

# CONSTRUCTION EQUIPMENT TECHNICIAN - DIPLOMA

**Offered at:** Ashland Community and Technical College, Big Sandy Community and Technical College, Hazard Community and Technical College, Madisonville Community College, Maysville Community and Technical College, Owensboro Community and Technical College, Southeast Kentucky Community and Technical College, West Kentucky Community and Technical College

**Program Plan Number:** 4706054019

Course	Title	Credits
<b>General Education</b>		
<i>Area 1</i>		
Select one of the following three options:		3
Written Communication		
Oral Communications		
Humanities/Heritage		
<i>Area 2</i>		
Select one of the following three options:		3
Social/Behavioral Sciences		
Natural Sciences		
Quantitative Reasoning		
Subtotal		6
<b>Technical Courses</b>		
Digital Literacy course or demonstrated competency		0-3
ADX 170	Climate Control	3
ADX 171	Climate Control Lab	1
Select one of the following three options:		5
BEX 100 & BEX 101	Basic Electricity for Non-Majors and Basic Electricity Lab for Non-Majors	
ADX 120 & ADX 121	Basic Automotive Electricity and Basic Automotive Electricity Lab	
ELT 110	Circuits I	
DIT 103	Preventive Maintenance Lab	2
Select one of the following two options:		5
DIT 110 & DIT 111	Introduction To Diesel Engines and Introduction To Diesel Engines Lab	
ADX 150 & ADX 151	Engine Repair and Engine Repair Lab	
DIT 112	Diesel Engine Repair	3
DIT 113	Diesel Engine Repair Lab	2
DIT 150	Power Trains	3
DIT 151	Power Trains Lab	2
DIT 152	Powertrain for Construction Equipment	3
DIT 153	Powertrain for Construction Equipment Lab	2
Select one of the following three options:		3-5
DIT 121	Introduction to Maintenance Welding Lab	
IMT 100 & IMT 101	Welding for Maintenance and Welding for Maintenance Lab	
WLD 120 & WLD 121	Shielded Metal Arc Welding and Shielded Metal Arc Welding Fillet Lab	
DIT 123	Undercarriage Lab	3

Select one of the following two options:		5
DIT 140 & DIT 141	Hydraulics and Hydraulics Lab	
FPX 100 & FPX 101	Fluid Power and Fluid Power Lab	
Select one of the following two options:		5
DIT 190 & DIT 191	Electrical Systems for Diesel Equipment and Electrical Systems for Diesel Equipment Lab	
ADX 260 & ADX 261	Electrical Systems and Electrical Systems Lab	
Subtotal		47-52
<b>Total Credits</b>		<b>53-58</b>