

Prerequisite Courses for Pavement Design Engineer

Courses available from National Highway Institute (NHI) and the Transportation Curriculum Coordination Council (TCCC) in partnership with NHI, web-based:

NHI Course No.	Course Title
131050A	Asphalt Pavement In-Place Recycling Techniques
131110	Pavement Preservation Treatment Construction – 11 modules
131110A	Introduction to Pavement Preservation
131110B	Materials
131110C	Crack Sealing & Filling, and Joint Sealing
131110D	Localized Pavement Repair
131110E	Chip Seals
131110F	Fog Seals
131110G	Slurry Seals
131110H	Micro-Surfacing
131110I	Thin Functional HMA Overlay
131110J	Ultra-Thin HMA Bonded Wearing Course
131110K	Selecting the Right Treatment
131115	Pavement Preservation: Preventive Maintenance Treatment, Timing, and Selection
131121	TCCC Construction of Portland Cement Concrete Pavements
131126	TCCC Concrete Pavement Preservation Series – 10 modules
131126A	TCCC Preventive Maintenance and Pavement Preservation
131126B	TCCC Concrete Pavement Evaluation
131126C	TCCC Slab Stabilization and Slab Jacking
131126D	TCCC Partial-Depth Repairs
131126E	TCCC Full-Depth Repairs
131126F	TCCC Retrofitted Edge Drains
131126G	TCCC Load Transfer Restoration
131126H	TCCC Diamond Grinding and Grooving
131126I	TCCC Joint Sealing and Crack Resealing
131126J	TCCC Strategy Selection
131133	TCCC Roller Compacted Concrete Pavements
134127	TCCC Concrete Series – 11 modules:
134101	TCCC Design of Pavement (Concrete)
134075	TCCC Hardened Concrete Properties – Durability
134084	TCCC Fundamentals of Materials Used for Concrete
134085	TCCC Incompatibility in Concrete
134087	TCCC Mix Design Principles
134095	TCCC Early Age Cracking

NHI and TCCC Web-Based Courses (cont.)

NHI Course No.	Course Title
134096	TCCC Basics of Cement Hydration
134097	TCCC Fresh Concrete Properties
134098	TCCC Construction of Concrete Pavements
134100	TCCC QC/QA for Concrete Pavements
134102	TCCC Troubleshooting for Concrete Pavements

Courses available from National Highway Institute (NHI), not web-based:

NHI Course No.	Course Title
132013	Geosynthetics Engineering Workshop
132040	Geotechnical Aspects of Pavements

All questions related to Pavement Design Engineer pre-qualification should be sent to:

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