

Corps of Engineers' Coastal Engineering Certificate Program (CECECP)

The CECECP provides a means for USACE engineers and scientists to obtain certification in coastal engineering through accredited university programs and collaboration with Coastal and Hydraulics Laboratory (CHL) researchers. The program is intended for USACE employees that have quantitative background in scientific or engineering fields and are new to coastal engineering, or for coastal engineers to extend their knowledge and experience. The program may be expanded in the future to include qualified consultants.

Requirements of the CECECP are as follows:

- Complete four courses in coastal engineering, one each from the following categories:
 - Coastal Hydrodynamics
 - Coastal Processes
 - Coastal Structures
 - Elective

Note: one class must be a context class, defined as one that provides a broad overview of coastal engineering or coastal processes.

- Courses are available online through the ERDC Graduate Institute from the following universities:
 - Louisiana State University
 - Mississippi State University
 - Texas A&M University
 - Old Dominion University
- Complete one CHL software training module
- Complete a project from the candidate's home District in conjunction with a CHL researcher
 - Present the project to CHL and the CECECP Technical Panel in a seminar

Potential applicants are encouraged to apply at any time. Interested USACE employees may apply through the CECECP website¹ with a deadline of Apr 1st of each year for the Fall semester and Aug 1st for Spring semester. Candidates will provide a resume, proposed course selections, and identify the District project (or consultant project in later years) to be completed as part of the CECECP. Accepted candidates will be notified by Jun 15th (Fall semester) or Oct 15th (Spring semester) and must apply to the university and enroll into the Fall/Spring classes.

Costs for the CECECP consist of course fees (approximately \$1500-\$1700 per course), university application fees (\$50-\$60 per university), travel and labor for the CECECP candidate to visit CHL for 1 week and work with a CHL researcher on the District project, labor to complete the software training module, and 2 weeks to cover the CHL researcher's time in assisting with the District project (approximately \$10K over the 2-years of CECECP completion).

For more information, please contact Steve Wagner, Stephen.E.Wagner@usace.army.mil.

¹ <http://cirp.usace.army.mil/CECEC/index.php>