

The Benefits of Simulations and Virtual Reality in CTE Programs

Benefits for Students

- ✓ Students gain confidence and skills before working on real equipment
- ✓ Life-like troubleshooting promotes critical thinking
- ✓ Safe, structured environment to make mistakes
- ✓ Students receive real-time feedback as they practice in virtual environments
- ✓ Competitive and game-like for increased engagement

Benefits for Teachers

- ✓ Auto-graded assessments pinpoint struggling students earlier
- ✓ Pre-built curriculum from experts that Interplay helps map to your standards
- ✓ Higher student engagement via game-like, online activities
- ✓ Flexibility to create custom learning paths from Interplay content
- ✓ Implementation and onboarding support

Benefits for Schools

- ✓ Reduced equipment and material costs
- ✓ Access to a broad range of equipment and learning scenarios
- ✓ Potential increase in class participation due to greater flexibility
- ✓ Space savings
- ✓ Preparedness for any teaching scenario – remote or hybrid
- ✓ Reduced safety risks due to students practicing in virtual environments first

Results From Schools Using Interplay

"[Interplay] brings our insurance down to about 60%. because students know how to work on electrical, plumbing, and HVAC without actually coming to our office and working on live stuff without any knowledge."

John Chapman,
CEO JASA Inc.

"[Interplay is] allowing us to create custom learning paths to meet the needs of our students, and they love it because it's presented in a format they want to use."

David Day,
Innovation Center Director
at Pryor High School

"100% of my students are graduating ICTC with at least one industry-recognized certification. Since I've been here and using Interplay, I've seen the scores on their students NOCTI test increase over the time frame."

DJ Mumau,
HVAC Instructor, Indiana
County Technology Center

"When students show up to local employers with three community college certificates, NATE, the State EPA certification, and a portfolio of about 34 Interplay HVAC certificates, the employer says to us, 'We need more of these people.'"

Carlos Cotto,
Director Centro Educativo
Latino at Lenoir Community
College