

Certificate

# Coastal Engineering Certificate

CECP provides for practicing engineers the opportunity to study Coastal Engineering at the graduate level to help them in the practice of their engineering profession. The Certificate demonstrates a basic level of the physical sciences, engineering, economics, the environment, and the institutional-political-social and aesthetic constraints that influence all coastal engineering design. The Certificate may also provide the necessary credentials for continuing education by state licensing boards and professional organizations.

## Graduate Certificate Admission Requirements

An undergraduate degree from an accredited university in Engineering (Civil, Environmental Ocean, etc.) or the Oceanography Sciences (Oceanography, Geology, etc.) is preferred. Experienced professionals in the Coastal Engineering field may also apply.

## Graduate Certificate Course Requirements

A series of four (4) graduate level courses in the specialty area of Coastal Engineering within Civil Engineering are offered. All are offered online over the internet, in synchronous (Visual Streaming) mode, over a two year period (spring, fall semesters). The Certificate is earned after successful completion of the four courses listed below. The Cumulative Grade Point Average (GPA) of the four courses must be a minimum of a B average (3.0) to earn the Certificate. All are regularly scheduled graduate courses in the Master and Ph.D. programs at ODU.

CEE 582	Introduction to Coastal Engineering	3
CEE 787	Dredging and Beach Engineering	3
CEE 788	Coastal Hydrodynamics and Sediment Processes	3
CEE 782	Design of Coastal Structures	3
<b>Total Credit Hours</b>		<b>12</b>

An overall grade point average of 3.0 or better is required to earn the certificate.