



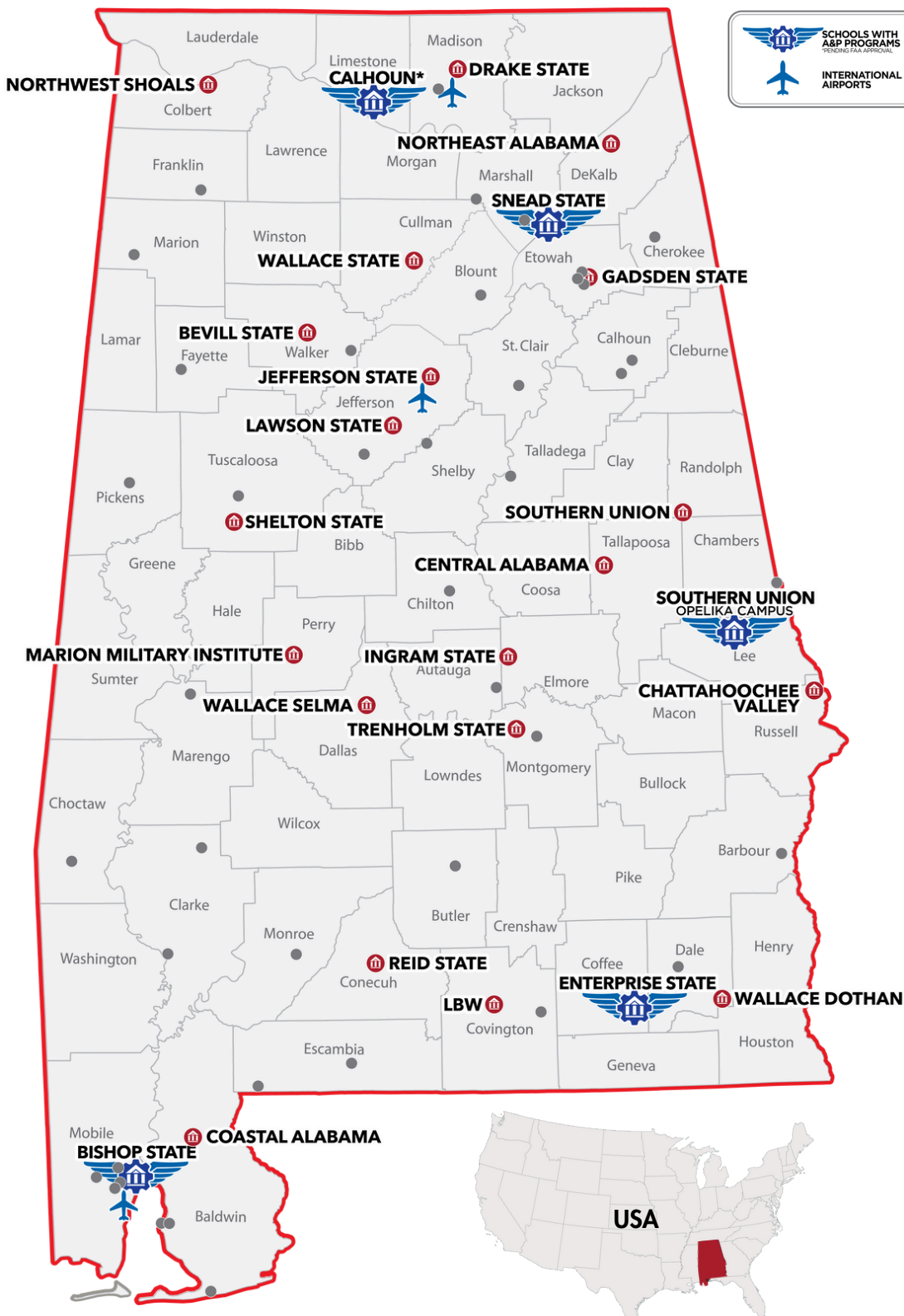
YOUR WORKFORCE SOLUTION FOR AEROSPACE & AVIATION



For more information, visit economicdevelopment.accs.edu



The Alabama Community College System is ideally situated to cultivate talent across diverse industry sectors. By utilizing a variety of enrollment options—including dual enrollment, non-credit courses, short certificates, associate degrees, apprenticeships, and other work-based learning models —community colleges are aligning talent development with the demands of industry.



24
Colleges



130
Locations



143,000+
Individuals Served



437
Degree & Certificate
Programs



5% increase in
for-credit enrollment
since 2020-2021



500+
Workbased Learning
Company Partners



Make *Life* Better.

Aerospace, Aviation & Advanced Manufacturing Career Pathways:

- Advanced Composites
- Aerospace Technology
- Aerospace Welding
- Aircraft Structural Assembly
- Aviation Maintenance (A & P)
- Aviation Manufacturing
- Avionics
- Drone Flight
- Flight Technology
- Industrial Maintenance
- Machine Tool Technology
- Robotics & Mechatronics
- Welding



Industry-Recognized Credentials

Upon fulfilling course requirements, students may become eligible to obtain industry-recognized credentials that align with their chosen career pathway.

- National Coalition of Certification Centers (NC3)
- FAA Pilot (Airplane/Helicopter & Remote)
- FAA (Airframe & Powerplant)
- American Composite Manufacturing Association (ACMA)
- National Institute of Metalworking Skills (NIMS)
- American Welding Society (AWS)
- Avionics & AET Endorsements (IPC, AET, ASTM NCATT)



Eleven community colleges have active Federation for Advanced Manufacturing Education (FAME) chapters, which combine best-in-class technical training in electricity, robotics, fluid power, mechanics, PLCs, industrial troubleshooting, and lean manufacturing principles with intentional hands-on experience at host companies for an immersive training experience.



The Alabama Technology Network serves as the state's Manufacturing Extension Partnership by providing extensive workforce training, technical assistance, and engineering services in areas such as continuous improvement, environmental health and safety, food industry, industrial maintenance and technology, and leadership and management development.

Industry Collaborations

AIRBUS

"Our partnership with the Alabama Community College System (ACCS) has enabled us to provide existing and potential Airbus employees with quality training programs, ensuring they are ready to take the next step in their career at Airbus' U.S. Manufacturing Facility in Mobile. We look forward to continuing to work with ACCS to provide citizens of the Gulf Coast region with opportunities to advance their skills, careers, and lives."

Daryl Taylor, SVP Commercial Aircraft Operations in the U.S.

"The Boeing Company has benefited from our longstanding partnership with the Alabama Community College System (ACCS), collaborating for many years to support STEM education and workforce development programs. ACCS provides advanced manufacturing training led by experienced industry professionals – training that is crucial for creating opportunities for students and developing a skilled workforce for high-growth and in-demand manufacturing careers in our region."

Chrystal Morgan, Executive Director Government Relations



"Teaming up with local colleges has been instrumental in shaping Continental's workforce planning and talent acquisition strategy. Through partnerships with our local schools, we can now provide hands-on training for current and future team members, demonstrating our commitment to the development of individuals and our customers worldwide who rely on our knowledgeable team each time they fly behind a Continental engine."

Karen Hong, CEO

"Relationships like Lockheed Martin's with Calhoun Community College help build a highly skilled talent pipeline in the North Alabama region as a hub for aerospace work on critical missions. The company's ongoing academic collaboration with Calhoun establishes funding for military veterans to attend specialized development courses, brings cyber to the forefront, and maintains a pre-apprentice program to provide training to future electrical assembly technicians. We appreciate the opportunity to strengthen the aerospace and defense workforce in Alabama together."

Jeff Kepley, Vice President, Missile Defense Programs



Front cover photo credits clockwise: Airbus; Artemis | NASA HQ Photo; Continental Aerospace; Tuskegee Airmen by Marsh Williams/Canva

For more information, scan the QR code or visit economicdevelopment.accs.edu

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