

Forsyth County Schools

WORKforce
DEVELOPMENT



Georgia International Workforce Development Initiative

Manufacturing Pathway

“A Manufacturing Renaissance in Georgia...”

What is the Georgia International Workforce Development Initiative?



Partnership

The Georgia International Workforce Development Initiative (“GWI”), is a community-based public-private partnership to promote job growth by addressing the skills training needs of international businesses through the Georgia Department of Education’s public education pathways.



Goal

The goal of the GWI is to enable high school students to receive skills training necessary to qualify for specific, currently available jobs at international businesses.



Focus

In support of the program, GaDoE’s educational pathways in the areas of **Manufacturing (Forsyth County)** and **Hospitality Management (Hall County)** will be enhanced to include training in sought-after business and technical skills in the context of key languages and cultural awareness



Focus of GWI



- Education is partnering with international businesses in Georgia to promote **job growth** by determining the business' needs and developing solutions that include the following:
 - **Course Curriculum Materials** (assist in training you in job skills needed by the business community)
 - **Industry-specific Language Tests** (required for industry)
 - **Pathway Certification Tests and Job Commitments** (enable you to achieve job certifications needed by international businesses)

“An expected surge in exports could help create up to five million U.S. jobs by 2020...”

Courses in International Manufacturing Pathway



- **Course 1:** Foundations of Manufacturing and Materials Science
- **Course II:** Robotics and Automated Systems
- **Course III:** Production Enterprises
- **Course IV:** WBL/Manufacturing Internship

**Preparing you for highly skilled,
advanced manufacturing jobs!**

International Business in Forsyth County



- American BOA
- Atis Ltd.
- Brukus Rockwood, Inc.
- Connect Chemical
- Hansgrohe, Inc.
- Hoover Precision Products, Inc.
- Lafarge Aggregates
- Motovario Corp.
- Siemens Industry, Inc.
- Trox USA
- **+ Many more.....!**

SIEMENS

Education Beyond High School & Careers



- **Routes to Employment Beyond High School:**
 - On-the-job training in manufacturing plants
 - A two-year college degree in manufacturing technology, technical systems, electrical technology or industrial technology maintenance
 - A four-year college degree in aerospace manufacturing, manufacturing engineering or fabrication technologies
- **Wages:**
 - Could potentially start at **\$21.75/hour** up to **\$32.44+/hour** depending on education and prior experience!

Job Outlook



- Competitive pressures will force companies to improve and update manufacturing facilities and product designs.
These changes will increase the need for technicians.
- Because the growing **green** sector of the economy demands both new environmentally friendly products and more efficient manufacturing in general, this job has a **bright future.**
- **Major Employers in Georgia:**
 - Aerospace product and parts manufacturers
 - Engineering firms
 - Federal, state, and local government agencies
 - Motor vehicle parts manufacturers
 - Navigational and measuring instrument manufacturers
 - Semiconductor and parts manufacturers

Benefits for Workforce Development in Georgia



Georgia provides residents with skills training for future job opportunities.



Siemens ensures pipeline technical talent for hard to fill technical roles.



Georgia attracts other large manufacturers by ensuring technical talent.



Siemens invests in the communities in which our employees work and live.



Siemens provides employees the opportunity to mentor, teach, volunteer, and get involved in their communities.



Together we promote the importance of education and careers in Science, Technology, Engineering & Math.

“The U.S. is poised for a manufacturing renaissance.”



**Register today to become
involved in the future of
MANUFACTURING in Georgia!**