

GLOUCESTER COUNTY COLLEGE
BUSINESS AND TECHNOLOGY DIVISION

CIVIL ENGINEERING TECHNOLOGY
Land Surveying Option
Professional Development Certificate Program

This program addresses the needs for qualified professionals in Civil Engineering, Land Surveying 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>
_____ BUS 107 Business Law I	3
_____ CET 206 Evidence and Procedures for Boundary Location	3
_____ CET 207 Hydraulics	3
_____ CET 208 Route and Construction Surveying	3
_____ DFT 103 CADD I (AutoCAD)	3
_____ DFT 211 Architectural and Civil Planning	3
_____ ENR 170 Topics in Engineering	3
	12*

*12 credits required of the 21 credits listed

Fundamentals: (Knowledge & Skills Required)

Codes, Contracts & Specifications, Surveying (triangulation, leveling, theodolite and other field practices).

Working knowledge of Algebra & Trigonometry.

Date of last revision: 04/05

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REQUIRED CORE AND ELECTIVE COURSES

		<u>Credits</u>
<u>Business</u>		
Business Law I	BUS 107	3
<u>Technical</u>		
Evidence and Procedures for Boundary Location	CET 206	3
Hydraulics	CET 207	3
Route and Construction Surveying	CET 208	3
CADD I (AutoCAD)	DFT 103	3
Architectural and Civil Planning	DFT 211	3
Topics in Engineering	ENR 170	3
		12*

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