

## ODE-Sinclair Credit Crosswalk: Transportation Systems - Aviation

### Air Transportation (TA)

#### PROFICIENCY

ODE Course	Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
N/A		AVT 1101	Introduction to Unmanned Aerial Systems	2	
N/A		AVT 1103	Remote Pilot (UAS) Ground School	1	<i>Course credit can be earned as PR via completion of eLearn shell content, or credit can be awarded as AA with proof of FAA Part 107 Small UAS license.</i>
N/A		AVT 1104	UAS Standards, Regulations and Law	1	<b>NEW!</b> Please refer to Need to Know document for additional information.
N/A		AVT 1141	Principles of Aviation Leadership	2	<i>Please note, this course credit type changed from AA to PR 20-21 AY. eLearn shell content must be completed in order to earn credit for this course.</i>
N/A		AVT 2150	Crew Resource Management for UAS	3	<b>NEW!</b> Please refer to Need to Know document for additional information.
N/A		AVT 2151	UAS Operations I	3	<b>NEW!</b> Please refer to Need to Know document for additional information.

#### ARTICULATED - Aviation Maintenance Courses-Articulated credit through FAA approved testing processes

##### If student earns FAA Airframe or Powerplant Certificate, they will earn Articulated Credit for:

N/A	AVT 1113	Drawings for Aviation	3	<i>*Credit Awarded by State or National Accreditation via credit capture process. Copies of cards or certificates must be submitted to MVTPC before credit can be posted.</i>
N/A	AVT 1116	Regulations for Maintenance	3	
N/A	AVT 1118	Weight and Balance	3	
N/A	AVT 1131	Basic Aviation Electricity	3	
N/A	AVT 1135	Materials and Processes	4	
N/A	AVT 1213	Corrosion	3	
N/A	AVT 2237	Aircraft Inspections (Airframe and Eng.)	3	
N/A	AVT 2143	Review and Recommendation	2	

##### If student earns FAA Airframe Certificate, they will earn Articulated Credit for:

N/A	AVT 1136	Sheet Metal	4	<i>*Credit Awarded by State or National Accreditation via credit capture process. Copies of cards or certificates must be submitted to MVTPC before credit can be posted.</i>
N/A	AVT 2121	Assembly and Rigging	3	
N/A	AVT 2236	Non Metallic Structures	4	
N/A	AVT 1106	Airframe Safety Systems	2	
N/A	AVT 1107	Fuel Systems	3	
N/A	AVT 1133	Instruments/Communications	3	
N/A	AVT 1214	Cabin Atmospheric Control	2	
N/A	AVT 1218	Utility Systems	6	
N/A	AVT 2132	Airframe Electrical Systems	4	

##### If student earns FAA Powerplant Certificate, they will earn Articulated Credit for:

N/A	AVT 1128	Power Plant Safety Systems	3	<i>*Credit Awarded by State or National Accreditation via credit capture process. Copies of cards or certificates must be submitted to MVTPC before credit can be posted.</i>
N/A	AVT 2122	Ignition and Starting	4	
N/A	AVT 2126	Reciprocating Engines	7	
N/A	AVT 2129	Propellers	4	
N/A	AVT 2138	Engine Fuel and Fuel Metering	3	
N/A	AVT 2139	Induction/Exhaust/Cooling	2	
N/A	AVT 2219	Turbine Engines	4	

CTAG						
ODE Course	Subject Code	CTAN	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
Aviation Airport Management	177020	CTAIR001 - Air Transportation	AVT 2146	Introduction to Airline Operations	3	
Aviation	177013	CTAIR004 - Introduction to Aviation	AVT-1105	Orientation to Aviation	3	
Aviation Pilot Training	177021	CTAIR005 - Private Pilot Theory	AVT-1110	Private Pilot Ground School	3	
Aviation Meteorology	177019	CTAIR003 - Aviation Meteorology	AVT-1119	Aviation Meteorology	2	

### JROTC

#### PROFICIENCY

ODE Course	Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Sinclair Program Alignment
N/A		AVT 1141	Principles of Aviation Leadership	2	Please note, this course credit type changed from AA to PR 20-21 AY. eLearn shell content must be completed in order to earn credit for this course.

### General Tech Prep Courses for All Pathways

The following are general tech prep courses available to all pathways but often paired with courses in this pathway. These courses may be taught by academic instructors. To see a comprehensive list of all courses available to all pathways, visit the General Course Offerings page.

#### PROFICIENCY

ODE Course	Subject Code	Sinclair Course	Sinclair Course Name	Credit Hours	Notes
N/A		BIS 1400	Customer Service	3	
N/A		MAT 1110	Math for Technologists	3	
N/A		MET 1131	Personal Computer Applications for Engineering Technology	1	