

GLOUCESTER COUNTY COLLEGE  
BUSINESS AND TECHNOLOGY DIVISION

**CIVIL ENGINEERING TECHNOLOGY**  
**Professional Development Certificate Program**

This program addresses the needs for qualified professionals in Civil Engineering Technology to obtain the new and changing technological knowledge and skills in their profession. Students need to have a high school diploma and considerable work experience in the field so that they have obtained an excellent working knowledge of the profession's fundamental knowledge and skills.

<u>Course</u>		<u>Credits</u>
_____	CET 203      Applied Statics	3
_____	CET 204      Structural Systems	3
_____	CET 205      Applied Strength of Materials	3
_____	CET 207      Hydraulics	3
_____	CET 210      Advanced Hydraulics	3
		<b>12*</b>

\*12 credits required of the 15 credits listed

Fundamentals: (Knowledge & Skills Required)

Codes, Contracts & Specifications, Surveying (traversing, triangulation, leveling, theodolite and other field practices). Working knowledge of Algebra & Trigonometry.

Date of last revision: 04/05

**CIVIL ENGINEERING TECHNOLOGY**  
**Professional Development Certificate Program**

**REQUIRED CORE AND ELECTIVE COURSES**

		<b><u>Credits</u></b>
<b><u>Technical</u></b>		
Applied Statics	CET 203	3
Structural Systems	CET 204	3
Applied Strength of Materials	CET 205	3
Hydraulics	CET 207	3
Advanced Hydraulics	CET 210	3
		<b>12*</b>

\*12 credits required of the 15 credits listed