



MIAMI VALLEY
TECHPREP
CONSORTIUM

Sinclair/Tech Prep Career Field Options for AY 2017-18

Automotive

T9 Ground Transportation

Course		Course Name	Semester Hours
Articulated Credits			
AUT	1100	Consumer Automotive	2
†AUT	1108	Automotive Engine Systems	4
†AUT	1114	Automotive Electrical/Electronic Systems I	3
†AUT	1116	Automotive Steering & Suspension Systems	3
†AUT	1165	Automotive Brake Systems	3
†Students must successfully complete an ASE student certification exam with a passing grade of 70% or higher in Engine Repair or Electrical Systems to receive credit			

Aviation

TA Air Transportation

Course		Course Name	Semester Hours
Proficiency Credits			
From the General Certificate delivered by Sinclair adjunct instructors (credit capture process)			
AVT	1116	*Regulations for Maintenance	3
AVT	1118	*Weight & Balance	3
AVT	1213	*Corrosion	3
AVT	1141	Principles of Aviation Leadership	2
AVT	2237	*Aircraft Inspections	3
From the Airframe Certificate delivered by Sinclair adjunct instructors (credit capture process)			
AVT	1136	*Sheet Metal	4
AVT	1218	*Utility Systems	6
From the Powerplant Certificate delivered by Sinclair adjunct instructors (credit capture process)			
AVT	2129	*Propellers	4
AVT	2219	*Turbine Engines	4
Articulated Credits			
From the Airframe Certificate delivered by Sinclair adjunct instructors (credit capture process)			
AVT	1105	Orientation to Aviation	2
AVT	1116	Regulations for Maintenance	3
AVT	2125	Developments in Aviation	2

CTAG Sinclair Alignments

T9 Ground Transportation

CTE Pathway	Pathway Code	ODE Course #	ODE Course Name	Sinclair Course	Sinclair Course Name	Semester Hours
Ground Transportation	T9	177000	Ground Transportation Maintenance	AUT 1102	Introduction to Automotive Service	2
Ground Transportation	T9	No course match at this time.	No course match at this time.	CAT 1431	OSHA Construction Standards 10 Hour	1

TA Air Transportation

CTE Pathway	Pathway Code	ODE Course #	ODE Course Name	Sinclair Course	Sinclair Course Name	Semester Hours
Air Transportation	TA	177020	Aviation Airport Management	AVT 2146	Introduction to Airline Operations	3
Air Transportation	TA	177019	Aviation Meteorology	AVT 1119	Aviation Meteorology	2
Air Transportation	TA	177021	Aviation Pilot Training	AVT 1110	Private Pilot Ground School	3