



Construction Technologist

The construction industry is stepping up industrialization and employing technology to improve the building process. Today's planning, documenting, and building design processes are drastically different from years ago. Construction trends focus on means and methods to build infrastructure more efficiently, economically, and safely. Technology has made it possible to do just that! Technology careers will be essential in the way companies improve project coordination, productivity, and accuracy in the field and in the office.

Construction Technologists play a huge role on project teams, helping businesses thrive on a whole new scale. Companies use virtual design construction (VDC), reality-capture, and drone site layouts to improve the design and project management process. Projects are completed safer, smarter, and more efficiently by leveraging data and using technology to gather information in real-time. Construction technologist career opportunities are more than just 3D-Models and drones. Technology innovations are changing the industry and the tools we see in the field. Phones, tablets, virtual reality, and augmented reality are all part of a new digital toolbelt. Capturing data is critical to that process. Construction technologists are at the front line on projects and in construction offices. Their importance to all project-workflow processes is sure to become even more prevalent.

ConTech in the Field

- What Is a Construction Technologist? [Video](#)
- Construction Technologist: Revolutionizing the Industry [Video](#)
- Construction Technologist: Career Path [Video](#)
- Construction Technologist: Diversification of Work [Video](#)

ConTech Careers

- 3D Modeler
- AR Safety Manager
- AV Specialist
- Building Information Modeler (BIM)
- Chief Innovation Officer
- Construction Logistics Manager
- Construction Technologist
- Controls Technician
- Digital Construction Professional
- Digital Layout Specialist
- Digital Power Tech
- Drone Specialist
- Energy Auditor
- Facility Manager
- Field Engineer
- Ground Penetrating Radar (GPR) Specialist
- Implementation & Adoption Manager
- Industrialized Construction Manager
- Logistics Specialist
- Low Voltage Tech
- MEP Coordinator
- Procurement Specialist
- Productivity Manager
- Project Data Specialist
- Project Estimator
- Reality Capture Specialist
- Safety Manager
- Security Specialist
- System Integrator
- Technology Manager
- Virtual Design Construction (VDC) Manager

ConTech Careers Aptitude and Skills

- Technical Knowledge
- Problem Solving
- Abstract Reasoning
- Verbal Ability
- Analytical Ability
- Attention to Detail
- Numerical Ability
- Data Analysis
- Some Field Knowledge

For more information, contact

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