



**WIRTGEN GROUP**

A JOHN DEERE COMPANY



**WIRTGEN GROUP**



**WIRTGEN AMERICA**

6030 Dana Way · Antioch, TN 37013

Telephone: (615) 501-0600

Fax: (615) 501-0691

 [www.wirtgen-group.com/america](http://www.wirtgen-group.com/america)



CLOSE TO OUR CUSTOMERS

WIRTGEN

/

VÖGELE

/

HAMM

/

KLEEMANN

INTRODUCTION



This is an exciting and dynamic time for the road construction industry, and the demand for highly skilled road construction technicians has never been greater. Wirtgen America is committed to recruiting talented and passionate technicians through the R-BEST program.

The R-BEST program is designed for motivated high school graduates who are interested in pursuing a career in road construction and mineral technologies. Our unique and rigorous training program provides both classroom training and hands-on training in a variety of related subjects.

Wirtgen America is proud to be the industry’s leader in road-building technology, and honored to take the lead in developing the talent to run and maintain complex, mission-critical machines. As a part of John Deere, the future looks brighter than ever, and the opportunities appear endless.

If you’re interested in a career in road building, R-BEST offers an opportunity for paid education and on-the-job training, with a line of employers waiting to put you to work once you complete the program.

The time to pave the way to your future is now, and R-BEST is your best path to your goals.

A stylized, handwritten signature in white ink that reads "Jim McEvoy".

Jim McEvoy  
President & CEO

TABLE OF CONTENTS



<b>ABOUT R-BEST</b>	<b>4</b>	<b>INVESTING IN YOUR SUCCESS: THE R-BEST SPONSORSHIP</b>	<b>10</b>
<b>START LEARNING, START EARNING</b>	<b>5</b>	<b>ELIGIBILITY AND REQUIREMENTS</b>	<b>13</b>
<b>WHAT OUR R-BEST APPRENTICES HAVE TO SAY</b>	<b>6</b>	<b>HOW TO APPLY</b>	<b>13</b>
<b>TAKE A LOOK INSIDE THE CURRICULUM</b>	<b>8</b>	<b>COMPLETION ROAD MAP</b>	<b>14</b>



ON-SITE EXPERIENCE



APPLICATIONS TRAINING / EXPERIENCE



WORKSHOP SERVICE TRAINING / EXPERIENCE



CLASSROOM TRAINING

# ABOUT R-BEST

**The Road Building Equipment Service Technician (R-BEST) program** trains high school graduates to become qualified service technicians, teaching them the skills required to work on heavy construction equipment used in the road building industry. This innovative program provides students with both classroom training and hands-on training in a variety of subjects.

Spanning five semesters, students receive three semesters of training at Chattanooga State Community College and two semesters as a paid intern. Classes at Chattanooga State Community College meet five days a week, which allows students significant hands-on learning opportunities. The R-BEST curriculum is focused on teaching specific skills found in the industrial maintenance technician and diesel technician programs at the college.

A class of approximately five to ten students is selected through a competitive application process for enrollment in the Fall semester. Every year we receive more applications that we can accept, therefore candidates who appreciate the great opportunity this program offers and act with urgency are more likely to be accepted and to succeed.

The combination of rigorous academic training, hands-on lab activities, and the internships in the R-BEST program will help you become a highly trained technician with the ability to work on all aspects of modern road building equipment.



# START LEARNING, START EARNING

R-BEST technicians have a thorough knowledge of road and mineral technologies and can troubleshoot, diagnose, and make equipment repairs in a timely manner. Employment projections show increasing demand for these skills over the next decade. What kind of earnings can you expect as a R-BEST graduate?

Internship Earnings  
**\$15-\$18\***  
*per hour*

\* Based on learned skills and high school grade results

Potential Post-Grad Earnings in  
the Road Construction Industry  
**\$35,000**  
**\$38,500**  
*per year*

Plus Employee benefits (full time)

# WHAT OUR R-BEST INTERNS HAVE TO SAY

If you are ready to invest your time and passion, the Wirtgen Group is ready to invest in you. For recent high school and college graduates, Wirtgen America offers exclusive opportunities to secure a well-paid career in the heavy equipment industry. Read what some of our best and brightest have to say about the program and about their own plans for the future.



*I've been learning new things that I never knew about before, and meeting people with different experiences, but we all share the same goals. This has been a great opportunity for me.*

**-Juan Penate**



*The way they teach the material here is just what I needed to really understand and apply these new skills. The instructors are great, and I love learning these mechanical skills that I can use in my career every day.*

**-Kiri Kinnard**



*Our instructor has been fantastic, he explains complex things in easily understandable ways and is very knowledgeable. I'm learning skills that I can build on, anywhere.*

**-Lucas Steel**



ACADEMIC TIMELINE



TAKE A LOOK INSIDE THE CURRICULUM

FALL TERM- INDUSTRIAL MAINTENANCE PROGRAM

**Topics:**  
Core Curriculum: Introductory Craft Skills, basic safety, mathematics (lab), introduction to hand tools, introduction to power tools, introduction to drawings, basic riggings, basic communication skills, basic employability skills, and introduction to materials handling.

SPRING TERM - ON-THE-JOB TRAINING AT WIRTGEN AMERICA

SUMMER TERM - INDUSTRIAL MAINTENANCE PROGRAM

**Topics:**  
Level Three: layout and installation of tubing and piping systems, machine bending of conduit, hydraulic controls, pneumatic controls and motor operated valves, programmable logic controls, precision measuring tools, installing bearings, installing coupling, setting base plates and pre-alignment, conventional alignment, installing belt and chain drives, and installing mechanical seals.

FALL TERM - ON-THE-JOB TRAINING AT WIRTGEN AMERICA

SPRING TERM - DIESEL MECHANICS PROGRAM

**Topics:**  
Electrical/Electronics: fundamentals of electricity including charging and starting systems, lighting, wiring and warning systems. Voltage, current, amperes, resistance, Ohm's Law, series, parallel series, solenoids, relays, switches, circuit protection, sensors and interpreting wiring diagrams. Perform diagnostic and repair of electrical problems using wiring schematics and test equipment.

# INVESTING IN YOUR SUCCESS: THE R-BEST SPONSORSHIP

With training this incredible, your future is practically guaranteed. Take a look at the generous support you could receive as an R-BEST student: More than \$45,000 in education and training at no cost to you. And, while R-BEST students attend classes at Chattanooga State, Wirtgen America provides fully furnished housing nearby as an added benefit. Students can enjoy a complete kitchen, wireless internet, housekeeping, and laundry facilities. We've made it easy to succeed with R-BEST.

- Internship pay for 35-39 weeks
- Allowance for uniforms, books
- Start-up tool set
- Housing for 41.5 weeks near Chattanooga State campus

**Over \$45,000 Value**

Year 1 - FALL	Over \$15,000
Year 2 - SPRING / SUMMER / FALL	Over \$25,000
Year 3 - SPRING	Over \$ 10,000

**TOTAL:** Over \$50,000





### LOOK INSIDE THE PARTICIPANT'S TOOLKIT

When they join the program, each student receives their own complete BOSS toolkit to help them tackle every assignment with ease.

## ELIGIBILITY AND REQUIREMENTS

- > High School diploma or GED/HiSET
- > College level reading and math skills (ACT score of 17 or more)
- > Drug test
- > Eligibility for the Wilder-Naifeh technical skills grant
- > Ability to perform essential functions of the position with or without reasonable accommodations
- > Ability to clearly distinguish between colors
- > Interview with the selection committee
- > Commitment to complete 5-semester program

## HOW TO APPLY

1. Submit a Chattanooga State admissions application to the Student Services Department at [www.chattanoogaastate.edu/admissions](http://www.chattanoogaastate.edu/admissions).
2. Request your official transcripts (high school and/or college) be sent to Records Office at Chattanooga State and the Dean of the Tennessee College of Applied Technology Division.
3. Provide proof of MMR immunization before enrollment.
4. Submit an R-BEST application to the Dean of the Tennessee College of Applied Technology Division (TCAT room 14).
5. Apply for the Wilder-Naifeh Technical Skills Grant via the Tennessee Lottery Scholarship for Tennessee Residents.
6. Take the Admissions Test (if your ACT score is lower than 17).
7. Interview with the sponsoring dealer or Wirtgen America committee:
  - a. Provide your resume
  - b. Provide two letters of recommendation
  - c. Provide your completed Wirtgen America application
8. Complete drug testing.
9. See an Academic Advisor in the TCAT Division and register for class.
10. Complete the registration process by paying tuition and fees and confirming registration.

COMPLETION ROAD MAP

OCTOBER-NOVEMBER

Apply for Admission  
Apply for W-N Grant  
Take Admissions Test

DECEMBER

Interview with  
Admissions Committee

JANUARY-FEBRUARY

Drug Testing

MARCH-APRIL

See Academic Advisor

MAY

Pay Tuition and Fees  
Confirm Registration

