



Department of Civil and Environmental Engineering and Industrial Systems and Technology

College of Science, Engineering, and Technology

The Industrial Systems and Technology Program prepares students for supervisory and management positions in the production, automation, maintenance or logistics areas of industry.

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Technology For Tomorrow

Remember our motto: "The Industrial Systems and Technology Programs produces graduates that are responsible leaders who seek solutions to solve tomorrow's complex problems"



Dr. Farshad Amini, Professor and Chair

Welcome to the Home Page for the *Industrial Systems and Technology programs in the College of Science, Engineering & Technology at Jackson State University.* The fact that you have reached our site indicates that you are interested in, or at least curious about our department and programs or maybe the profession of Industrial Technology in general. I hope that our site provides you with information that strengthens your interest and satisfies your curiosity.

Industrial Technology undoubtedly is one of the largest contributors to the tremendous technological advances that we have witnessed during the past few decades. If you are a potential student looking for a career in Industrial Technology check out our programs below which offer undergraduate and graduate degrees.

You are invited to have a closer look at these programs.

Here, at Jackson State University, our programs continues to provide students with an excellent education. We stress an understanding of the fundamentals

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Association of Technology, Management, and Applied Engineering (ATMAE).

Epsilon Pi Tau, The Leading International Honor Society in Technology.

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with an excellent education. We stress an understanding of the fundamentals and hands-on activities, including scientific principles, rigorous analysis and creative design. We also provide our students with a broad educational base to prepare them for productive careers and to foster in them a commitment to lifelong learning. Furthermore, we encourage the development of clear communication skills and provide opportunities for our students to participate in responsible teamwork situations that will help them to develop professional attitudes and ethics. I hope you enjoy visiting this site.

Departmental Mission Statement: The mission of the Industrial Systems and Technology program is to provide a nationally accredited program, which serves the technical, managerial, and communication needs of persons desiring to enter or advance professionally in an industrial technology related career. The JSU Technology Programs will:

1. Prepare our graduates to meet employer expectations for competent professional, and ethical practice.
2. Prepare our graduates to pursue advanced studies in the areas of technology or other fields.
3. Prepare our graduates to adopt and continuously practice life-long learning and continuing education.

Career Information:

1. More than 90% of JSU technology graduates find Industrial Technology/Applied Engineering Careers.
2. Our students are employed at industries and entities such as Engineering Research and Development Center, Vicksburg, MS; Nissan, Canton, MS; Eaton Aerospace, Jackson, MS; Exelon Corporation, Jackson, MS; Redstone Arsenal Army Base, Huntsville, AL; American Axle Manufacturing, Detroit, MI; Accenture, Houston, TX; Field Locate, Dallas, TX; Boeing; and other industries throughout the U.S.

Salary Projections:

1. Average Applied Industrial Technologies salaries for job postings nationwide are 21% higher than average salaries for all job postings nationwide (www.indeed.com).
2. Respondents from the 2017 IS&T Graduate Follow Survey have indicated an average starting salary of approximately \$ 44,000. Salaries (from the 2017 survey) that were above \$60,000 resulted from change in position (promotion and/or change of company). These ranged from \$60,000 to \$95,000.

Please contact us if you have any questions or comments.

General Requirements/Curriculum



[Learn More >](#)



APPLY



VISIT



CONTACT

ABOUT THE PROGRAM





Real-World Experience and Challenges

Students receive an excellent background in the practical use of both manual and automated machinery and associated tools, as well as knowledge of industrial manufacturing processes, materials, design, human relations and logistics, with an emphasis towards hands-on laboratory experiences.

LEARN BY DOING

Successful graduates gain knowledge, skills, and abilities in solving technical problems, understanding the design process, excelling in authentic leadership, being aware of safety issues, having a quality orientation, effectively managing projects, and having a systems-thinking perspective. This translates to a holistic approach that uses science and engineering principles to focus on the way the constituent parts of a manufacturing system interrelate, how they work over time, and how they fit the context of larger systems.

"Challenging Minds, Changing Lives."



APPLY YOUR KNOWLEDGE

Gain real-world experience expanding outside of the classroom. Learn how to succeed by facing real challenges within the community

CAREER OPPORTUNITIES

Industrial Systems and Technology majors have a plethora of career options:

Welder	Maintenance Technician	Technical Support Specialist	Field Service Technician
Biosystems Engineer	Electrician	Machinist	Production Supervisor
Operations Supervisor	Manufacturing Engineer	Civil Engineer	Robotics Engineer



RESEARCH

Our Industrial Systems and Technology Program offers exciting opportunities to work with renowned faculty on new technologies for industrial systems.

Want to learn more? Click below to view our contributions.

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RESOURCES

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PERSONNEL

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READY TO JOIN?

For more information, please contact us at (601) 979-2466. We look forward to meeting with you and seeing how our program can help you achieve your goals.

DEPARTMENT OF CIVIL AND
ENVIRONMENTAL ENGINEERING
& INDUSTRIAL SYSTEMS AND
TECHNOLOGY



Location

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Jackson State University is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award bachelor's, master's, specialist's, and doctoral degrees. Degree-granting institutions also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of Jackson State University may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website (www.sacscoc.org).

Routine inquiries about the institution, such as admission requirements, financial aid, educational programs, etc. should be addressed directly to Jackson State University and not the SACSCOC office. All campus sites, regardless of location or mode of delivery, are incorporated in the institution's self-assessment and its determination of compliance with the standards. SACSCOC accredits the institution as a whole and not specific degrees or programs.