

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

**Air Transportation (TA)**

**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:**

ODE Course	Subject Code	Sinclair Course	Credit Hours	Notes
N/A		AVT 1113: Drawings for Aviation	2	FAA Credential Required
N/A		AVT 1116: Regulations for Maintenance	3	
N/A		AVT 1118: Weight & Balance	3	
N/A		AVT 1130: Basic Aviation Electricity I	2	
N/A		AVT 1132: Basic Aviation Electricity II	2	
N/A		AVT 1135: Materials & Processes	4	
N/A		AVT 1213: Corrosion	2	
N/A		AVT 2143: Review & Recommendation	2	
N/A		AVT 2237: Aircraft Inspections (Airframe and Eng.)	3	

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

ODE Course	Subject Code	Sinclair Course	Credit Hours	Notes
N/A		AVT 1106: Airframe Safety Systems	2	FAA Credential Required
N/A		AVT 1107: Fuel Systems	3	
N/A		AVT 1133: Instruments/Communications	3	
N/A		AVT 1136: Sheet Metal	4	
N/A		AVT 1214: Cabin Atmospheric Control	3	
N/A		AVT 1218: Utility Systems	4	
N/A		AVT 2121: Assembly & Rigging	3	
N/A		AVT 2132: Airframe Electrical Systems	4	
N/A		AVT 2236: Non-Metallic Structures	3	

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

ODE Course	Subject Code	Sinclair Course	Credit Hours	Notes
N/A		AVT 1128: Powerplant Safety Systems	3	FAA Credential Required
N/A		AVT 2122: Ignition & Starting	3	
N/A		AVT 2126: Reciprocating Engines	4	
N/A		AVT 2129: Propellers	2	
N/A		AVT 2138: Engine Fuel & Fuel Metering	3	
N/A		AVT 2219: Turbine Engines	4	

**CTAG**

ODE Course	Subject Code	CTAN	Sinclair Course	Credit Hours	Notes
Aviation	177013	CTAIR004 - Introduction to Aviation	AVT 1105: Orientation to Aviation	2	
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	
Aviation Airport Management	177020	CTAIR001 - Air Transportation	AVT 2146: Introduction to Airline Operations	3	

**PROFICIENCY**

ODE Course	Subject Code	Sinclair Course	Credit Hours	Notes
N/A		AVT 1101: Introduction to Unmanned Aerial Systems	2	New FPS for AY 24-25 - Tommy Sunderhaus, <a href="mailto:tommy.sunderhaus@sinclair.edu">tommy.sunderhaus@sinclair.edu</a>
N/A		AVT 1103: Remote Pilot Ground School	1	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 Remote Pilot Certification.  New FPS for AY 24-25 - Tommy Sunderhaus, <a href="mailto:tommy.sunderhaus@sinclair.edu">tommy.sunderhaus@sinclair.edu</a>
N/A		AVT 1104: UAS Standards, Regulations & Law	1	New FPS for AY 24-25 - Tommy Sunderhaus, <a href="mailto:tommy.sunderhaus@sinclair.edu">tommy.sunderhaus@sinclair.edu</a>
N/A		AVT 1141: Principles of Aviation Leadership	2	
N/A		AVT 2150: Crew Resource Management for UAS	1	
N/A		AVT 2151: UAS Operations I	3	

**JROTC****PROFICIENCY**

ODE Course	Subject Code	Sinclair Course	Credit Hours	Notes
N/A		AVT 1141: Principles of Aviation Leadership	2	

**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

**PROFICIENCY**

ODE Course	Subject Code	Sinclair Course	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	1	