

EDUCATIONAL INITIATIVES

A PROGRESSIVE TRAINING MODEL

Middle School



Middle School Career Connections

- 9 Core Focus Areas
- Hands-On Applied Learning
- Career Pathway Introductions

Secondary School

High School Dual Enrollment Programs

- 44 Dual Enrollment Credit Hours
- Advanced Manufacturing Certificate
- Current Capacity of 80 students



Danville Community College

Precision Machining Technology

- 36 or 80 Credit Hours
- College Degree
- Current Enrollment of 108



Gene Haas Center

Capstone IMT

- 29 Credits
- Earned Certificate
- Capacity of 140 students
- Industry-led curriculum



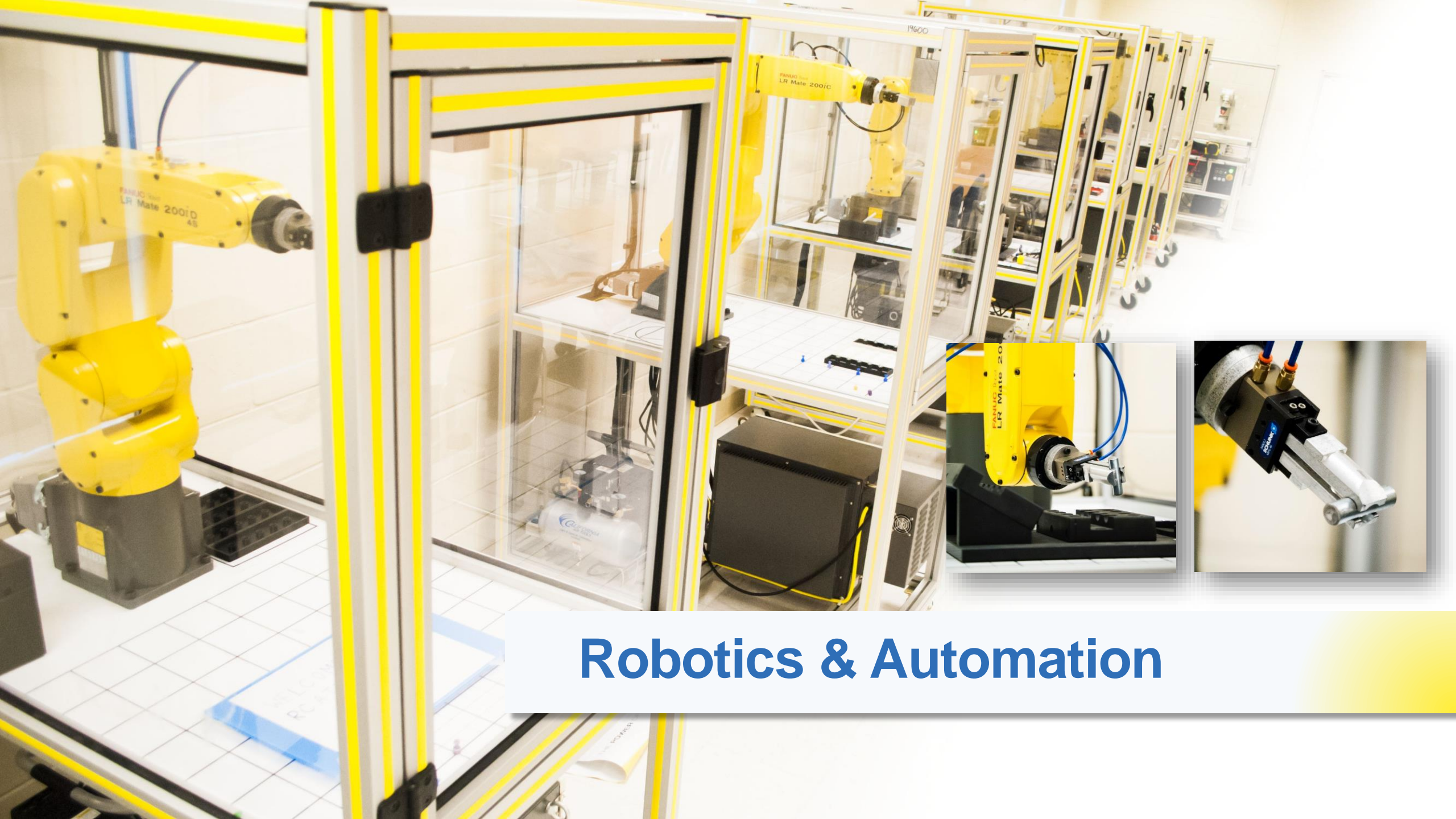
Industry
Recognized
Certifications

PATHWAY EXPANSIONS MODELED AFTER PRECISION MACHINING PROGRAMS

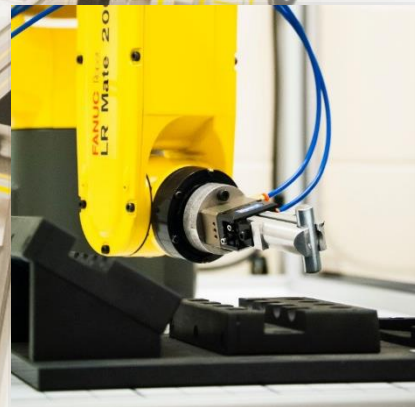
- Robotics & Automation
- IT Networking, Coding, Programming, and Cyber
- Career Connections

FUNDING UPDATES

- Danville Regional Foundation
- GO Virginia
- Partner Commitments



Robotics & Automation



ROBOTICS & AUTOMATION
PITTSYLVANIA COUNTY CAREER & TECHNICAL

Total Request	DRF Approved Funding	Go Virginia Approved Funding
\$688,742.08	\$357,616.08	\$331,126.00

Fully Funded

Middle School Career Connections

Core Focus Areas

- Additive Manufacturing
- CNC Machining
- Welding
- Robotics
- Metrology
- Manufacturing Engineering
- Mechanical Engineering
- Electrical Engineering
- Health Sciences



CAREER CONNECTIONS LABS

	Total Request	DRF Approved Funding	Go Virginia Approved Funding
3 Additional Career Connections Labs	\$890,197.20	\$477,794.70	\$412,402.50

Fully Funded

IT: PROGRAMMING & SOFTWARE DEVELOPMENT, NETWORKING, & PC REPAIR



IT PATHWAYS DEVELOPMENT

Project Description	Location	Total Request	DRF Approved Funding	Funding Cut from GO Virginia
Programming & Software Development Pathway	PCS High Schools	\$185,536.00	\$96,336.00	\$89,200.00
Networking & PC Repair Pathway Development	Pittsylvania County Career & Technical	\$414,289.20	\$215,111.70	\$199,177.50

Current Shortfall: \$288,377.50

ADDITIONAL PIPELINE DEVELOPMENT

Project Description	Location	Total Request	DRF Approved Funding
Elementary & Middle School STEM, Coding & Computer Science	PCS Elementary & Middle Schools	\$223,816.00	\$223,816.00
STEM Academy Additional Equipment	PCS STEM Academy	\$447,396.52	\$447,396.52
PCTC Facilities Upfit	Pittsylvania County Career & Technical	\$215,000.00	\$215,000.00
Welding Lab Upgrades	Pittsylvania County Career & Technical	\$165,200.00	\$165,200.00
Fully Funded			

PITTSYLVANIA COUNTY TOTALS

	Total Request	DRF Approved Funding	GO Virginia Approved Funding	Current BOS Funding Request
Robotics & Automation Pathways	\$688,742.08	\$357,616.08	\$331,126.00	\$0
IT Pathways Development	\$599,825.20	\$311,447.70	\$0	\$288,377.50
Career Connections Labs	\$890,197.20	\$477,794.70	\$412,402.50	\$0
Additional Pathway Development	\$1,051,412.52	\$1,051,412.52	\$0	\$0
TOTALS	\$3,230,177.00	\$2,198,271.00	\$743,528.50	\$288,377.50