

# Welcome to **AMSKILLS** Workforce Innovation Center

Transforming Lives & Strengthening  
Communities Through Technical  
Training & Apprenticeships



Visit Our Website  
[www.AmSkills.org](http://www.AmSkills.org)



# MANUFACTURING COLLABORATIVE



Manufacturing  
Collaborative



HEAT PIPE TECHNOLOGY



PROMACH



LEADER  
TECH



LEADER  
TECH

A HEICO COMPANY



WENDOVERARTGROUP



PowerKleen  
Quality Chemicals • Superior Service



# RECRUIT

No Pipeline Big Enough

Young Adults (16-26) – LOST

Lack Career Guidance

No Opportunity to Explore

Don't Know About Manufacturing



# Recruit, Train, Sustain A Skilled Workforce



**• Camps (Ages 14-18)**

- Build-a-3D Printer, Drones, Robotics, Etc.

**• Career Discovery Workshops**

- Middle, High & Home Schools
- Hands-On Activities
- Introduces Manufacturing Careers
- Career Exploration



# School Systems Can't Do It Alone

A group of students are working on a circuit board in a classroom setting. One student in a white shirt and safety glasses is using a soldering iron. Another student in a red hoodie is looking on. A third student in a black t-shirt is also working on the board. The classroom has desks and chairs, and there are other students and equipment in the background.

## National Problem – School Advanced Manufacturing Programs

- Costs 5 X's More for Manufacturing Program
- Difficult to Retain Qualified Teachers
- Teachers Have to Create Their Own Curriculum
- Lack of Hands-On Skills Training & Career Exploration



## Youth

- **Advanced Manufacturing Academy**
  - Anclote High School (9<sup>th</sup> to 12<sup>th</sup>) – Est. 2020
  - Kirkland Ranch High School - Starting 2025
  - Angeline Innovation High School – Starting 2025





# High School Model

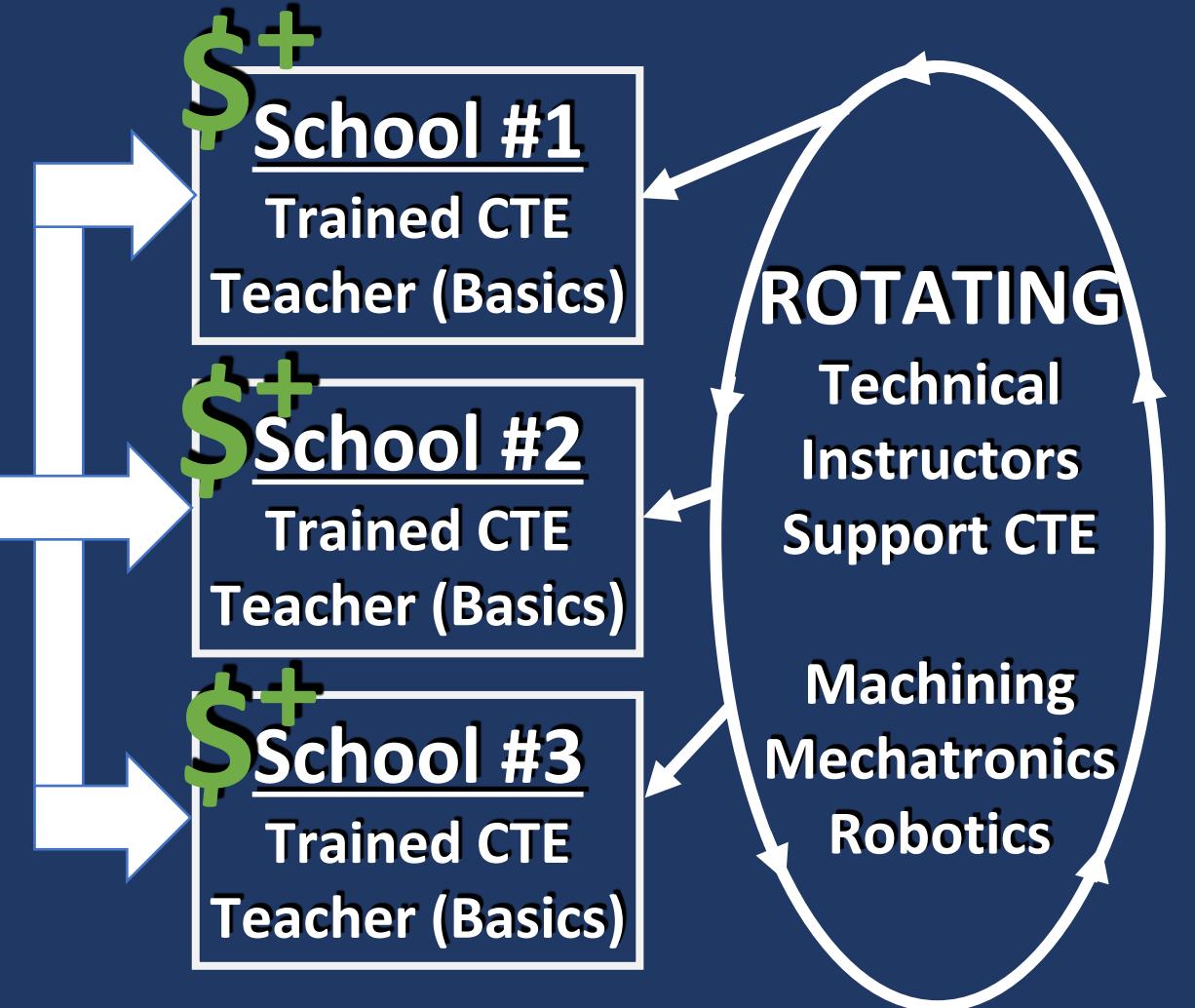
Replicable

**CTE  
Teachers**

Teacher Trained  
on Curriculum



Standardized  
Curriculum



Student Access to  
Multiple Schools

Manufacturing  
Experienced SME's

# Home School Technical Training

**Certifications & Foundational Skills**

**Hands-On Work Experiences & Job Preparation**

**FDOE Registered Youth Pre-Apprenticeship**

State of Florida



Registered Preapprenticeship





# Youth Program: Public Works Bootcamp & Internship



- **1-Week AmSkills Youth Bootcamp**
  - Safety, Hands-on Projects, Interview Preparation
- **6-Week Paid Internship**
  - Pasco County Utilities, Public Works & Stormwater Interviews
  - Hire and Paid 6-Week Internship, Rotating Departments
- **Students Receive Industry Certifications**
  - NC3 Hand-Tools and Florida Ready to Work Certifications





**AMSKILLS**  
CAREER DISCOVERY BOOTCAMP



# Career Discovery Bootcamps (2-Weeks) & Mobile Training Centers



**Temporary Training Centers Set-up  
(Community Centers or Manufacturers)**

**All Equipment Brought to Site  
Candidates Recruited within Radius  
Guaranteed Interviews - Hiring Employers**

**Purpose: Help People Launch Careers in  
Manufacturing close to where they live**





# Career Discovery Bootcamps (2-Weeks)



Manufacturing Tours & Lunch & Learn



Team Projects



Safety



Individual Projects



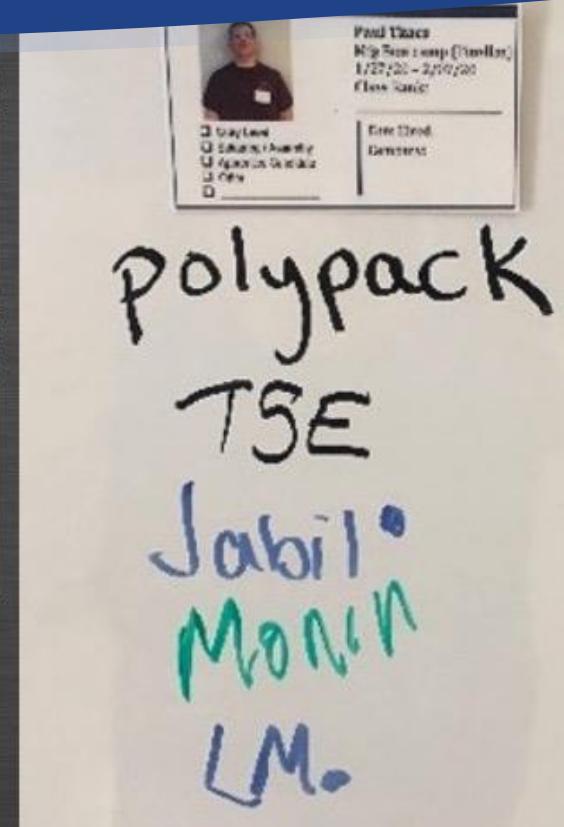
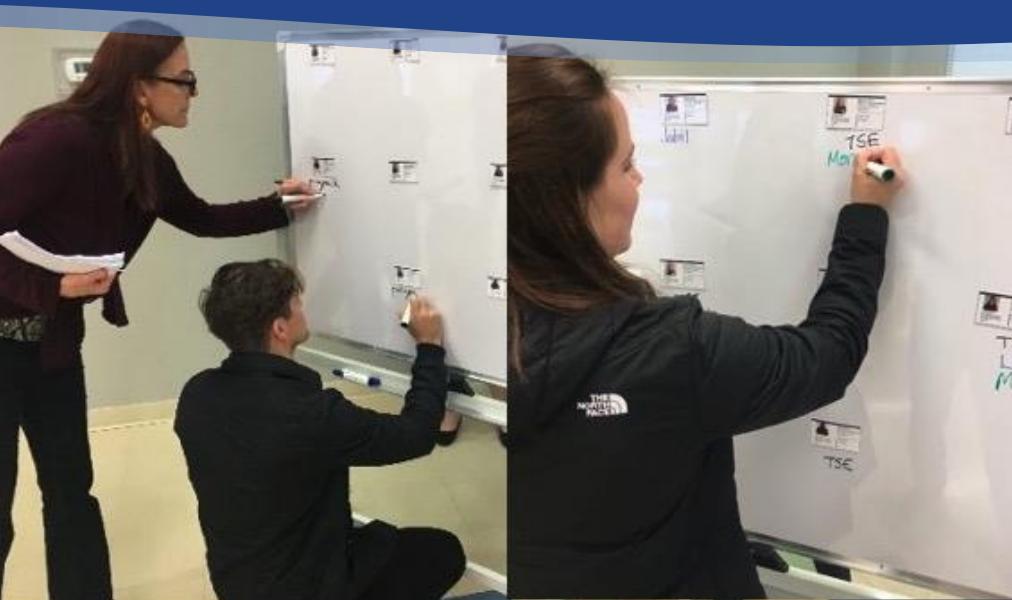
Resumes & Mock Interviews

FLORIDA **ready to work**



Math, Reading, Data







# Career Discovery Bootcamps

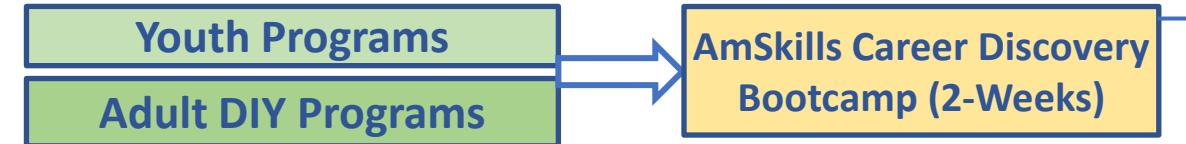




# Workforce Training & Apprenticeship

Recruit → Train → Sustain

## Recruitment, Vetting & Hiring Stage



### Certifications



AmSkills FDOE Registered Pre-Apprenticeship  
(1<sup>st</sup> Year of Employment)

# TRAIN - Industry Certifications



The Association for Packaging  
and Processing Technologies



National Institute for Metalworking Skills®



FLORIDA DEPARTMENT OF  
**EDUCATION**

[fldoe.org](http://fldoe.org)

Competency Based Registered Apprenticeships

- High School Pre-Apprenticeship
- Adult Pre-Apprenticeship
- Mechatronics Technician  
(Industrial Maintenance)
- Robotics Technician
- Machinist (Manual & CNC)



**ARM**  
ADVANCED ROBOTICS  
FOR MANUFACTURING



IPC  
IPC J-STD-001  
Training Center



Uniquely Abled  
Academy

# SUSTAIN

## Career Coaching & Mentoring





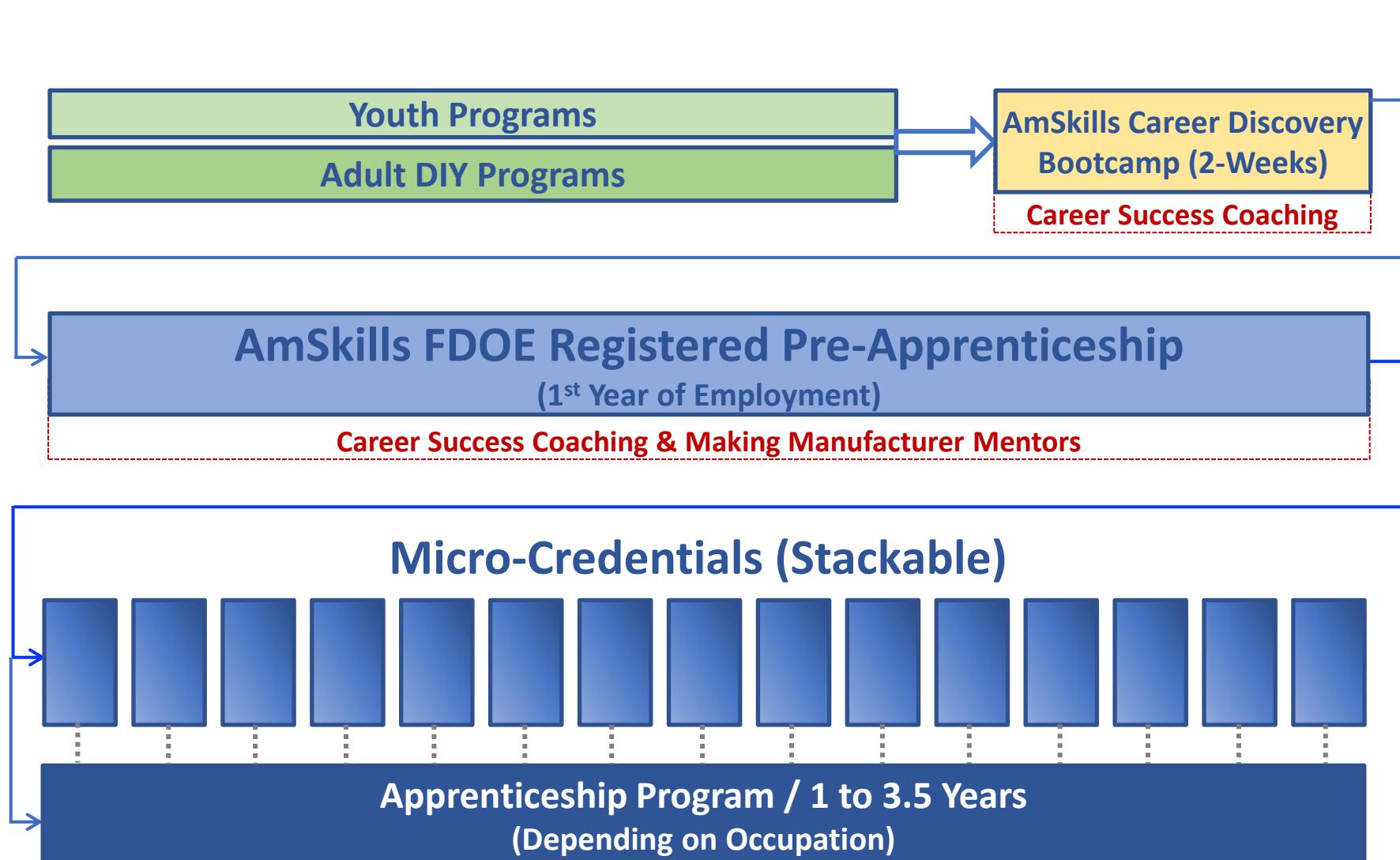
# Apprenticeships





# Workforce Training & Apprenticeship

Recruit → Train → Sustain



## Certifications



The Association for  
Packaging and  
Processing Technologies



National Institute for Metalworking Skills®

## Micro - Credentials



### Locations

(Online & Hands-On)

- [Lealman Exchange](#)
- [AmSkills Workforce Training Center](#)
- [Mobile Training @ Employer](#)

### Course List

Module:		*Theory (Online) Hours:	*Hands-On Hours:	*Total Hrs/Wks:
Basic Operations		60	20	80/6
Electrical Systems 1		26	14	40/5
Electric Motor Control Systems 1		26	14	40/5
Variable Frequency Drive Systems 1		26	14	40/5
Motor Control Troubleshooting 1		26	14	40/5
Sensor Logic Systems 1		26	14	40/5
Electrical System Installation 1		26	14	40/5
Programmable Controller Systems 1		26	14	40/5
Programmable Controller Troubleshooting 1		26	14	40/5
Pneumatic Systems 1		26	14	40/5
Mechanical Power Systems 1		26	14	40/5

\*Approximate Hours/Weeks



Workforce Innovation Center



Largest Advanced Manufacturing Training Center  
on West Coast of Florida



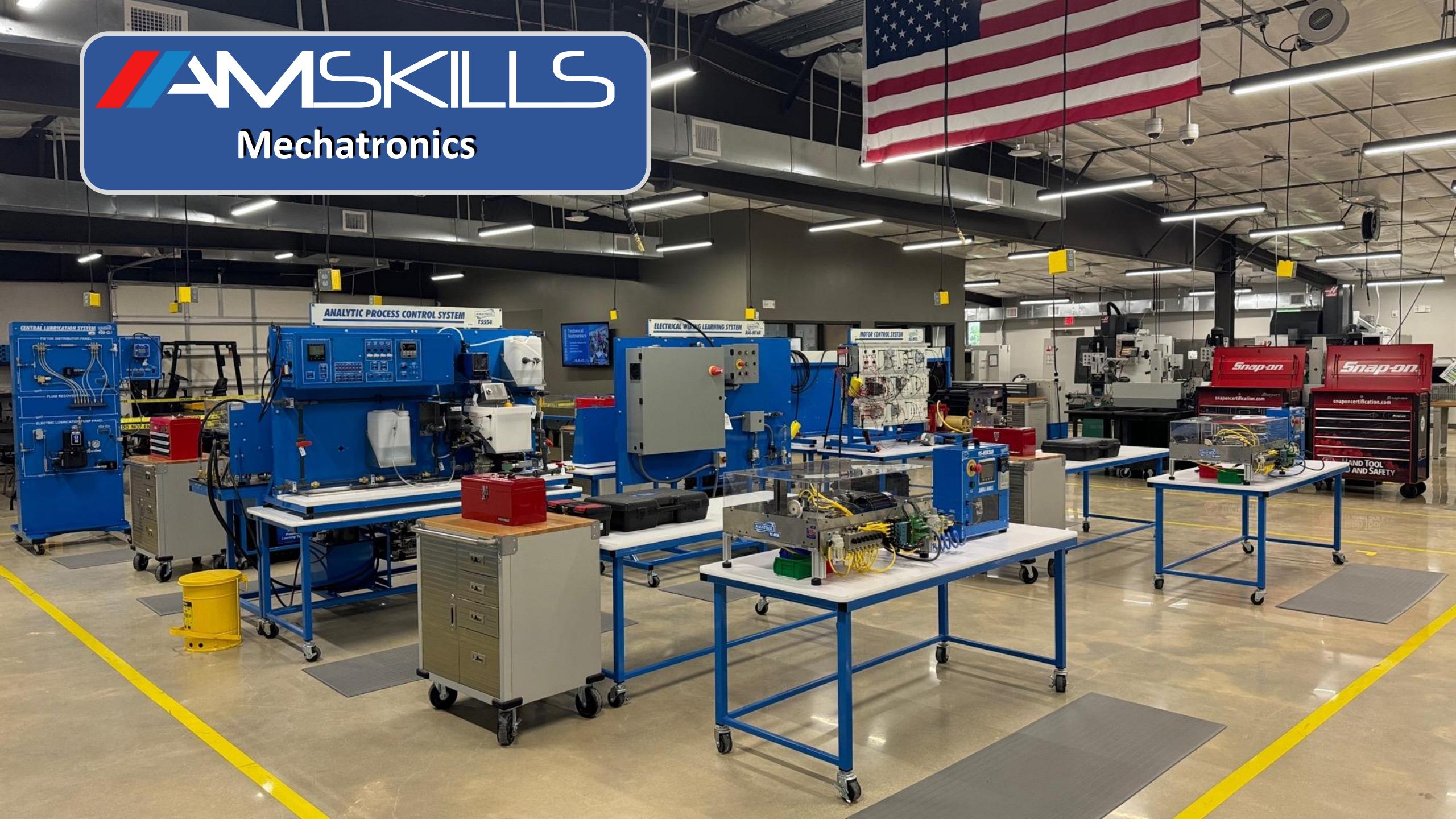
CNC & Manual Machining







## Mechatronics





**AMSKILLS**

Skills Assessments



**AMSKILLS**  
Robotics & Automation





**Lealman**  
**EXCHANGE**  
Community Center

**AmSkills**  
**Neighborhood**  
**Training Center**



**AmSkills Career  
Discovery Bootcamps**

**Manufacturing  
Certifications**

**Youth & Adult  
Programs**



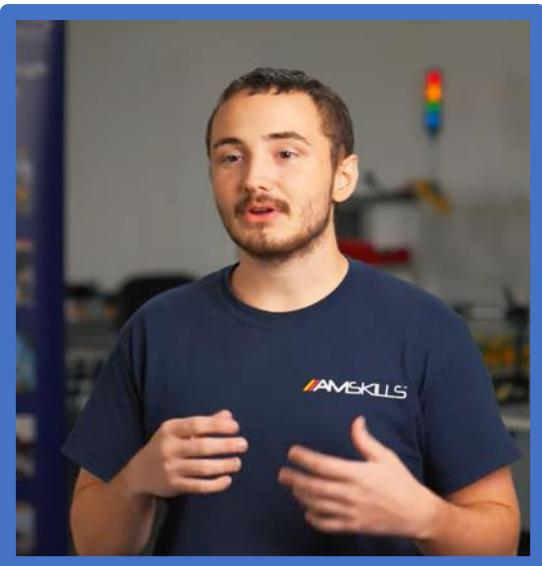
## Technical Training & Apprenticeships

A Proud Partner With





# Who We Help



High Schools &  
Home Schools



2<sup>nd</sup> Chances



Veterans



Advanced Skills



# Success Stories



2022



2024



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