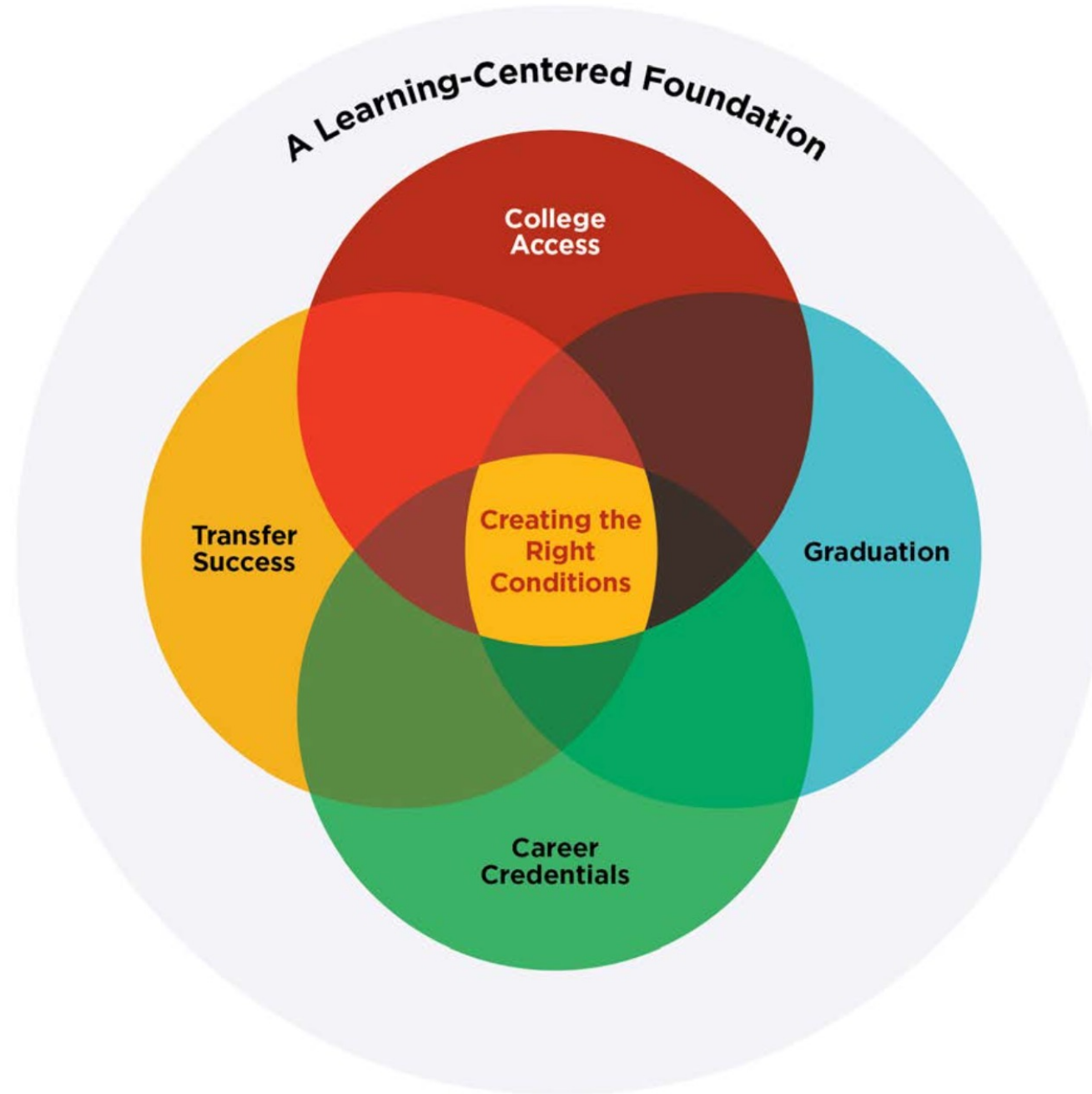


2030 Strategic Impact Plan: Career Credentials

Board of Trustees Meeting
September 5, 2024

2030 Strategic Impact Plan: Goal Areas

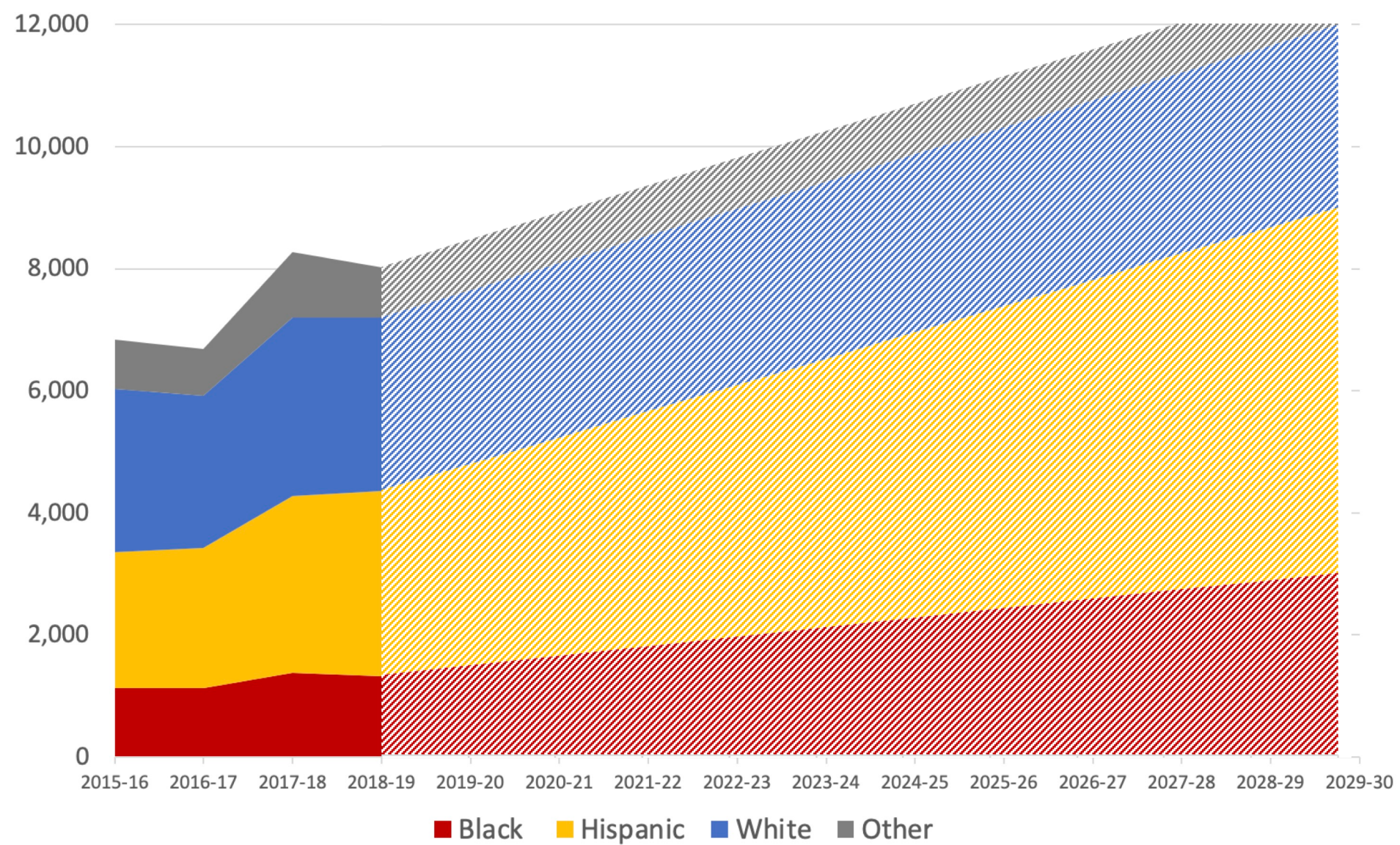


Career Credentials Goal

By 2030, Valencia College students will earn 12,000 high-quality workforce credentials each year. These credentials will include A.S., B.A.S., and B.S. degree completions, accelerated skills training and postsecondary adult vocational certificate (PSAV) completions, and qualifying technical certificate completions. To move toward parity in educational attainment and factoring in expected changes in demographics, we would expect at least 50% of these credentials to be awarded to Hispanic students and at least 25% to be awarded to Black students.

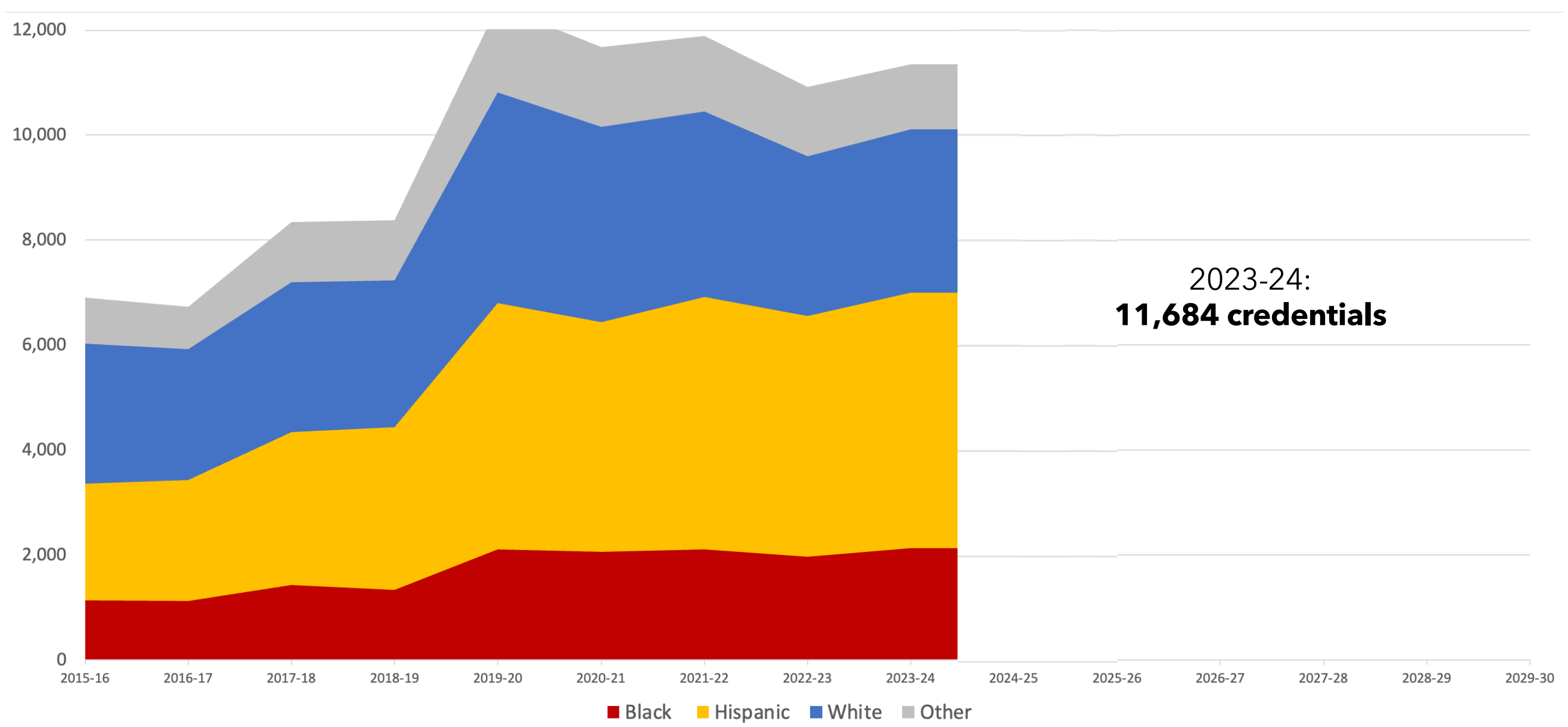
Career Credentials Goal: Baseline Visualization

Number of High-Quality Credentials Earned Annually by Valencia Students



Career Credentials Goal: Progress Through 2023-24

Number of High-Quality Credentials Earned Annually by Valencia Students



Example:

Preparing the Next Generation Workforce

PUBLIC SERVICE COMMISSION

AUGUST 21, 2024



VALENCIA COLLEGE

Florida's Competitive Advantage

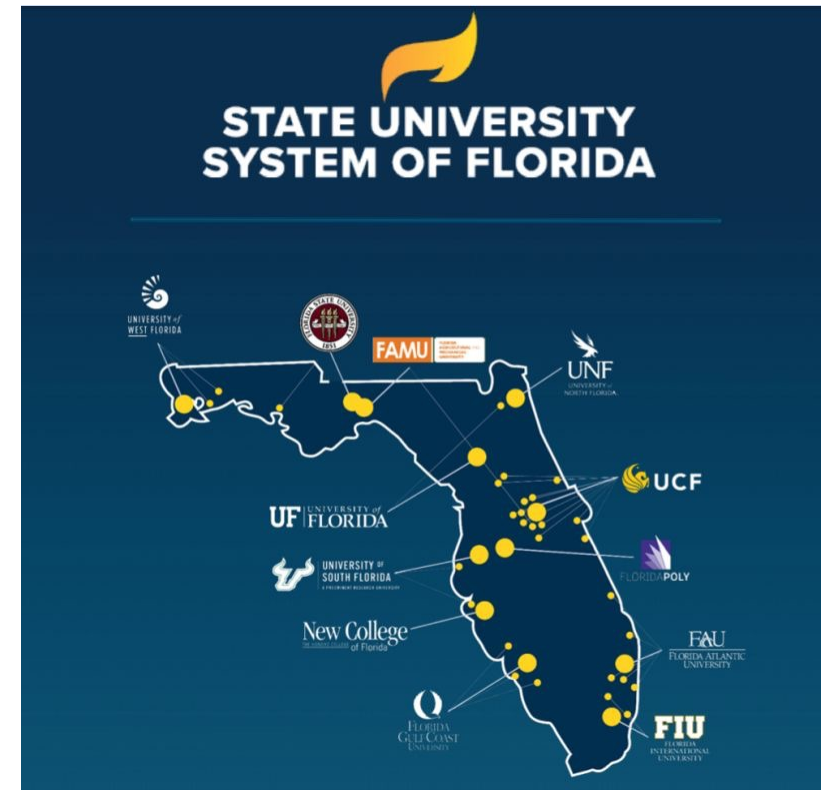
K-12 System



Florida College System



State University System



Workforce Development and Educational Ecosystem



Electrical Powerline Technician

Accelerated Skills Training
15 weeks

INDUSTRY CERTIFICATIONS:

- NCCER Power Industry Fundamentals
- NCCER Power Line Worker Level I
- NCCER Core Curriculum
- NCCER Site Safety
- Rigging/Signal Person
- Trench Safety Competent Person
- Confined Space Competent Person
- Fall Protection
- OSHA 10
- CPR/First Aid
- Class A CDL



Energy Management Controls Technology

Associate in Science Degree

POTENTIAL CAREERS:

- Building Automation/Controls Technician
- Building Operator
- Measurement and Verification Specialist
- Energy Manager
- Lighting Systems and Controls Technician
- Energy Auditor
- Indoor Air Quality Specialist
- HVAC/R Installation and Service Technician
- Facilities Manager



Cybersecurity and Network Engineering Technology

Associate in Science Degree



POTENTIAL CAREERS:

- Network and Computer Systems Administrator
- WAN/LAN Manager
- Network Systems Analyst
- Network Technician
- Computer Network Support Specialist
- Information Security Analyst
- Computer Security Specialist
- Data Center Support Specialist

Electrical and Computer Engineering Technology

Associate in Science Degree

POTENTIAL CAREERS:

- Electronics Technician
- Field Technician
- System Technician
- Electronics Tester
- Fiber Optics Specialist
- Instrumentation Technician
- Robotics and Simulation Technician
- Laser Specialist



Electrical and Computer Engineering Technology

Bachelor of Science Degree

POTENTIAL CAREERS:

- Computer Systems Engineer
- Electrical/Electronic Engineer
- Software Systems Engineer
- Power Systems Engineer
- Network Engineer
- Electro-Optical Systems Engineer
- Control Systems Engineer
- Wireless Systems Engineer

Recommendations:

- For new employees, consider paid employer-sponsorship models while new hires complete initial training.
- For upskilling incumbent workers, consider employer-sponsored tuition models.
- To address workforce shortages and skills gaps, invest in the state's workforce development engine, the Florida College System.



Looking Ahead: Expanding Pathways to High Value Programs

UNLOCKING OPPORTUNITY



CCRC COMMUNITY COLLEGE
RESEARCH CENTER

TEACHERS COLLEGE, COLUMBIA UNIVERSITY

- ☐ How might we more clearly communicate our full portfolio of program offerings?
- ☐ What additional in-demand programs should we expand and develop?
- ☐ What additional philanthropic opportunities might exist to support our workforce development efforts?