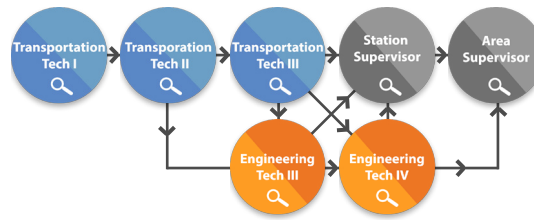


UDOT Transportation Technician Education / Career Path



TRANSPORTATION TECHNICIAN I TRAINING

0-6 Months

- New Employee Orientation
- CDL Licensing
- TEP Academy
- Equipment 1 & 2
- Survey Concepts
- Roadway Materials
- Introduction to Drainage
- Introduction to Google Apps
- On-the-Job (OJT) Training
 - Equipment
 - Frequent Tasks

3% Pay Increase
*Pending supervisor and trainer approval

6-12 Months

- Introduction to Structures
- Plan Reading
- Introduction to Inspection & Documentation
- Introduction to Materials Testing
- TC3 - Basic Materials for Highway & Structure Construction
- TC3 - Aggregate Sampling Basics
- TC3 - Reducing Aggregate Samples
- Environmental Control Supervisor Cert
- Math
- English
- OJT Frequent Tasks/Equipment

3% Pay Increase
*Pending supervisor and trainer approval

12-18 Months

- Daily Progress Report
- Inspection & Documentation
 - Drainage 1 & 2
- TC3 - Understanding Materials Testing for Inspectors
- Introduction Concepts for Materials Testing
- Hazmat Radiation Safety Training
- Basics of Materials MOI
- Basics of Minimum Sampling & Testing MSTR
- Math
- English
- MS Word I
- MS Excel I
- OJT Frequent Tasks/Equipment

6% Pay Increase
*Pending region peer review board

TRANSPORTATION TECHNICIAN II TRAINING

18-48 Months

- Getting ready for Materials Certification TTQP
- TTQP Training
 - CTT
 - SRDTT
- Inspection & Documentation
 - Traffic Control
 - Fencing & Landscaping
 - Striping & Signing
 - Demolition & Earthwork
 - Pavement & Materials
 - Structures

- CEMENT Workshop
- CEMENT Coursework
- ADA Ped Ramp
- Crash Cushion
- Partnering 1 & 2
- Math
- English
- MS Word 2
- MS Excel 2
- MS Powerpoint 1
- Google Apps 2

4% Pay Increase
*Pending region peer review board

- OJT - Crack Seal, Chip Seal, Striping, Signing, Safety Features, Landscape, Fencing, Guard Rail and Barrier End Treatments
- Obtain all listed certs and maintain certs as necessary:
 - Concrete (air, slump, cylinders) TTQP (As required by Region need)
 - Sampling Reduction Density-TTQP (As required by Region need)
 - Traffic Control and Flagging
 - ADA Ped Access Ramp
 - Crash Cushion

TRANSPORTATION TECHNICIAN III Specialty

Complete One

6% Pay Increase
*Pending region peer review board

Requirements to become Trans Tech III qualified

MAINTENANCE

- Training / OJT in the following subject areas:
- Leadership
 - Advanced Computer Skills
 - Budget Planning
 - Maintenance Planning System
 - Landscape / Weed Control
 - Estimate Maintenance Jobs / Finalize Work Contracts
 - All aspects of Shed Supervision
 - Advanced Scheduling HMA Placement
 - Advanced Traffic Control Equipment
 - Crash Cushion
 - Mentoring

MATERIALS LAB

- Training / OJT in the following subject areas:
- Leadership
 - Embankment (EbTT)
 - Aggregate Plus (AgTT Plus)
 - Asphalt (AsPT)
 - TC3 - T309 Theo. Max. Specific Gravity of HMA
 - TC3 - T308 Determining Asphalt Binder content of HMA – Ignition Method
 - TC3 - T312 Determining Density of HMA – Gyrotory Method
 - TC3 - Cold in-Place Recycling
 - TC3 - Self Consolidating Concrete
 - TC3 - Basics of Cement Hydration
 - Advanced PCCP, HMA, SMA, Micro, Chip
 - Troxler Nuclear Gauge
 - TC3 - Critical Path Method
 - Project Closeout
 - All Certs necessary for lab tests
 - CEMENT Workshop/Coursework
 - Mentoring

SPECIALTY CREW

- Training / OJT in the following subject areas:
- Leadership
 - Budget Planning
 - Advanced Computer Skills
- TWO** of the following:
- Chip Seal
 - Sign and Guard Rail
 - Signal
 - Landscape
 - Paving
 - Avalanche
 - Paint
 - Mentoring

INSPECTOR

- Training / OJT in the following subject areas:
- Leadership
 - Manage/Lead O/P books
 - Materials Documentation
 - MasterWorks
 - Scheduling and Job Closeout / Completion
 - 3D Modeling
 - CEMENT Workshop
 - CEMENT Coursework
 - Adv. Structures
 - Adv. Signals, Lighting, ATMS
 - Utility and Railroad
 - ADA Ped Ramp
 - Crash Cushion
 - Environmental Control Supervisor Cert

PROJECT ADMINISTRATION

- Leadership
- Payment
- MasterWorks
- Advanced DBE
- Civil Rights
- Accounting
- Core Curriculum
- Project Closeout
- CEMENT Workshop
- CEMENT Coursework
- Documentation
- Plan Reading
- Mentoring

TRANSPORTATION TECHNICIAN III

Selected for Position

8% Pay Increase
*When selected for Trans Tech III Position