



# HBCU/MSI JCI FEATURING:

Drake State Community and Technical  
College

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# HBCU/MSI NAME

<b>College/ University Name</b>	J.F. Drake Community and Technical College	<b>Campus Address:</b>	3421 Meridian Street North, Huntsville
<b>President:</b>	Dr. Patricia Sims	<b>Main Phone Number:</b>	(256) 539-8161
<b>E-mail Address:</b>	Patricia.sims@drakestate.edu	<b>Year Established:</b>	1961
<b>Website:</b>	<a href="http://www.drakestate.edu">www.drakestate.edu</a>	<b>Educational Demographic:</b>	Total Enrollment: 1024 Female: 63.64%, Male: 35.28 Black: 55.5%, Hispanic: 10.57%, White: 34.41%, Two or more races: 6%

# COLLEGE UNIVERSITY CURRICULUM/PROGRAMS

Drake State offers 16 Associate of Applied Science Degrees, including Computer Information Systems, Nursing, Medical Assisting, Business and Accounting, and Advanced Manufacturing, and Associate of Science in General Studies.

**Instructional Depth & Leadership:** All technical program instructors have significant experience working in their field and strong connections with local industry to ensure that technical curriculum meets workforce needs and learning labs have relevant technology and equipment.

Drake State's advanced manufacturing **technical programs** are its flagship offering both AAS and certificates:

- Engineering Design
- Industrial Maintenance/Mechatronics
- Electrical Technology
- Machine Tool Technology
- Welding
- Automotive Technology
- HVAC



# COLLEGE UNIVERSITY CURRICULUM/PROGRAMS (CONT.)

- Updated **Machine Tool Lab** houses a CNC five-axis mill, lathe with live tooling, jet manual, and collet lathes, as well as various grinding, drilling, and sawing equipment to allow for the completion of a wide range of shaping and forming projects.
- The **Computer Information Systems** program offers an AAS and certificate programs in coding, data analytics, web development, cyber-security, and network administration.
- The **Concrete 3-D Printing Lab** houses the research printer powered by an industrial-size ABB robotic arm with a 2.6-meter reach.



# NAICS CODE(S) AND CAPABILITIES

## NAICS Code(s):

- 611210
- 611310
- 611513
- 611511
- 611430
- 541330
- 541512
- 327390
- 333517
- 811310
- 561210

## Capabilities:

- Junior Colleges
- College, Universities, and Professional Schools
- Apprenticeship Training Programs
- Cosmetology and Barber Schools
- Professional and Management Dev Training
- Engineering Services such as Mechanical, Civil, Electrical
- Computer Systems Design Services such as CAD systems integration design
- Other Concrete Product Manufacturing
- Machine Tool Manufacturing
- Commercial and Industrial Machinery and Equipment Repair&Maintenance
- Facilities Support Services

# SELECT PAST PERFORMANCE

- Drake State is the first and only historically Black community college to receive a full cooperative agreement award from NASA Marshall Space Flight Center's CAN opportunity since its inception in 2013. The CAN award was the catalyst for the College to establish ***the Frontiers Research Program***, which supports the MMPACT project, a part of NASA's Artemis Mission with research related to construction in space.
- National Aeronautics Space Administration (NASA), which includes two cooperative agreements on additive manufacturing of concrete structures as applicable to lunar exploration and work on designing and prototyping lunar habitat outfitting components.
- MUREP grant for expanding engineering career pathways to minorities who are historically underrepresented in STEM.
- Department of Commerce, which includes a two-year grant to expand access to broadband to minority communities of Madison County, Alabama.

# COLLEGE/UNIVERSITY CONTACT(S)

Name	Title	Phone Number	E-mail Address
Dr. Patricia Sims	President	(256) 551-3117	<a href="mailto:Patricia.sims@drakestate.edu">Patricia.sims@drakestate.edu</a>
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