

## CPESC

### Certified Professional in Erosion and Sediment Control

**CPESC (Certified Professional in Erosion and Sediment Control)** certification focuses on resolving erosion and sedimentation and mitigating stormwater pollutants from construction activities. The certification represents many disciplines and specialties that work to produce site-specific plans and designs. These plans comprehensively address current and potential erosion and sedimentation concerns, in addition to potential stormwater pollutant issues with practices and measures that are cost effective and achieve environmental and regulatory obligations. CPESCs satisfy educational and substantial experience standards, adhere to a code of ethics, pass a rigorous qualifying exam, and maintain expertise through a continuing professional development program.

Government regulators recognize, and require in some jurisdictions, CPESCs as qualified professionals to plan, design and prepare Stormwater Pollution Prevention Plans (SWPPPs) and Erosion and Sediment Control Plans (ESCPs).

CPESCs possess a deep understanding of the science of surface soil erosion and methodologies to minimize erosion and sediment discharges, as well as other stormwater pollutants commonly generated from construction activities, including material use, handling and storage. This certification also specializes in the study, and subsequent reduction, of the adverse effects of environmental pollutants, whether natural or manmade, as it relates to soil, water, and air.



Common technical knowledge areas include without limitation:

- Site Planning
- Soils (including soil mechanics, soil physics, soil structure and soil fertility)
- Climatic Factors
- Soil Erosion and Sedimentation
- Management Site Practices
- Fundamental of Pollutants
- Soil and Water Sampling
- Soil and Water Chemical Analysis
- Conservation
- Topography
- Geomorphology
- Hydrology & Drainage
- Regulations and Permitting

Typical industries in which CPESCs practice include without limitation:

- Construction and Land Development
- Transportation
- Linear Projects
- Municipal Stormwater Quality
- Soil and Water Conservation
- Forestry
- Agriculture
- Mining
- Oil and Gas
- Watershed Management
- Reclamation and Site Remediation

## BENEFITS OF CPESC CERTIFICATION

The CPESC certification identifies professionals with a high level of experience, training, and technical knowledge. Due to the depth and breadth of knowledge unique to soil and runoff management, CPESC is complementary to other specialized practices, such as geology, engineering, landscape architecture, and other licensed professionals.

A CPESC is an invaluable resource and member of a design team working on projects such as subdivisions, commercial development, recreational areas, mixed use developments, highways, transmission lines (oil, gas, and power), farms, forest, and surface mines.

Professional certifications such as CPESC, illustrate excellence in technical achievement and are recognized by peers, present and prospective employers, clients, and government agencies.

## GENERAL PRINCIPLES REVIEWS AND EXAMS

CPESC General Principles Review courses are available On-Line and On-Demand as a stand-alone course or In-Person at special events and/or upon request. The exam can be scheduled to be taken at a third-party testing facility or at a special In-Person event.

## CANDIDATE REQUIREMENTS

- Possess a high school diploma (or equivalent)
- At least seven (7) years of relevant educational and/or professional experience.
- Individuals with an applicable college degree may receive educational credit for their education
- Individuals having a minimum of two (2) years of qualifying education and/or work experience may qualify for In-Training (IT) status.

## ADDITIONAL INFORMATION

For more information about ECI Professional Certifications, please visit [www.envirocert.org](http://www.envirocert.org), email [info@envirocert.org](mailto:info@envirocert.org), refer to the QR code below or contact ECI at (279) 888-6911.

<b>CPESC®</b> <i>Certified Professional in Erosion &amp; Sediment Control™</i>	
<b>Education</b> <ul style="list-style-type: none"> <li>• High School Diploma or GED Required: Yes</li> <li>• College Diploma Required: No</li> <li>• Required Total Professional Experience / Education Credit (min.): 7 years</li> </ul>	
<b>Education Credit</b>	
Associate** (Science, Planning, or Construction Management)	1 year / .5 year
No degree but Professional License (PE, LA, PG, PH)*	4 years
Bachelors Degree** (Science, Planning, or Construction Mgmt. areas)	4 years / 2 years
Graduate (All of the above areas or Law)***	5 years
<b>In Training Certifications</b> <ul style="list-style-type: none"> <li>• In Training Program Offered</li> <li>• Required Total Experience (min.): 2 years</li> </ul>	

