



Advanced Manufacturing & Materials Processing

We Manufactured Our Success...

Greensboro has long been known as the manufacturing center of North Carolina, and our economic growth has been built by a skilled manufacturing workforce. From wireless components and electronics, to aerospace and defense, to specialty composites and coatings, Greensboro is the perfect location for manufacturing.

Exceptional Education Encourages Innovative Thinking...

We are investing heavily in the science of nanotechnology, recognizing that breakthroughs can move innovations from the lab into the marketplace. Our colleges and universities stand ready to provide research support, sophisticated engineering programs, and other educational resources for a superior labor force ready to work in the advanced manufacturing field.

The Joint School of Nanoscience and Nanoengineering (JSNN)

- A collaboration of North Carolina A&T State University and The University of North Carolina at Greensboro, the joint school is located at Gateway University Research Park's South Campus. JSNN offers Professional Master's and Ph.D. degrees in Nanoscience and is expected to offer M.S. and Ph.D. degrees in Nanoengineering in the future.

North Carolina A&T State University

- **The National Science Foundation Engineering Research Center (NSF ERC) for Revolutionizing Metallic Biomaterials (RMB)** is transforming Nano-bio applications and the biomedical industries including the development of biodegradable medical implants.
- **The Center for Advanced Materials and Smart Structures (CAMSS)** conducts research on advanced multifunctional materials and their composites.
- **The Center for Composite Material Research (CCMR)** focuses on polymer-based composites.

Guilford Technical Community College (GTCC)

- GTCC provides customized industry-specific workforce training in electronics engineering technology, manufacturing technology, biotechnology, aviation manufacturing, metal and machine working, and international quality standards to help companies achieve a world-class workforce.

High Energy Workforce...

Greensboro's young and well-educated workforce provides high-quality output at a reduced operational cost. According to the North Carolina Employment Security Commission, more than 30,000 Guilford County workers are employed in advanced manufacturing and almost 99,000 people in the Piedmont Triad region work in advanced manufacturing occupations.

Extraordinary Business Support...

We recognize you can locate your business anywhere. Because we very much want you here, we've put out the welcome mat for business.

- State and local incentives, as well as state tax credits (including a credit for R&D), are available to qualifying companies.
- North Carolina is a Right-to-Work state. Approximately 1.5% of manufacturing companies in Guilford County are unionized.
- Low utility costs and excellent power reliability from Duke Energy
- No inventory tax
- Excellent supply of available buildings and sites for your consideration

Imagine the Possibilities...

The world has changed and Greensboro's manufacturing capabilities have grown exponentially to embrace this evolution. Our colleges and universities are collaborating with business and industry to provide the next generation of American worker, a worker equipped with the knowledge to innovate as well as operate complex manufacturing processes. Our transportation and telecommunications infrastructure, coupled with outstanding power reliability, will keep you operating at optimum efficiency. For innovative and forward-thinking companies, Greensboro offers a unique opportunity to imagine the possibilities.

Efficient Market Access...

- Greensboro's rich manufacturing history and central location are assets for advanced manufacturing and materials processing companies.
- Eleven colleges and universities and outstanding community colleges in the Greensboro Region provide a young, well-educated workforce.
- FedEx Express Mid-Atlantic Air Hub, located at Piedmont Triad International Airport, has the capacity to sort 24,000 packages per hour.
- FedEx Ground constructed its new 400,000 square foot southeast sort facility on a 125-acre site along
- Major UPS ground facility in Greensboro sorts more than 44,000 packages per hour.
- Greensboro offers one of the largest concentrations of trucking companies and available trailers on the East Coast.
- Outstanding East Coast location, midway between New York and Miami, gets goods to market more efficiently.
- More than half the U.S. population and most major markets are within 650 miles.
- Easy access to western Europe via dozens of daily one-stop flights from GSO and non-stop flights from RDU and CLT.

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- North Carolina’s two deep-water ports (Wilmington and Morehead City) are just 3.5 hours away. Greensboro is proximate to ports in Savannah, Charleston and Norfolk.

Advanced Companies Thriving In Greensboro

Company	Business Description
Analog Devices	R&D design center for state- of- the- art signal processing integrated circuits
Dow Corning Corporation	Silicon-based technology
Daimler Buses North America	Commercial bus manufacturer
Ecolab	Food safety and cleaning products
Energizer Holdings, Inc. Asheboro, NC	Alkaline batteries, metal parts, and packaging
Evonik Stockhausen, Inc.	Super absorbent polymers global R&D Center, U.S. headquarters for STOKO Skin Care
General Dynamics Corporation	Defense
Gilbarco Veeder-Root	Fuel dispensing equipment, corporate office
nCoat, LLC	Advanced coating technology including nanotech coatings for a variety of industries
Honda Aircraft Company, Inc.	World Headquarters, HondaJet manufacturing, R&D
Honda Aero, Inc. Burlington, NC	Jet engine manufacturing and design
Machine Specialties	Contract machining/metal finishing
Precor, Inc.	Strength equipment manufacturing
Procter & Gamble	Over-the-counter drug and consumer products
Purolator Facet, Inc.	Filtration systems
RFMD	Microchips and integrated circuits; leading provider of power amplifiers for cell phones
Thomas Built Buses High Point, NC	School, commercial, and specialty bus manufacturing
Tyco Electronics	Manufactures electronic components for automotive, commercial vehicle, communication and industrial solutions and products for enterprise networks
Mack Trucks Inc. and The Volvo Group of Companies (N.A.)	headquarters, R&D