

Vance-Granville Community College

Center for Advanced Manufacturing and Technology

The economies of Vance, Granville, Franklin, and Warren counties are at a critical moment. Employers in advanced manufacturing, construction, energy, and technical services consistently report an urgent need for skilled workers in **welding, HVAC, electrical systems, and mechatronics**. Demand far outpaces the available pipeline of qualified talent, especially in rural communities with limited access to modern training facilities. Without intervention, the region risks losing new industry opportunities, slowing business growth, and leaving residents without access to high-wage, high-demand careers.

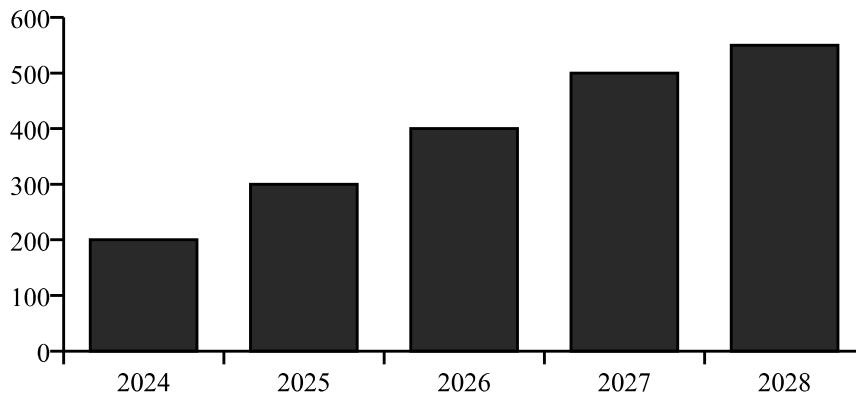
Vance-Granville Community College (VGCC) has served as the primary workforce training provider for the four-county Kerr-Tar region for over 50 years. Through Skilled Trades and Advanced Technologies programs, VGCC offers hands-on training in welding, HVAC, electrical, and mechatronics. As a member of **AdvanceNC**, VGCC collaborates with community colleges, workforce boards, and universities to strengthen technical workforce pipelines across North Carolina.

The Project: Center for Advanced Manufacturing and Technology

VGCC proposes the creation of a Center for Advanced Manufacturing and Technology to meet industry demand and modernize regional training opportunities. This facility will:

- Expand training capacity in welding, HVAC, electrical systems, and mechatronics.
- Modernize equipment and labs to mirror current and future industry technologies.
- Integrate advanced manufacturing with digital and automation tools.
- Provide flexible training pathways (degrees, certificates, short-term credentials).
- Support apprenticeships and work-based learning with employers.
- Serve as a hub for workforce and employer collaboration.

Projected Student Enrollment Growth (Annual)



Impact & Outcomes

- Train over **500 students annually** across technical programs.
- Serve dozens of regional employers in high-demand industries.
- Provide short-term credentials and stackable pathways to advanced skills.
- Increase employment rates and raise average wages.
- Attract new industries seeking a skilled workforce in North Carolina's Triangle North region.

Partnerships

The Center will leverage partnerships with the Kerr-Tar Workforce Development Board, NCWorks Career Centers, local Economic Development Commissions, NC Manufacturing Extension Partnership (NCMEP), the Economic Development Partnership of North Carolina (EDPNC), and industry leaders who will co-develop curricula and support apprenticeships.

Sustainability

Capital investments will be matched by VGCC's commitment to staffing, program delivery, and employer collaboration. Tuition revenue, customized training contracts, and public workforce funds will ensure long-term sustainability.

The Ask

Vance-Granville Community College seeks investment in the creation of the Center for Advanced Manufacturing and Technology to expand training capacity, modernize workforce development, and prepare residents for the high-demand careers that will define our region's future. An investment in this Center is an investment in **students, employers, and the long-term prosperity** of Vance, Granville, Franklin, and Warren counties.