



ADVANCED MANUFACTURING & LOGISTICS INSTITUTE

If you want a career that lets you *make the world go 'round*, welcome to the beginning of a rewarding journey.

While each of our five colleges has its own history, campus and culture, the AlamoINSTITUTES have been organized to help you make the most of what our colleges collectively offer.

Each institute represents a system of educational pathways toward specialized careers. Choose either the general field of study or a specific job you're after, and the institute will show you the path to follow, step by step, to arrive at the future you want. Each course you take in the institute you've chosen builds one upon another. We call them stackable credentials, meaning you take courses that move you toward your end goal—the career you've chosen.

This approach will help you:

- **SAVE TIME** – Take only courses you need, either to be job-ready when you graduate from one of our five colleges or to transfer to a university.
- **SAVE MONEY** – Don't pay for unneeded courses or take more credit hours than you need to graduate or transfer.

Learn more about all six institutes and the programs available through each one. Simply talk to an advisor at any of our colleges or visit alamo.edu.





Choose a career that lets you **MAKE THE WORLD GO 'ROUND** – as an architect, civil engineer, landscape architect, carpenter, electrician, hoist and winch operator, plumber, dental laboratory technician, tool and die maker, welder, mechanical drafter, commercial pilot, aircraft mechanic, motorcycle mechanic, air traffic controller, drafter, transportation consultant, warehouse distribution director.

TITLE	PRE-MAJOR / DEGREE / CERTIFICATE	NLC	NVC	PAC	SAC	SPC
Advanced Manufacturing Technology	AAS					●
Air Conditioning and Heating	AAS					●
Residential Air Conditioning Installation	CL1					●
Residential Air Conditioning Technician	CL1					●
Air Conditioning Systems-Installation	OSA					●
Air Conditioning Systems-Service	OSA					●
Aircraft Technician Airframe	AAS					●
Aircraft Mechanic Airframe	CL2					●
Aircraft Structures Mechanic	CL1					●
Aircraft Technology	OSA					●
Aircraft Technician Powerplant	AAS					●
Aircraft Mechanic Powerplant	CL2					●
Aircraft Turbine Mechanic	CL1					●
Automated Industrial Process	AAS					●
Industrial Maintenance	CL1					●
Electronics Assistant	OSA					●
Automotive Technology	AAS					●
Automotive Specialized Tuning & Enhancement	ESC					●
Automotive Heating & Air Conditioning Specialist	CL1					●
Automotive Performance Specialist	CL1					●
Automotive Technology	CL1					●
Brake and Front End Specialist	CL1					●
Transmission Specialist	CL1					●
Automotive Tech - Option II Ford Asset	AAS					●
Ford Maintenance and Light - Duty Repair	CL1					●
CNC Manufacturing Technician	AAS					●
CNC Operator	CL1					●
Manufacturing Skills Trade Helper	CL1					●
Production Tool Operator/Maintenance Assistant	CL1					●
Collision/Refinishing Technician	AAS					●
Collision Technology	CL1					●
Refinishing Technology	CL1					●
Commercial and Indoor Refrigeration Technology	AAS					●
Refrigeration Technology	CL1					●
Construction Business Management	AAS					●
Construction Technology	AAS					●
Construction Technology	CL1					●
Plumber's Helper	CL1					●
Plumbing Trades	CL1					●
Diesel Construction Equipment Technician	AAS					●
Advanced Diesel Heavy Equipment	CL1					●
Diesel Heavy Equipment	CL1					●
Diesel/Light to Heavy Truck Technology	AAS					●
Diesel/Light to Heavy Truck Technology	CL1					●
Diesel/Light to Heavy Truck Technology/Brake and Front End Specialist	CL1					●
Diesel/Light to Heavy Truck Tech Mech Help I	OSA					●
Diesel/Light to Heavy Truck Tech Mech Help II	OSA					●



TITLE	PRE-MAJOR / DEGREE / CERTIFICATE	NLC	NVC	PAC	SAC	SPC
Electrical Trades	AAS					●
Electrical Trades	CL1					●
General Motors Automotive Service Ed	AAS					●
General Motors Light Maintenance Repair	CL1					●
Industrial Technology-Instrumentation Specialization	AAS			●		
Industrial Technology-Manufacturing Specialization	AAS			●		
Logistics & Supply Chain Management	AAS			●		
Operations Management	ATC			●		
International Logistics Management	CL1			●		
Logistics Management	CL1			●		
Manufacturing Management	CL1			●		
Purchasing Clerk	CL1			●		
Transportation Management	CL1			●		
Warehouse Management	CL1			●		
Manufacturing Operations Technician	AAS					●
Manufacturing Operations Maintenance Mechanic	CL1					●
Operations Management	CL1				●	
Process Technology Specialization	AAS			●		
Production Technician Specialization	AAS			●		
Energy Technician Career Foundations	CFC			●		
Entry Level Energy Technician	CL1			●		
Welder/Welding Technologist	AAS					●
Inert Gas GTAW/GMAW Welder (MSGW)	CL1					●
Structural/Pipe Layout	CL1					●

DEGREES (AAS) Associate of Applied Science

CERTIFICATES (ATC) Advanced Technical Skills Certificate • (ESC) Enhanced Skills Certificate • (CL2) Certificate Level 2 • (CFC) Career Foundations Core Certificate
(CL1) Certificate Level 1 • (OSA) Occupational Skills Award

Based on 2018-2019 academic catalog year. Subject to change without notice. Check with an advisor concerning availability of courses and programs.

Start your journey
here or at any
of our other
AlamoINSTITUTES:



**HEALTH &
BIOSCIENCES**
INSTITUTE



**BUSINESS &
ENTREPRENEURSHIP**
INSTITUTE



**ADVANCED
MANUFACTURING
& LOGISTICS**
INSTITUTE



PUBLIC SERVICE
INSTITUTE



**SCIENCE &
TECHNOLOGY**
INSTITUTE