

DIESEL TECHNOLOGY
Agricultural Equipment Technician
Diploma
4706054039

Academic Plan Code

Contact Information: Doyle Howard				
doyle.howard@kctcs.edu		270-534-3868		
Student Name		Student ID#		
	Course	Hours	Grade	Semester
GENERAL EDUCATION				
Area 1: Written Communication, Oral Communications, Humanities/Heritage		3		
Area 2: Social/Behavioral Science, Natural Sciences or Quantitative Reasoning		3		
Subtotal		6		
TECHNICAL COURSES				
Computer/Digital Literacy course OR demonstrated competency		0-3		
ADX 120 Basic Automotive Electricity AND		3		
ADX 121 Basic Automotive Electricity Lab OR		2		
ELT 110 Circuits I		(5)		
ADX 170 Climate Control		3		
ADX 171 Climate Control Lab		1		
DIT 103 Preventive Maintenance Lab		2		
DIT 110 Introduction to Diesel Engines AND		3		
DIT 111 Introduction to Diesel Engines Lab OR		2		
ADX 150 Engine Repair AND		(3)		
ADX 151 Engine Repair Lab		(2)		
DIT 112 Diesel Engine Repair		3		
DIT 113 Diesel Engine Repair Lab		2		
DIT 121 Introduction to Maintenance Welding Lab OR		3		
WLD 120 Shielded Metal Arc Welding (SMAW) AND		(3)		
WLD 121 Shielded Metal Arc Welding (SMAW) Lab		(2)		
DIT 140 Hydraulics AND		3		
DIT 141 Hydraulics Lab OR		2		
FPX 100 Fluid Power AND		(3)		
FPX 101 Fluid Power 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		
DIT 190 Electrical Systems for Diesel Equipment AND		3		
DIT 191 Electrical Systems for Diesel Equipment Lab OR		2		
ADX 260 Electrical Systems AND		(3)		
ADX 261 Electrical Systems Lab		(2)		
Subtotal		44-49		
Total Credits		50-55		

Revised Date: 8/16/2017

KCTCS is an equal opportunity employer and educational institution.

KENTUCKY COMMUNITY & TECHNICAL COLLEGE SYSTEM

DIESEL TECHNOLOGY
Agricultural Equipment Technician
Diploma
4706054039

Academic Plan Code

Fall Semester		
Course No.	Course Title	Credit Hours
DIT 110	Introduction to Diesel Engines AND	3
DIT 111	Introduction to Diesel Engines Lab OR	2
ADX 150	Engine Repair AND	(3)
ADX 151	Engine Repair Lab	(2)
DIT 140	Hydraulics AND	3
DIT 141	Hydraulics Lab OR	2
FPX 100	Fluid Power AND	(3)
FPX 101	Fluid Power Lab	(2)
	Area 1: Written Communication, Oral Communications, Humanities/Heritage OR	3
	Area 2: Social/Behavioral Science, Natural Sciences or Quantitative Reasoning OR	(3)
	Computer/Digital Literacy course OR demonstrated competency	(0-3)
	Subtotal	10-13
Spring Semester		
Course No.	Course Title	Credit Hours
ADX 120	Basic Automotive Electricity AND	3
ADX 121	Basic Automotive Electricity Lab OR	2
ELT 110	Circuits I	(5)
DIT 103	Preventive Maintenance Lab	2
DIT 112	Diesel Engine Repair	3
DIT 113	Diesel Engine Repair Lab	2
DIT 121	Introduction to Maintenance Welding Lab OR	3
WLD 120	Shielded Metal Arc Welding (SMAW) AND	(3)
WLD 121	Shielded Metal Arc Welding (SMAW) Lab	(2)
	Subtotal	15
Fall Semester		
Course No.	Course Title	Credit Hours
DIT 190	Electrical Systems for Diesel Equipment AND	3
DIT 191	Electrical Systems for Diesel Equipment Lab OR	2
ADX 260	Electrical Systems AND	(3)
ADX 261	Electrical Systems Lab	(2)
	Area 1: Written Communication, Oral Communications, Humanities/Heritage OR	(3)
	Area 2: Social/Behavioral Science, Natural Sciences or Quantitative Reasoning AND	3
	Computer/Digital Literacy course OR demonstrated competency	(0-3)
	Subtotal	8-11

DIESEL TECHNOLOGY
Agricultural Equipment Technician
Diploma
4706054039

Academic Plan Code**Spring Semester**

Course No.	Course Title	Credit Hours
ADX 170	Climate Control	3
ADX 171	Climate Control Lab	1
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
	Subtotal	14
	Grand Total	50-55

Program Coordinator Notes: A student must receive a grade of "C" or better to receive credit for successful completion of courses in the Diesel Technology curriculum. It is the ultimate responsibility of the student to stay current with the curriculum requirements.