

# CIVIL DRAFTER - CERTIFICATE

**Offered at:** Ashland Community and Technical College, Big Sandy Community and Technical College, Bluegrass Community and Technical College, Hazard Community and Technical College

**Program Plan Number:** 1513013049

Course	Title	Credits
<b>General Education</b>		
Quantitative Reasoning <sup>1</sup>		3
Subtotal		3
<b>Technical Core</b>		
CAD 100	Introduction to Computer Aided Design	3
CAD 102	Drafting Fundamentals	4
CAD 112	Engineering Graphics	4
Subtotal		11
<b>Surveying Core</b>		
Select 9-12 hours of the following nine options:		9-12
CAD 108	Introduction to Surveying	
CAD 130	Descriptive Geometry	
SMT 110	Principles of Surveying	
SMT 130	Land Surveying Graphics	
SMT 160	Construction Surveying	
SMT 210	Advanced Surveying Measurement	
SMT 220	Surveying Lab	
SMT 230	Land Boundary Location	
SMT 250	Mine Surveying	
Subtotal		9-12
<b>Total Credits</b>		<b>23-26</b>

<sup>1</sup> MAT 105 Business Mathematics (3 credit hours) excluded.