



## ADVANCED MANUFACTURING

### 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 a manufacturer's dream.

### ADVANCED LEARNING FOR ADVANCED TECHNOLOGY

The Greensboro area is investing heavily in the science of nanotechnology, recognizing the breakthroughs that can move from the lab into the marketplace. Our colleges and universities stand ready to provide research support, sophisticated engineering programs and training for a superior workforce ready to excel in advanced materials and manufacturing.

#### The Joint School of Nanoscience and Nanoengineering

Sponsored jointly by The University of North Carolina at Greensboro and North Carolina A&T State University (subject to approval by the North Carolina General Assembly) and housed at Gateway University Research Park. Both a professional science master's degree with a chemical or biological focus and a doctorate in nanoscience and nanoengineering will be offered.

#### North Carolina A&T State University

- **The Center for Advanced Materials and Smart Structures** conducts research on advanced ceramic materials and their composites.
- **The Center for Composite Material Research** focuses on polymer-based composites.

#### Guilford Technical Community College (GTCC)

Provides industry-specific workforce training in areas such as electronics engineering technology, manufacturing technology, biotechnology and international quality standards.

### LOTS OF GOOD NEWS FOR BUSINESS

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 – less than 1% of firms are unionized in Guilford County
- Low utility costs and excellent power reliability provided by Duke Energy.
- No inventory tax.

### A HIGH OUTPUT WORKFORCE

Greensboro's young and well-educated workforce provides high-quality output at a reduced operational cost. Over 22,000 Guilford County workers are employed in advanced manufacturing and almost 49,000 people in the Piedmont Triad region are employed in advanced manufacturing occupations. (U.S. Bureau of Labor Statistics Quarterly Census of Employment and Wages, 2005)

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**ADVANCED COMPANIES ARE ALREADY HERE**

<b>Company</b>	<b>Description</b>	<b>Employment</b>
Lorillard Tobacco, Inc	Tobacco products	1800
RFMD	Microchips & integrated circuits	1,380
Thomas Built Buses	Buses	1,280
Tyco Electronics Corporation	Automotive electronic components	1,250+
Gilbarco Veeder-Root	Fuel dispensing equipment	1,200
Procter & Gamble	Consumer products	820
Environmental Air Systems, Inc	Custom air handling units	600
General Dynamics	Defense	425
Honda Aircraft Company, Inc	Aircraft manufacturing - HondaJet	400
Ecolab	Food safety and cleaning products	340
Analog Devices, Inc.	Converter & electronic components	300
Evonik Stockhausen, Inc	Super absorbent polymers	235
Purolator Facet, Inc.	Filtration systems manufacturer	205
Sherwin Williams	Paint & coatings	175
Camco Manufacturing, Inc.	Vehicle parts, accessories & supplies	155
nCoat, Inc	Specialty coatings	105
Machine Specialities, Inc	Contract machining & metal finishing specialist	105
Daimler Buses North America	Commercial Bus Manufacturer	100
ABCO Automation	Industrial automation & fabrication	90
Dow Corning Corporation	Silicon-based Technology	90
Buzz-Off Insect Shield	Insect repellent for apparel	30
IonBond	Specialty Coatings	18
Sensory Analytics	Coatings Measurement	12

**YOU CAN GET THERE FROM HERE**

- Located midway between New York and Miami gets goods to market faster.
- More than half of the U.S. population and most major markets are within 650 miles.
- Easy access to Western Europe.
- FedEx has built its nearly 1 million-square-foot Mid-Atlantic Air Hub at Piedmont Triad International Airport .The UPS ground facility in Greensboro is 282,316 square feet and sorts over 44,000 packages per hour.
- Greensboro features one of the largest concentrations of trucking companies on the East Coast, as well as excellent trailer availability.
- North Carolina's two deep water ports (Wilmington and Morehead City) are only 3.5 hours away. Also proximate to ports in Savannah, Charleston, and Norfolk.

**AT THE CENTER OF IT ALL**

As times have changed, Greensboro's manufacturing capabilities have changed with them. Our colleges and universities are working together to provide skilled manpower – and brainpower – to ensure your success. We have the transportation and telecommunications infrastructure, as well as excellent power reliability to keep you operating at optimum efficiency. For advanced manufacturing, Greensboro truly is the center of it all.

2009

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