



To provide an accessible education, training, and re-training for **better jobs and lives** in Northeastern North Carolina.

COLLEGE OF THE ALBEMARLE

PARTNERSHIPS

COMMITMENT TO WORKFORCE DEVELOPMENT WITH JOB-READY SKILLS

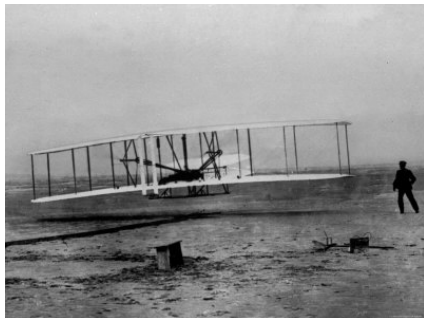
In a fast-moving global economy, the knowledge and skills people learn must be relevant, purposeful and quickly adaptable to any setting.

- Currituck County has 682 established businesses.
- 178 skilled jobs (26% of local workforce) out of 682 businesses in Currituck County have skills associated with COA's Industrial Machinery, Aviation or Mechanical Drawing courses.

(Reference - Dun & Bradstreet's Hoovers system as of 6/2011)



REGIONAL HERITAGE



“North Carolina is the birthplace of powered flight. Building from this heritage, NC continues to be a place where aerospace companies Thrive.”



“North Carolina has the existing industry, statewide support and talent pool that continue to attract and keep leading aerospace and aviation companies.”

(Source: ThriveNC.com)

MEETING WORKFORCE NEEDS THROUGH EDUCATION

❖ Develop a knowledge-based economy

- ❖ Establish consistent training through **Center of Excellence in Currituck County**
 - ❖ New and existing
 - ❖ In demand

❖ Establish Support for Regional Workforce Development Opportunities

- ❖ Serve 7 counties

❖ Enhance skilled talent to create a diverse and competitive edge

- ❖ Re-train existing workforce
- ❖ Introduce Cutting-Edge Technology
 - ❖ 5 Axis CNC machine
 - ❖ Virtual Painting
 - ❖ Computer Based Training – Electronics
- ❖ Identify new technologies to support existing workforce in a growing industry

❖ Demonstrate innovative and unique capabilities

- ❖ Transferrable skills – Training for skillset, not a “job”
- ❖ Commitment to new-generation technologies
- ❖ Promote a quality of life that attracts talent



SHEET METAL LAB

Occupational Focus

Current Industry

Sheet Metal Mechanic

HVAC/Windmill Structures/
Framer

Precision Hole Drilling

Machinist/Assembler

Cable Rigging

Rigger Cable/Line/Fixtures

Corrosion

Heavy Structures Inspector
Boat Inspector

Tool Pattern Fabrication

Pattern Tool Maker

Electric/Tungsten Welding

Boilermaker/Motorcycle Frame
Restorer

MACHINERY LAB

Occupational Focus

Current Industry

Computer Numerical
Machines (CNC)

Machinist Operator/Tool
and Die

Blueprints

Assembler/Builder

Fabrication

Fabricator/Millwright

Computer Aided Drawings

CAD Operator/Designer

Metallurgy

Metallurgist/Artisan

MECHANICAL DRAFTING

Occupational Focus	Current Industry
Computer Aided Drawings	Graphic Artist/ Digital Technician
Mechanical Drawing	Technical Illustrating
Architectural Drawing	Architect's Assistant
Drafting	CAD Operator/Designer

REGIONAL OPPORTUNITIES FOR GROWTH

Currituck County
Regional Location for Center of Excellence

- ❖ **Expand related opportunities**
 - Mechanical
 - Hydraulic/Pneumatic
 - Electrical/Electronic
 - Welding
- ❖ **Promote Entrepreneurship**
- ❖ **Develop community service offerings**
 - Expand current business and industry
 - Develop community service offerings through partnerships (Boy Scouts, preservation efforts, tourism)

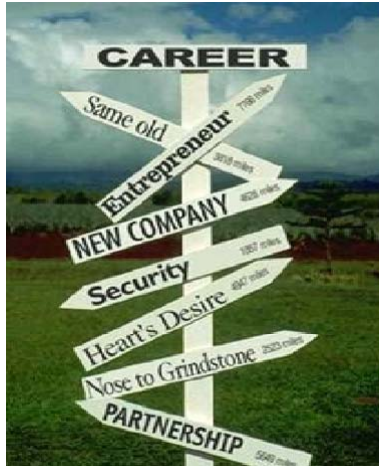









PATHWAYS TO SUCCESS



ROAD TO EXCELLENCE



IN CURRITUCK COUNTY, NC



College of The Albemarle Campus and Center Locations

