Conditioning, Refrigeration equipment.

6. **2004-2007: HVAC Installer Reed A/C Service Company**

Responsible for installing Residential, Commercial Heating, Air Conditioning and Refrigeration equipment.

COLLEGE SERVICE

1. **2018-2022:** Adjunct HVAC Instructor
2. **2017-2022:** Inmate HVAC Instructor

PROFESSIONAL AFFILIATIONS

1. **2006-Current:** Environmental Protection Agency License

PROFESSIONAL DEVELOPMENT

1. 2022 Heating, Ventilation, and Air Conditioning Advisory Committee Meeting (LSCPA)
2. 2021 Heating, Ventilation, and Air Conditioning Advisory Committee Meeting (LSCPA)
3. 2020 Heating, Ventilation, and Air Conditioning Advisory Committee Meeting (LSCPA)
4. 2019 Heating, Ventilation, and Air Conditioning Advisory Committee Meeting (LSCPA)
5. 2018 Heating, Ventilation, and Air Conditioning Advisory Committee Meeting (LSCPA)
6. 2017 Heating, Ventilation, and Air Conditioning Advisory Committee Meeting (LSCPA)