Aerospace Manufacturing Technology, AAS

CRN		COURSE NAME	CREDITS
		Technical Electives - 45	**45**
ENG	101	Composition I	3
		Communication Elective	**3**
		Humanities Elective	**3**
		Math Elective	**3**
		Social Science Elective	**3**

Technical Electives

CRN		COURSE NAME	CREDITS
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	122	Introduction to Light Sport Aircraft, Structural Assembly I, Flight Surfaces	
AER	126	Tooling Capstone	
AER	135	Quality Assurance Orientation	
AER	140	Assembly Mechanic Orientation	
AER	150	Assembly Overview I	
AER	155	Aerospace Plumbing	
AER	157	Advanced Assembly	
AER	162	Structural Assembly II, Tailcone & Empennage	
AER	165	Electrical Assembly Mechanic Orientation	
AER	166	Electrical Hand Tools	
AER	167	Drilling & Riveting/Ground Stud Installation	
AER	168	Wire Installation Drawings	
AER	169	Crimping & Cables	
AER	170	Fiber Optics for Aerospace	
AER	172	Structural Assembly III, Fuselage Center Section	
AER	175	Wire Bundle Basics	
AER	177	Structural Assembly IV, Bulkheads & Support Structures	
AER	180	Soldering	
AER	182	System Assembly V, Fuel System & Flight Controls	
AER	185	Wire Bundle Installation	
AER	187	System Assembly VI, Landing Gear & Power Plant	
AER	192	System Assembly VII, Avionics, Canopy, & Windows	
AER	197	System Assembly VIII, Final Assembly & Systems Test	
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	117	Hand & Power Tools	
AVC	120	Introduction to Sealing	
AVC	125	Bonding and Grounding	
AVC	127	Aviation Assembly Core	
AVC	135	Hand Tools	
AVC	137	Precision Measuring	
AVC	140	Electrical Bonding & Grounding	
AVC	145	Power Island	

*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.

Technical Elective (continued)

CRN		COURSE NAME	CREDITS
AVC	150	Human Factors	
AVC	155	Aircraft Manufacturing Advanced Fastening Practices	
AVC	160	Aircraft Control Surface Rigging	
AVC	165	Technical Writing	
AVC	170	Conflict Resolution	
AVC	190	Aerospace Applied Learning	
BUS	121	Business Communications	
CFT	101	Introduction to Composites	
CFT	106	Composite Finish Trim	
CFT	107	Composite Assembly	
CFT	112	Composite Assembly I	
CFT	113	Composite Assembly II	
CFT	130	Composite Fabrication Methods /Applications	
CFT	135	Overview of Composite Inspection	
CFT	140	Composite Inspection	
CWG	103	Blueprint Reading for Welders	
CWG	105	Welding Safety & Orientation	
CWG	110	Welding Applications	
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**

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   **$14,767.00**

*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

WSUTECH.edu/KBORplacement

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

KSDegreeStats.org