



Missouri Provides Education and Training for Aerospace Manufacturing



MISSOURI INSTITUTIONS OFFERING AEROSPACE AND DEFENSE RELATED DEGREES AND CERTIFICATES



OFFERING DEGREES IN CYBERSECURITY



OFFERING DEGREES IN PRECISION PRODUCTION

OFFERING DEGREES IN ENGINEERING AND ENGINEERING TECHNOLOGY:



20 ASSOCIATE'S

15 BACHELOR'S

7 MASTER'S

4 PHD

Missouri understands that an educated and trained workforce is essential to success in aerospace manufacturing. As a result, Missouri offers traditional and non-traditional training options for workers and companies in the aerospace field with academic institutions statewide granting degrees in engineering related fields and aerospace knowledge centers around the state supporting collaboration with industry leaders such as Boeing. From pre-employment training to advanced degrees Missouri takes flight with our workforce solutions.

AVIATION INSTITUTE OF MAINTENANCE (KANSAS CITY)

- Aviation Maintenance Technician (AMT) Program
- Metropolitan Community College (Kansas City)
- AAS in Engineering Technology

MISSOURI STATE UNIVERSITY (SPRINGFIELD)

- Center for Applied Science and Engineering develops and supports advanced materials research.

MISSOURI UNIVERSITY OF SCIENCE & TECHNOLOGY (MISSOURI S&T) (ROLLA)

- Collaborates with Boeing on research projects.
- Worked with Boeing to create the Center for Aerospace Manufacturing Technologies, supporting the aerospace supply chain.
- Center for Intelligent Maintenance Systems partners with companies to develop new technologies.

MISSOURI

What Can We Make For You? ®



- Intelligent Systems Center performs research to address companies' technology needs and technical issues.

SAINT LOUIS UNIVERSITY

- Home of Parks College of Engineering, Aviation and Technology, the first federally certified school of aviation in the US
- Space Systems Research Laboratory performing research in the design, fabrication and operation of space systems.
- The AirCRAFT Lab leverages the advantages of Unmanned Aerial Systems (UAS)—versatility, low cost, flexibility, minimal risk overhead and the tacit acceptance of a potential loss. This makes them the ideal platforms for experimental evaluation of cutting edge, high risk/high reward flight control algorithms, especially those addressing adverse flight conditions such as failures of sensors and actuators.

SOUTHEAST MISSOURI STATE UNIVERSITY (CAPE GIRARDEAU)

- BS in Unmanned Aircraft Systems (UAS)

ST. LOUIS COMMUNITY COLLEGE

- St. Louis Community College's Workforce Solutions Group and the Emerson Center for Engineering & Manufacturing formed a joint venture with Boeing to develop a customized preemployment training program.
- Provides 208 hours of instruction in aircraft assembly techniques, work instructions, teamwork, interview skills and resume writing.

- More than 427 assembly mechanics recruited and trained through this program to date.

- Aerospace Institute works with adults and high school students to grow a ready workforce for entry-level technician jobs in partnership with regional aerospace companies.

STATE TECHNICAL COLLEGE OF MISSOURI (LINN)

- Offers hands-on training in airframes and powerplants

UNIVERSITY OF CENTRAL MISSOURI (WARRENSBURG)

- Offers degrees in Aviation Management, Aviation Maintenance Management and Professional Pilot. Training conducted by current and former B-2 and A-10 pilots based at Whiteman AFB.

WASHINGTON UNIVERSITY IN ST. LOUIS

- Institute of Materials Science & Engineering leverages an interdisciplinary platform in engineering, physics, chemistry, and earth and planetary sciences.

The Missouri Partnership is a public-private economic development organization focused on attracting new jobs and investment to the state and promoting Missouri's business strengths. We work in partnership with the Hawthorn Foundation, the Missouri Department of Economic Development, the State of Missouri, and economic development agencies across the state.
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