

Career Pathway:

Unmanned Aircraft Systems CSC (9 credits) to AAS Mechanical Engineering Technology (956) to Bachelor of Science in Mechanical Engineering Technology at Old Dominion University.

Courses		
UMS 111-small Unmanned Aircraft Systems (sUAS) I *	Career Studies Certificate: sUAS Flight Technician 9 total credits	
UMS 177 – Small Unmanned Aircraft System (sUAS) Components and Maintenance *		
UMS 107 – Small Unmanned Aircraft System (sUAS) Remote Pilot Ground School **		
ENG 111 – College Composition I	Associate of Applied Science Degree: Mechanical Engineering Technology 67 total credits	
MTH 163 – Precalculus I		
XXX HLT/PE Elective		
SDV 100 – College Success Skills		
MEC 100 – Introduction to Engineering Tech		
MEC 113 – Materials & Processes		
xxx Social Science Elective		
ENG 112 - College Composition II or ENG 115 – Technical Writing		
MTH 164 – Precalculus II		
PHY 201 – General College Physics I		
MEC 131 – Statics for Engineering Tech		
CAD 151 – Engineering Drawing Fundamental I		
xxx Humanities Elective		
MTH 173 – Calculus I		
MEC 132 – Strength of Materials		
MEC 161 – Basic Fluid Mechanics or MEC 220 Introduction to Composites		
CAD 211 – Advanced Technical Drafting I or CAD 241 – Parametric Solid Modeling		
PHY 202 – General College Physics II		
CHM 111 – College Chemistry		
ECO 201 – Principles of Economics I		

*UMS 111 and UMS 177 will be used for the 6 credits of Approved Electives.

**UMS 107 will be substituted for MEC 133.

The AAS Mechanical Engineering Technology degree fully articulates to Old Dominion University in which students can earn a Bachelor of Science in Mechanical Engineering Technology.