

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 | 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. |
| 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. |

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 | *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. |
| 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 | *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. |
| 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:

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|-----|--|----------|-------------------------------|---|--|
| N/A | | AVT 1128 | Power Plant Safety Systems | 3 | *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. |
| 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 Pilot Training | 177021 | CTAIR005 - Private Pilot Theory | AVT 1110 | Private Pilot Ground School | 3 | |
| Aviation | 177013 | CTAIR004 - Introduction to Aviation | AVT-1105 | Orientation to Aviation | 3 | |
| Aviation Meteorology | 177019 | CTAIR003 - Aviation Meteorology | AVT-1119 | Aviation Meteorology | 2 | |

JROTC

PROFICIENCY

| <i>ODE Course</i> | <i>Subject Code</i> | <i>Sinclair Course</i> | <i>Sinclair Course Name</i> | <i>Credit Hours</i> | <i>Sinclair Program Alignment</i> |
|-------------------|---------------------|------------------------|-----------------------------------|---------------------|---|
| 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> |

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

| <i>ODE Course</i> | <i>Subject Code</i> | <i>Sinclair Course</i> | <i>Sinclair Course Name</i> | <i>Credit Hours</i> | <i>Notes</i> |
|-------------------|---------------------|------------------------|---|---------------------|--------------|
| 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 | |