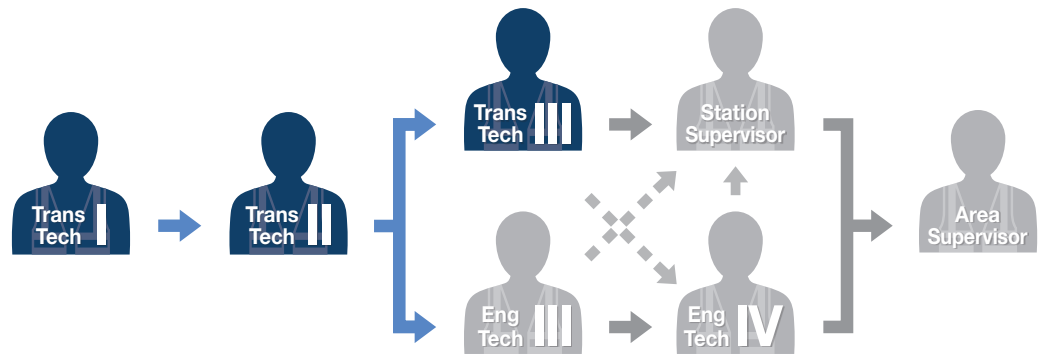


# UDOT Transportation Technician Education Program Career Path

The Transportation Technician Education Program (TEP) is a specialized career development program to help technicians improve their knowledge, skills and abilities and to define how they can advance their career within UDOT.

TEP is a combination of online courses instructor-led training and can be completed at each employee's own pace. A pay increase is associated with each completed training phase.

## Build your career with training/certification



\* Instructor-led training

## Transportation Technician I TRAINING

<p><b>Phase I</b></p> <p><i>Completed within 6 MONTHS (mandatory)</i></p> <ul style="list-style-type: none"> <li>▪ New Employee Orientation*</li> <li>▪ CDL Licensing</li> <li>▪ TEP Academy*</li> <li>▪ Equipment 1 &amp; 2</li> <li>▪ Survey Concepts</li> <li>▪ Roadway Materials</li> <li>▪ Introduction to Drainage</li> <li>▪ Introduction to Google Apps</li> <li>▪ On-the-Job (OJT) Training                     <ul style="list-style-type: none"> <li>» Equipment / Frequent Tasks</li> </ul> </li> </ul> <p><i>Upon completion, 6 months on the job with supervisor &amp; trainer approval</i></p> <p><b>3% PAY INCREASE</b></p>	<p><b>Phase II</b></p> <p><i>Assigned after 6 MONTHS</i></p> <p><b>Required: Phase I completion</b></p> <ul style="list-style-type: none"> <li>▪ Introduction to Structures</li> <li>▪ Plan Reading</li> <li>▪ Introduction to Inspection &amp; Documentation</li> <li>▪ Introduction to Materials Testing</li> <li>▪ TC3 - Basic Materials for Highway &amp; Structure Construction</li> <li>▪ TC3 - Aggregate Sampling Basics</li> <li>▪ TC3 - Reducing Aggregate Samples</li> <li>▪ Environmental Control Supervisor Cert</li> <li>▪ Math / English</li> <li>▪ OJT Frequent Tasks / Equipment</li> </ul> <p><i>Upon completion, 12 months on the job with supervisor &amp; trainer approval</i></p> <p><b>3% PAY INCREASE</b></p>	<p><b>Phase III</b></p> <p><i>Assigned after 12 MONTHS</i></p> <p><b>Required: Phase II completion</b></p> <ul style="list-style-type: none"> <li>▪ Daily Progress Report</li> <li>▪ Inspection &amp; Documentation                     <ul style="list-style-type: none"> <li>» Drainage 1 &amp; 2</li> </ul> </li> <li>▪ TC3 - Understanding Materials Testing for Inspectors</li> <li>▪ Introduction Concepts for Materials Testing</li> <li>▪ Hazmat Radiation Safety Training</li> <li>▪ Basics of Materials MOI</li> <li>▪ Basics of Minimum Sampling &amp; Testing MSTR</li> <li>▪ Math / English</li> <li>▪ Beginning MS Word / Excel</li> <li>▪ OJT Frequent Tasks / Equipment</li> </ul> <p><i>Upon completion, 18 months on the job with supervisor &amp; trainer approval</i></p> <p><b>6% PAY INCREASE</b></p>
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## Transportation Technician II TRAINING – Assigned after 18 MONTHS

**Required: Phase III completion and Successful Peer Review**

<ul style="list-style-type: none"> <li>▪ Getting ready for Materials Materials Certification TTQP</li> <li>▪ TTQP Training                     <ul style="list-style-type: none"> <li>» CTT</li> <li>» SRDTT</li> </ul> </li> <li>▪ CEMT Workshop / Coursework</li> <li>▪ ADA Ped Ramp*</li> <li>▪ Crash Cushion*</li> </ul>	<ul style="list-style-type: none"> <li>▪ Partnering 1 &amp; 2*</li> <li>▪ Inspection &amp; Documentation                     <ul style="list-style-type: none"> <li>» Traffic Control</li> <li>» Fencing &amp; Landscaping</li> <li>» Striping &amp; Signing</li> <li>» Demolition &amp; Earthwork</li> <li>» Pavement &amp; Materials</li> <li>» Structures</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>▪ Math / English</li> <li>▪ Intermediate MS Word / Excel</li> <li>▪ Beginning MS PowerPoint</li> <li>▪ Google Apps 2</li> <li>▪ OJT » Crack Seal, Chip Seal, Striping, Signing, Safety Features, Landscape, Fencing, Guard Rail and Barrier End Treatments</li> </ul>
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**Obtain the following certs and maintain them as necessary:** † As required by Region need

- » Concrete (air, slump, cylinders) TTQP †
- » Sampling Reduction Density TTQP †
- » Traffic Control and Flagging
- » ADA Ped Access Ramp
- » Crash Cushion

*Upon completion, with region peer review board approval*

**4% PAY INCREASE**

## Transportation Technician III QUALIFICATION TRAINING

**Specialty TRACKS**  
Training / OJT in the following specialty areas:

<p><b>MAINTENANCE</b></p> <ul style="list-style-type: none"> <li>» Leadership &amp; Mentoring</li> <li>» Advanced Computer Skills</li> <li>» Budget Planning</li> <li>» Maintenance Planning System</li> <li>» Landscape / Weed Control</li> <li>» Estimate Maintenance Jobs/ Finalize Work Contracts</li> <li>» All aspects of Shed Supervision</li> <li>» Advanced Scheduling HMA Placement</li> <li>» Advanced Traffic Control Equipment</li> <li>» Crash Cushion</li> </ul>	<p><b>SPECIALTY CREW</b></p> <ul style="list-style-type: none"> <li>» Leadership &amp; Mentoring</li> <li>» Budget Planning</li> <li>» Advanced Computer Skills</li> </ul> <p><b>+ TWO of the following:</b></p> <ul style="list-style-type: none"> <li>» Chip Seal</li> <li>» Sign and Guard Rail</li> <li>» Signal</li> <li>» Landscape</li> <li>» Paving</li> <li>» Avalanche</li> <li>» Paint</li> </ul>	<p><b>MATERIALS LAB</b></p> <ul style="list-style-type: none"> <li>» Leadership &amp; Mentoring</li> <li>» Embankment (EbTT)</li> <li>» Aggregate Plus (AgTT Plus)</li> <li>» Asphalt (AsPT)</li> <li>» TC3 - T309 Theo. Max. Specific Gravity of HMA</li> <li>» TC3 - T308 Determining Asphalt Binder content of HMA – Ignition Method</li> <li>» TC3 - T312 Determining Density of HMA – Gyrotory Method</li> <li>» TC3 - Cold in-Place Recycling</li> <li>» TC3 - Self Consolidating Concrete</li> <li>» TC3 - Basics of Cement Hydration</li> <li>» Advanced PCCP, HMA, SMA, Micro, Chip</li> <li>» Troxler Nuclear Gauge</li> <li>» TC3 - Critical Path Method</li> <li>» Project Closeout</li> <li>» All Certs necessary for lab tests</li> <li>» CEMT Workshop/Coursework</li> </ul>	<p><b>INSPECTOR</b></p> <ul style="list-style-type: none"> <li>» Leadership</li> <li>» Manage/Lead O/P books</li> <li>» Materials Documentation</li> <li>» MasterWorks</li> <li>» Scheduling and Job Closeout / Completion</li> <li>» 3D Modeling</li> <li>» CEMT Workshop</li> <li>» CEMT Coursework</li> <li>» Adv. Structures</li> <li>» Adv. Signals, Lighting, ATMS</li> <li>» Utility and Railroad</li> <li>» ADA Ped Ramp</li> <li>» Crash Cushion</li> <li>» Environmental Control Supervisor Cert</li> </ul>	<p><b>PROJECT ADMINISTRATION</b></p> <ul style="list-style-type: none"> <li>» Leadership &amp; Mentoring</li> <li>» Payment</li> <li>» MasterWorks</li> <li>» Advanced DBE</li> <li>» Civil Rights</li> <li>» Accounting</li> <li>» Core Curriculum</li> <li>» Project Closeout</li> <li>» CEMT Workshop</li> <li>» CEMT Coursework</li> <li>» Documentation</li> <li>» Plan Reading</li> </ul>
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*Upon completion of one track, with region peer review board approval*

**6% PAY INCREASE**

When selected for a TransTech III Position **8% PAY INCREASE**