

Online Training on Your Time

TxDOT offers hundreds of eLearning courses within the PeopleSoft system. Below is a current listing of courses recommended for professional development. Visit the [Training & Development portal](#) to enroll in a class today!

CONSTRUCTION

Course Code	Course Title	PDHs
TCC101	Improving the Daily Diary (1 hour)	*
TCC102	GPS Technology	1
TCC104	HMA Paving Field Inspection	4.5
TCC106	Basic Construction Surveying	3
TCC108	Plan Reading: Highway Plan Reading Basics (1 hour)	*
TCC109	Plan Reading: Grading Plans	1.5
TCC110	Plan Reading: Traffic Control Plans	0.5
TCC111	Plan Reading: Erosion and Sediment Control Plans	0.5
TCC112	Plan Reading: Right-of-Way Plans	1
TCC113	Plan Reading: County Plans	1
TCC114	Plan Reading: Bridge Plans	1.5
TCC115	Plan Reading: Culvert Plans	1.5
TCC116	Roller Compacted Concrete Pavements	6
TCC117	Pipe Installation, Inspection, and Quality	7
TCC118	Change Orders, Claims, and Dispute Resolutions	1
TCC120	Earthwork Series: Earth Materials as Engineering Materials	1.5
TCC121	Earthwork Series: Site Preparation	1.5
TCC122	Earthwork Series: Grades and Grading	3
TCC123	Earthwork Series: Excavation	3
TCC124	Earthwork Series: Fill Placement	4
TCC126	Construction of Mechanically Stabilized Earth (MSE) Walls	5
TCC127	Pile Driving Inspector Tutorial	4
TCC128	Drilled Shaft Inspector Tutorial	4
TCC131	Portland Cement Concrete Paving Inspection	5
TCC175	Bolted Connections	5
TCC176	Construction of PCC Pavements Series: Production	2.5
TCC177	Construction of PCC Pavements Series: Paving Process	2.5
TCC178	Construction of PCC Pavements Series: Curing, Sawing, and Joint Sealing	1
TCC179	Rockfall Stabilization	2.5
TCC204	3D Engineered Models for Construction Series: Introduction to 3D Engineered Models for Highway Transportation	2
TCC205	3D Engineered Models for Construction Series: Surveying and 3D Engineered Models	2
TCC206	3D Engineered Models for Construction Series: 3D Engineered Models in Highway Design	2
TCC207	3D Engineered Models for Construction Series: Applications of 3D Engineered Models in Highway Construction & Quality Assurance	2
TCC208	Construction Stormwater Field Guide Training	4
TCC209	Guardrails Series: Guardrail Basics	2
TCC210	Introduction to E-Construction	2
TCC212	Guardrails Series: Maintenance and Repair	1.5
TCC215	Guardrail Series: Installation and Inspection of New Guardrails	2.5

CONSTRUCTION (continued)

Course Code	Course Title	PDHs
TCC216	Best Practices for High Friction Surface Treatments	3
TCC217	Critical Path Method (CPM) Scheduling	2
TCC218	Construction Inspection of Structure Series - Subsurface	4.5
TCC219	Construction Inspection of Structure Series - Substructures	3
TCC221	Construction Inspection of Structure Series - Rehab and Maintenance	5
TCC222	Construction Inspection of Structure Series - Superstructures	6
TCC223	Managing Critical Path Method (CPM) Schedules	3
TCC285	Construction Safety: Electrical Safety	0.5
TCC290	Construction Safety: Scaffolding Safety	0.5
TCC291	Construction Safety: Fall Protection	1
TCC298	Construction Safety - Material and Personnel Hoists	1
TCC299	Construction Safety - Earthmoving Equipment & Motor Vehicles	0.5
TCC300	Construction Safety - Excavating and Trenching	0.5
TCC301	Construction Safety - Barges	0.5
TCC302	Construction Safety - Demolition of Structures	1
TCC303	Construction Safety - Crane Safety	0.5
TCC304	Construction Safety - Concrete and Masonry Construction	1
TCC305	Construction Safety - Working Safely in Work Zones	1
TCC306	Construction Safety - Confined Spaces	1
TCC307	Construction Safety - Hazardous Materials	1
TCC308	Installation and Inspection of Precast Pavement Systems	2.5

EMPLOYEE DEVELOPMENT

Course Code	Course Title	PDHs
TCC100	Math Module (6 hours)	*
TCC103	Transportation Asset Management Overview	2
TCC281	QA: Introduction to Quality Assurance Programs	1
TCC282	QA: Introduction to Quality Assurance Specifications	1
TCC283	QA: Introduction to Variability	0.5
TCC284	QA: Collecting Data Through Sampling	1
TCC289	QA: Frequency Tables and Histograms	0.5
TCC292	Introduction to GIS Mapping	2
TCC310	Quality Assurance Concepts	1

* This course is not recommended for PDHs.

MATERIALS

Course Code	Course Title	PDHs
TCC107	Basic Materials for Highway and Structure Construction	3
TCC119	Superpave Mix Design Process and Analysis	2
TCC129	Testing Self-Consolidating Concrete	1
TCC130	Advanced Self-Consolidating Concrete	1.5
TCC145	AASHTO Designation: T 308	2
TCC146	Materials Testing: Reducing Aggregate Samples (1 hour)	*
TCC147	Aggregate Sampling Basics (1 hour)	*
TCC153	Concrete Series: Design of Pavement	1
TCC154	Concrete Series: Hardened Concrete Properties - Durability	2
TCC155	Concrete Series: Fundamentals of Materials Used for Concrete Pavements	1
TCC156	Concrete Series: Incompatibility in Concrete Pavement Systems	1
TCC157	Concrete Series: Mix Design Principles	1
TCC158	Concrete Series: Early Age Cracking	1
TCC159	Concrete Series: Basics of Cement Hydration	1
TCC160	Concrete Series: Fresh Properties	1
TCC161	Concrete Series: Construction of Concrete Pavements	1
TCC162	Concrete Series: QCQA for Concrete Pavements	1
TCC163	Concrete Series: Troubleshooting for Concrete Pavements	1
TCC191	Fundamentals of Geosynthetic Materials	4
TCC192	AASHTO Designation: T 312	2
TCC214	Understanding Materials Testing for Inspectors	5
TCC231	HMMS: Introduction to the Initial Site Assessment (ISA) Process	1
TCC232	Hazardous Materials Management Series: Regulatory and Legal Issues	1
TCC233	Hazardous Materials Management Series: Defining Site Assessments	0.5
TCC234	Hazardous Materials Management Series: Completing the Initial Site Assessment (ISA) Report Scoping Process	1
TCC235	Hazardous Materials Management Series: Land Use Concerns	2
TCC236	Hazardous Materials Management Series: Using Regulatory Agency Databases	1
TCC237	Hazardous Materials Management Series: Conducting Field Interviews	1
TCC238	Hazardous Materials Management Series: Preparing NEPA Documentation	2
TCC239	Hazardous Materials Management Series: Preparing Recommendation and Action Plans	1
TCC277	AASHTO Designation: R 60	0.5
TCC278	AASHTO Designation: T 309	0.5
TCC279	AASHTO Designation: T 119	0.5
TCC280	AASHTO Designation: T 121	1
TCC286	Basics of Concrete	0.5
TCC287	AASHTO Designation: T 152	1
TCC288	AASHTO Designation: T 23	0.5
TCC293	AASHTO Designation R 47	1
TCC294	AASHTO Designation R 66	0.5
TCC295	AASHTO Designation T 168	0.5
TCC296	AASHTO Designation T 310	0.5
TCC297	AASHTO Designation T 355	0.5
TCC309	Cold Weather Concreting	0.5
TCC311	Random Sampling of Construction Materials	1.5

ENVIRONMENTAL

Course Code	Course Title	PDHs
TCC240	NEPA Indirect and Cumulative Impact Analysis	2
TCC241	NEPA Overview - Determining Transportation Needs	1
TCC242	NEPA Overview - Evaluating Sub-Regional and Local Transportation Needs	1
TCC243	NEPA Overview - Launching a Project	1
TCC244	NEPA Overview - Refining Alternatives	0.5
TCC245	NEPA Overview - Preparing and Reviewing NEPA Documents	0.5
TCC247	Environmental Predecessor Series - Air Quality	1
TCC248	Environmental Predecessor Series - Archaeology	1
TCC249	Environmental Predecessor Series - Community Impact Assessment	0.5
TCC250	Environmental Predecessor Series - Noise	1
TCC253	Environmental Triggers: Air Quality	0.5
TCC254	Environmental Triggers Series: Archaeological	0.5
TCC255	Environmental Triggers: Biological Resources	0.5
TCC256	Environmental Triggers Series: Community Impacts	1
TCC257	Environmental Triggers Series: Hazardous Materials	1
TCC258	Environmental Triggers Series: Noise Assessment	0.5
TCC259	Environmental Triggers Series: Water Resources	1

PAVEMENT PRESERVATION

Course Code	Course Title	PDHs
TCC105	Full Depth Reclamation	4.5
TCC125	Hot In-Place Recycling	2.5
TCC148	Chip Seal Best Practices	3
TCC193	Flexible Pavement Preservation Treatment Series: Introduction to Pavement Preservation	1
TCC194	Flexible Pavement Preservation Treatment Series: Materials	2
TCC195	Flexible Pavement Preservation Treatment Series: Crack Sealing and Fillings	1.25
TCC196	Flexible Pavement Preservation Treatment Series: Localized Pavement Repairs	1.25
TCC197	Flexible Pavement Preservation Treatment Series: Chip Seals	1.5
TCC198	Flexible Pavement Preservation Treatment Series: Fog Seals	1
TCC199	Flexible Pavement Preservation Treatment Series: Slurry Seals	1.25
TCC200	Flexible Pavement Preservation Treatment Series: Micro-Surfacing	1
TCC201	Flexible Pavement Preservation Treatment Series: Thin Functional HMA Overlay	2
TCC202	Flexible Pavement Preservation Treatment Series: Ultra Thin HMA Bonded Wearing	1
TCC203	Flexible Pavement Preservation Treatment Series: Selecting the Right Treatment	0.5

* This course is not recommended for PDHs.

MAINTENANCE

Course Code	Course Title	PDHs
TCC132	PCC Pavement Preservation Series: Preventive Maintenance and Pavement Preservation Concepts	1
TCC133	PCC Pavement Preservation Series: Concrete Pavement Evaluation	2
TCC134	PCC Pavement Preservation Series: Slab Stabilization and Slab Jacking	1
TCC135	PCC Pavement Preservation Series: Partial-Depth Repairs	1
TCC136	PCC Pavement Preservation Series: Full-Depth Repairs	2
TCC137	PCC Pavement Preservation Series: Retrofitted Edge Drains	1
TCC138	PCC Pavement Preservation Series: Dowel Bar Retrofit, Cross Stitching, and Slot Stitching	1
TCC139	PCC Pavement Preservation Series: Diamond Grinding and Grooving	1
TCC140	PCC Pavement Preservation Series: Joint Resealing and Crack Sealing	1
TCC141	PCC Pavement Preservation Series: Strategy Selection	1
TCC142	PCC Pavement Preservation Series: Concrete Overlays	2
TCC144	Recognizing Roadside Weeds (1 hour)	*
TCC180	Maintenance Training Series: Pavement Preservation Program	1
TCC181	Maintenance Training Series: Shaping and Shoulders	1.5
TCC182	Maintenance Training Series: Thin HMA Overlays and Leveling	1.5
TCC183	Maintenance Training Series: Base and Subbase Stabilization and Repair	1
TCC184	Maintenance Training Series: Roadway Drainage	1
TCC185	Maintenance Training Series: Outdoor Advertising and Litter Control	1
TCC186	Maintenance Training Series: Roadside Vegetation Management	1
TCC187	Maintenance Training Series: Weather-Related Operations	1
TCC188	Maintenance Training Series: Basics of Work Zone Traffic Control	1
TCC189	Maintenance Training Series: Underground Storage Tanks	1
TCC190	Maintenance Training Series: Cultural and Historic Preservation	1
TCC211	Maintenance Stormwater Field Guide Training	3
TCC213	Trenchless Technology	4.5
TCC220	Preventative Maintenance Concepts for State Fleet Operations	3.5
TCC251	Fundamentals of Revegetation During Construction	1.5

TRAFFIC AND SAFETY

Course Code	Course Title	PDHs
TCC149	Safety Orientation	2
TCC150	Safety Use of Hand and Power Operated Tools (1 hour)	*
TCC151	Safe Use of Basic Carpentry Tools (3 hours)	*
TCC152	PPE (Personal Protective Equipment)	1
TCC164	CDL General Knowledge (3 hours)	*
TCC165	CDL Air Brakes (1.5 hours)	*
TCC166	CDL Pre-Trip Inspection (2 hours)	*
TCC167	High Visibility Garments	1
TCC168	Maintenance of Traffic for Technicians	*
TCC169	Maintenance of Traffic for Supervisors	5
TCC170	Flagger Training (1 hour)	*
TCC171	Bridge Construction Inspection Safety	1
TCC172	Job Hazard Analysis	2
TCC173	Maintenance of Drainage Features for Safety	1
TCC174	Bloodborne Pathogens	1

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