

RTP CAPABILITIES

RTP PARTNERS

INDUSTRY-SPECIFIC TRAINING IN:

- **Robotic Systems**
 - > Material Handling
 - > Weld
 - > Paint/Dispense
- **Manual Weld**
- **Overhead Crane**
- **Forklift Safety**
- **OSHA 10 and 30 hour**
- **70E Arc Flash Safety**
- **Robotic Safety**
- **American Welding Society (AWS)**
- **Certified Robotic Arc Welding (CRAW)***
- **Virtual Reality Training**
- **Mechatronics**
- **Industry 4.0**

Robotic Partners (Automation):

ABB Robotics Mitsubishi Automation
 Adept Motoman Robotics
 Fanuc Robotics
 Kawasaki Robotics, USA

Robotic Partners (Weld):

ABB Robotics
 Motoman Robotics
 Fanuc Robotics

PLC Partners:

Mitsubishi Automation Rockwell Automation
 Omron Electronics, LLC Siemens

Other Partners:

AirHydro Power	Nexair
AMtrol	SACA
AWS	Siemens
Bertelkamp Automation, Inc.	Southern Controls
Cognex Corporation	Stratsys
Creform AGV Robotics	Omron STI
Daikin	RoboVent
Doozer	T&W
FAME	Technical Training Aids
Gorbel Cranes	T.J. Snow
Irby	Transvr
Keynce	Universal Robots
Kuka Robots	
Lincoln Electric	
Miller Welding	
National Association of Manufacturing	

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ROBOTICS & AUTOMATION TRAINING
 UNIVERSAL ROBOTICS
 RESEARCH & DEVELOPMENT
 INTEGRATION & PAINT DISPENSE



THE RTP MOBILE ROBOTICS TRAINING LAB (MRTL)



The Mobile Robotic Training Lab is an instructional tool used by the RTP and its partners to create an awareness and interest within the community and industrial groups for the development of a skilled industrial robotic workforce, and individuals seeking a rewarding lifelong career path in a modern industrial setting. The Mobile Robotic Training Lab is used to generate student interest, excitement, and motivation about robotics.



ALABAMA RTP

ROBOTICS TECHNOLOGY PARK

The RTP is a collaboration between the state of Alabama, Alabama Community College System, AIDT, and robotics industry leaders across the nation. The RTP consists of three individual training facilities, each targeted to a specific industry need.



PHASE I

THE ROBOTICS MAINTENANCE TRAINING CENTER

The Robotic Maintenance Training Center provides a venue for enhancing and stabilizing Alabama industries in automation and safety training that promotes workforce development and growth in Alabama. It provides several benefits for manufacturers who have automated processes. Our training also gives trainees "hands-on" experience with state-of-the-art automation equipment. Benefits from our center include the following:

- **NO COST TRAINING** is currently being offered to Alabama Industries and their affiliates. Plus, the additional cost saving benefit as compared to out-of-state or foreign travel for training.
- Most of the major automation equipment vendors that are used by Alabama Industries are partners with the RTP.
- RTP partners have equipped the training center by providing approximately \$40 million in new automation and robotic technologies.
- In addition to the individual automation training, the RTP has developed an advanced automation line for the purpose of advance training in networking the various devices and automated equipment into one coordinated manufacturing line.

THE ADVANCED RESEARCH & DEVELOPMENT CENTER

The Research and Development Center was created to give public and private entities, that are engaged in research and development of robot/automation technologies a location to conduct these activities. Two and Four-year co-op students are encouraged to be utilized, as training, in this facility, as well as the



PHASE II

employees and staff of the tenant entity. This building is comprised of four (4) client suites. Each suite is finished with the necessary infrastructure including internet access, phones, restrooms, and environmental controls. Each suite has raised access flooring in sectional panels, a common high bay with two large roll-up doors that allow access to the 0.9 mile outdoor test track.

Alabama companies or affiliates may apply for a suite based on a very specific set of criteria. To apply for a suite in the facility you must complete an application followed by a review process.

THE INTEGRATION, ENTREPRENEURIAL, & PAINT DISPENSE TRAINING CENTER

The Integration/Entrepreneurial and Paint Dispense Training Center provides space and training that promotes economic growth through either training and/or space for manufacturing process integration.

Integration/Entrepreneurial entity is used by Alabama's new and existing businesses to build, install and adapt automation equipment for new and existing manufacturing process.



PHASE III

The Paint/Dispense Training entity offers opportunities for Alabama businesses to train in manual paint spraying techniques as well as robotic dispense training or can be used for dispense process research and testing.

NO COST TRAINING
FOR ALABAMA COMPANIES

www.alabamaRTP.org

