

Northern Virginia Community College 2008-2009 Catalog

**ENGINEERING TECHNOLOGY:**  
**Land Planning, Survey and Development**  
Career Studies Certificate

AL

*Purpose:* The curriculum is designed to prepare students for either employment in civil engineering or construction industry, or to prepare for continuing education in Civil Engineering Technology, Urban and Landscape Planning or Construction Management. Occupational objectives may include civil engineering surveying, urban planning CAD operation, civil or construction engineering technician.

<b>One Year</b>		<b>Credits</b>
<b>1st Semester</b>		
BLD	165 Construction Field Operations	2
CIV	171 Surveying I	3
DRF	201 Computer Aided Drafting and Design I	4
EGR	115 Engineering Graphics	2
<sup>1</sup> ___	Technical Elective	<u>3</u>
	<b>Total</b>	<b>14</b>
<b>2nd Semester</b>		
CIV	172 Surveying II	3
CIV	261 Advanced Surveying	3
DRF	260 Computer Application for Surveyors & Technicians	3
ENG	111 College Composition I	3
<sup>1</sup> ___	Technical Elective	<u>3</u>
	<b>Total</b>	<b>15</b>

**Total credits for the Land Planning, Survey and Development Career Studies Certificate = 29.**

<sup>1</sup> Technical elective courses must be approved by the program faculty advisor. Technical electives may be selected from the following: ARC 225, BLD 101, BLD 231, CIV 241, DRF 202, DRF 233, DRF 261.