

Aerospace Manufacturing Technology, AAS

CRN	COURSE NAME	CREDITS
Technical Electives - 43		43
CED 115	Computer Applications	3
ENG 101	Composition I	3
PDV 105	Blueprint for Personal Success	2
Communication Elective		3
Math Elective		3
Social Science Elective		3
Technical Elective		
ACP 100	Introduction to Coatings & Paint Technology	
ACP 101	Surface Preparation & Coatings	
ACP 104	Specialized Coating Processes	
AER 106	Aerospace Manufacturing Tooling Orientation	
AER 111	Tap and Die	
AER 115	Aerostructures Assembly	
AER 116	Hand Power Tools for Aerospace Tooling	
AER 126	Tooling Capstone	
AER 135	Quality Assurance Orientation	
AER 150	Assembly Overview I	
ARU 157	Advanced Assembly	
AER 166	Electrical Hand Tools	
AER 165	Electrical Assembly Mechanic Orientation	
AER 167	Drilling & Riveting/Ground Stud Installation	
AER 168	Wire Installation Drawings	
AER 169	Crimping & Cables	
AER 170	Fiber Optics for Aerospace	
AER 175	Wire Bundle Basics	
AER 180	Soldering	
AER 185	Wire Bundle Installation	
AVC 102	Precision Instruments	
AVC 103	Geometric Dimensioning & Tolerancing	
AVC 104	Quality Control Concepts	
AVC 105	Aircraft Familiarization	
AVC 107	Fundamentals for Aerospace Manufacturing	
AVC 108	Aircraft Systems & Components	
AVC 110	Safety/OSHA 10	
AVC 112	Blueprint Reading	
AVC 120	Introduction to Sealing	
AVC 125	Bonding and Grounding	
AVC 127	Aviation Assembly Core	
AVC 135	Hand Tools	
AVC 140	Electrical Bonding & Grounding	
AVC 145	Power Island	
AVC 150	Human Factors	
AVC 165	Technical Writing	
AVC 170	Conflict Resolution	
AVC 137	Precision Measuring	
AVC 190	Aerospace Applied Learning	
BUS 121	Business Communications	
CFT 101	Introduction to Composites	
CFT 106	Composite Finish Trim	
CFT 112	Composite Assembly I	
CFT 113	Composite Assembly II	
CFT 107	Composite Assembly	
CFT 130	Composite Fabrication Methods / Applications	
CFT 135	Overview of Composite Inspection	
CFT 140	Composite Inspection	
CWG 110	Welding Applications	
CWG 105	Welding Safety & Orientation	
LEN 100	Lean for Operations	
MCD 106	Precision Measuring	
MCD 137	Introduction to 3D Printing	
NDT 114	Visual Inspection	
ROB 100	Introduction to Robotics	
Total		60.00

*Some courses may have a prerequisite in addition to the classes listed above. Please contact an Academic Advisor for details. Visit WSUTECH.edu/Checklist for program admission requirements.

LOCATION

National Center for Aviation Training
4004 N. Webb Road | Wichita, KS 67226
316.677.9400 Get maps at WSUTECH.edu/Campuses

COSTS*

PROGRAM TOTAL **\$13,662.00**

*Cost does not include online fees, books or tools.
Financial Assistance may be available to those who qualify.
Total calculated based on the lowest cost combination of elective credits required.

PLACEMENT & WAGE DATA

www.WSUTECH.edu/Placement

Get historical data on job placement rates and average wages from WSU Tech graduates.