Pavement Courses

CCPIC and Tech Transfer are developing the most current and comprehensive training curriculum available to California's pavement engineering and management workforce. Courses are intended for engineers, asset managers, upper-level managers, technicians, and construction inspectors, and cover Pavement Fundamentals, Management, Design, Materials, and Construction. Classes are affordable and offered entirely online, requiring no travel or time away from work, saving local agencies time and money while meeting their training needs.

Currently available pavement courses are listed below. New classes are added on an ongoing basis. To learn more about a specific course click the title below. To see all the pavement courses currently open for enrollment head to www.techtransfer.berkeley.edu.

Pavement Engineering and Management Certificate

CCPIC classes can be taken individually or combined into a curriculum that includes core and elective classes to obtain a certificate. Successful completion will require students to be registered individually for each class counting toward the certificate and to earn a passing grade on the culminating quiz administered at the end of each class.

The Pavement Engineering and Management Certificate will be awarded to students who successfully complete 88.5 units of CCPIC training: 56.5 units in required core classes and 32 units of electives. Topics include pavement engineering and management fundamentals, pavement design, materials and construction, and sustainability. **See other side of this page for course breakdown for Pavement Engineering and Management Certificate.**

Package Pricing

TechTransfer now offers a streamlined way for California public agencies to purchase CCPIC certificate training packages for employees. California public agencies can purchase a prepaid training package for employees to complete an entire certificate program for $2,110 per person. This price covers all core classes and electives to complete the Pavement Engineering and Management Certificate.

Funds never expire, are fully transferable within the agency, and can be applied to any class offered by TechTransfer, so even though they are non-refundable, there's no risk that training funds will be lost if an employee is reassigned or leaves the agency or if training needs change. Training packages are not eligible for group discounts.

For more information, email registrar@techtransfer.berkeley.edu.

Pavement Engineering and Management Certificate Course Breakdown

Required Courses (must complete all):

- CCA-01 Introduction to Pavement Engineering and Management
- CCA-02 Pavement Sustainability
- CCB-01 Pavement Life Cycle Cost Analysis: The Basics
- CCB-02 Pavement Management Systems and Preservation Strategies
- CCC-01 Asphalt Concrete Materials and Mix Design
- CCC-02 Asphalt Pavement Preservation Treatments, Materials, Construction & Quality Assurance
- CCC-03 Pavement Construction Specifications and Quality Assurance

Elective Courses (must complete 6 of the following courses):

- CCI-02 Concrete Pavement Construction Inspection (self-paced online)
- CCI-03 Concrete Street Improvements Construction Inspection (self-paced online)
- CCI-04 Pavement Preservation Construction Inspection (self-paced online)
- CCI-06 Construction Inspection of Asphalt-Rubber Pavement Materials (self-paced online)
- CCB-21 Financing and Cash Flow for Pavement Networks (self-paced online)
- CCC-21 Concrete Materials and Mix Design (Self-paced online)
- PD-01 Fundamentals of Inspection Practice
- PD-02 Construction Inspection of Traffic Signals
- TS-10 Work Zone Safety
- More course to be added

Contact Us

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