WATC

WICHITA AREA TECHNICAL COLLEGE

2016-2017

www.WATC.edu

Aerospace Manufacturing Technology, AAS

CRN		COURSE NAME	CREDITS
ORI	005	Manufacturing Orientation	0.00
AVC	102	Precision Instruments	1.00
AVC	104	Quality Control Concepts	1.00
AVC	105	Aircraft Familiarization	1.00
AVC	107	Fundamentals for Aerospace Manufacturing	1.00
AVC	110	Safety/OSHA 10	1.00
AVC	112	Blueprint Reading	2.00
AVC	120	Introduction to Sealing	1.00
AVC	125	Bonding and Grounding	1.00
AVC	135	Hand Tools	1.00
PDV	105	Global Professional Standards	2.00
		Technical Elective Credits - Minimum 9	9.00
BUS	121	Business Communications	3.00
CED	115	Computer Applications	3.00
MTH	101	Intermediate Algebra	3.00
		Technical Elective Credits - Minimum 6	6.00
ENG	101	Composition I	3.00
		Science Elective	5.00
		Technical Elective Credits - Minimum 6	6.00
LEN	100	Lean for Operations	3.00
NDT	114	Visual Inspection	3.00
		Communication Elective	3.00
		Social Science Elective	3.00
Tehcnical Electives			
AER	106	Aerospace Manufacturing Tooling Orientation	0.00
AER	111	Tap and Die	0.00
AER	115	Aerostructures Assembly	0.00
AER	116	Hand Power Tools for Aerospace Tooling	0.00
AER	126	Tooling Capstone	0.00
AER	135	Quality Assurance Orientation	0.00
AER	140	Assembly Mechanic Orientation	0.00
AER	150	Assembly Overview	0.00
AER	155	Aerospace Plumbing	0.00
AER	165	Electrical Assembly Mechanic Orientation	0.00
AER	166	Electrical Hand Tools	0.00
AER	167	Drilling & Riveting/Ground Stud Installation	0.00
AER	168	Wire Installation Drawings	0.00
AER	169	Crimping & Cables	0.00
AER	170	Fiber Optics for Aerospace	0.00
AER	175	Wire Bundle Basics	0.00
AER	180	Soldering	0.00
AER	185	Wire Bundle Installation	0.00
AVC	103	Geometric Dimensioning & Tolerancing	0.00
AVC	108	Aircraft Systems & Components	0.00
AVC	140	Electrical Bonding & Grounding	0.00
AVC	145	Power Island	0.00
AVC	150	Human Factors	0.00
AVC	165	Technical Writing	0.00
AVC	170	Conflict Resolution	0.00
CFT	101	Introduction to Composites	0.00
CFT	135	Overview Of Composite Inspection	0.00
Total			**62.00**

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

START DATES

June
August
October
January
March

LOCATION

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

COSTS*

PROGRAM TOTAL **$11,276.00**

*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.

SUCCESS RATE

This chart contains the results of the one-year follow-up study conducted of 2014 Wichita Area Technical College postsecondary program completers. WATC defines success as those graduates who have found placement in a job, the military or are enrolled in advanced study.

Eligible graduates contacted in follow-up study	6
Placement rate	100%

WAGES

BLS Data Source: Bureau of Labor Statistics (2012); Mean Wages of selected occupation in Wichita, KS. WATC does not guarantee the below wages.

Annually	Hourly
$37,390	$17.97