

## Why Career Exploration in VR?

### Jumpstart Career Awareness with Cutting-Edge VR

Today's students need hands-on experiences to connect education to real-world careers. MIMBUS Discover empowers learners with short, immersive simulations that explore 16 trades across multiple sectors—risk-free and fully engaging.

- Safe, guided, and intuitive VR experiences
- Accessible for K-12, CTE, workforce boards, and job fairs
- Encourages skill discovery and hidden talent recognition

## An immersive, turnkey VR solution for career discover, training & recruitment.

### *Everything You Need to Get Started—Preconfigured and Ready to Go*

Each MIMBUS Discover bundle includes hardware, software, and support for easy implementation.

- Headset bundle with tablet and flight case
- **ArborXR MDM:** cloud-based fleet management
- **Vulcan LMS:** real-time student performance tracking
- **Mimbus Bridge:** Classroom control and screen sharing
- **16+ Career Scenarios** across Industrial, Construction, Automotive, Agrifood, Scientific, and Personal Services sectors.



### Empower Exploration. Enable Assessment.

- Immersive Job Discovery: Real-world environments promote deeper understanding and engagement
- Skill Evaluation: Assess core capabilities like precision, process-following, and safety awareness
- Boost Engagement: Self-paced instructor training improves teaching with VR
  - Flexible Delivery: Use in classrooms, job fairs, mobile labs, or recruitment centers

### Teach with Confidence.

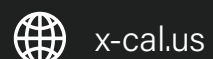
Get up to speed with our VR teaching training program. Designed by PhDs, this online course prepares instructors to manage classrooms, align training with standards, and ensure student success in VR environments.

### One Solution. Endless Applications.

- Career Guidance Centers
- CTE Classrooms
- Job Fairs & Outreach Events
- Workforce Development Agencies
- High School Career Days

## Ready to Equip the Next Generation?

Contact us to learn how MIMBUS Discover can become a cornerstone of your career exploration program.



x-cal.us



1-800-445-1088

# Explore Careers in Virtual Reality with MIMBUS Discover

Explore 16+ trades across six industries with short, immersive VR modules. Each scenario lasts 2–9 minutes and includes skills tracking, real-time feedback, and industry-relevant tools.

## INDUSTRIAL JOBS

### Industrial Technician / 5 min

User performs sensor cleaning and greasing on a production line, testing observation skills and efficiency under time pressure.

- Understanding procedures
- Maintenance of industrial machinery
- Working under time pressure
- Stress management

### Logistics / 8 min

User receives, scans, sorts, and packs parcels while navigating a warehouse using signage.

### HVAC/R Technician / 2.15 min

User performs leak and vacuum tests after replacing a solenoid valve, using tools like a nitrogen cylinder, gauges, spray, and vacuum pump to validate system integrity.

- Understanding processes
- Maintenance of industrial machinery
- Leak detection
- Understanding vacuum pumps

## CONSTRUCTION

### Siding / 3.30 min

User navigates scaffolding on a construction site to install and secure siding panels on a building façade.

- Working at height - vertigo
- Access to and use of scaffolding
- Wall fixing procedures

### Electrician / 4.50 min

User safely replaces a 220V socket and wall lamp bulb, then tests the installation while following proper PPE and safety procedures.

- Electrical concept
- HSE processes
- Working safely
- Application of procedures

### Exterior Insulation / 8.50 min

User installs rails, polystyrene insulation, reinforcing fabric, and finishing plaster on a building façade.

- Working at height - vertigo

- Understanding procedures
- Spraying a surface
- Leveling a surface

### Worksite Safety Inspection / 4 min

User explores a construction site to identify hazards, with fatal errors triggered by unsafe proximity to danger zones.

- HSE processes
- Understanding the environment
- Working safely
- Spatial orientation

### Surveyor / 7 min

This scenario introduces the surveying profession through hands-on use of a scanner and tablet to perform a 3D scan, reconstruct a plan, and identify errors in the layout.

- 3D reconstruction of a building
- Understanding procedures
- Detecting errors in a calculation
- Spatial orientation
- Identifying and combining elements

### Plumbing / 5.40 min

Guided by a plan, the user installs an under-sink cabinet and basin, then connects to cold, hot, and wastewater networks during a bathroom renovation.

- Spatial orientation
- Measurements and calculations
- Understanding and reading plans
- Understanding processes
- Assembling furniture

### Carpentry / 7 min

Using a bandsaw and a predefined plan, the user performs straight and contour cuts while following strict safety protocols.

- Safe use of a machine tool
- Plan reading
- Precision of movement
- Material optimization

## AUTOMOTIVE JOBS

### Automotive Technician / 4.50 min

User navigates scaffolding on a

construction site to install and secure siding panels on a building façade.

- Understanding the environment
- HSE processes
- Cleaning and environmental protection
- Understanding of procedures
- Understanding of mechanical tools

## PERSONAL SERVICES

### Home Healthcare / 5 min

Supports an elderly person with housekeeping, meal prep, and communication, focusing on time management and interpersonal skills.

- Communicating with others
- Safety at home
- Working under time pressure
- Understanding orders

### Cleaning / 7 min

In a school setting, the user cleans multiple areas using proper tools and selects appropriate cleaning products for each surface.

- Understanding procedures
- Reading and understanding labels on bottles

## SCIENTIFIC JOBS

### Chemistry / 4.5 min

In a chemistry lab, the user practices PPE use, weighing, and distillation while learning safe handling techniques and risk prevention.

- HSE processes
- Understanding the environment
- Understanding procedures
- Working in the field of safety

## AGRIFOOD JOBS

### Poultry / 4 min

Inside an abattoir, the user follows on-screen instructions to sharpen a knife, cut chicken parts, and sort them according to proper procedures.

- Understanding procedures
- Checking knife sharpening
- Understanding poultry anatomy
- Food quality control