

AAS Applied Technology – MANUFACTURING

Program	Number of contact hours	Credit hours	Industry-recognized Certification/Licensure	Career Tech Center
Applied Engineering Technology	525	15	Must hold both: <ul style="list-style-type: none"> • Electronics Assembler • OSHA - 10 	Tulsa Technology Center
Certified Machine Technician	1050	30	Must hold the following: <ul style="list-style-type: none"> • National Institute for Metalworking Skills (NIMS) Measurement, Materials & Safety • NIMS Job Planning, Benchwork & Layout • NIMS CNC Turning: Operations • NIMS CNC Milling: Operations Must hold <u>one</u> of the following: <ul style="list-style-type: none"> • NIMS CNC Turning: Programming Setup & Operations <i>or</i> <ul style="list-style-type: none"> • NIMS CNC Milling: Programming Setup & Operations 	Tulsa Technology Center
Certified Machine Operator	525	15	Must hold the following: <ul style="list-style-type: none"> • National Institute for Metalworking Skills (NIMS) Measurement, Materials & Safety • NIMS Job Planning, Benchwork & Layout • NIMS CNC Turning: Operations • NIMS CNC Milling: Operations 	Tulsa Technology Center
Drafting	1050	30	Must hold the following: <ul style="list-style-type: none"> • Autodesk Inventor Certified User • Certified Solid Works Associate • Autodesk AutoCAD Certified User 	Tulsa Technology Center
Mechatronics Systems Technician	1050	30	Must hold the following: <ul style="list-style-type: none"> • National Institute for Metalworking Skills (NIMS) Industrial Technology Maintenance Basic Pneumatic Systems Level I 	Tulsa Technology Center

			<ul style="list-style-type: none"> • NIMS Industrial Technology Maintenance Basic Hydraulic Systems Level I • NIMS Industrial Technology Maintenance Basic Electrical Systems Level I 	
Welding Combination	1050	30	<p>Must hold the following:</p> <ul style="list-style-type: none"> • AWS Cutting Process Operator <p><u>And</u></p> <p>Any <u>two</u> of the following:</p> <ul style="list-style-type: none"> • AWS Gas Tungsten/Arc Welder • AWS Flux Cored Arc Welder • AWS Gas Metal Arc Welder • AWS Shielded Metal Arc Welder 	Tulsa Technology Center
Welding Fabricator	600	21	<p>Must hold the following:</p> <ul style="list-style-type: none"> • OSHA 10 • AWS Cutting Process Operator <p><u>One</u> of the following:</p> <ul style="list-style-type: none"> • AWS Flux Core • AWS Gas Metal Arc 	Tulsa Technology Center
Advanced Pre-Engineering PLTW	720-960	24-30	<ul style="list-style-type: none"> • PLTW End of Course Assessment, AP Testing, Autodesk (Inventor, Revit, OSHA 10) 	Tulsa Technology Center
Aerospace Structures	256	9	<ul style="list-style-type: none"> • CertTec Aviation Structures Technician • CertTec Basic Composites 	Tulsa Technology Center
Aviation Generals	700	42	<ul style="list-style-type: none"> • Federal Aviation Administration (FAA) General 	Tulsa Technology Center
Aviation Generals Airframe	1400		<ul style="list-style-type: none"> • Federal Aviation Administration (FAA) Airframe 	Tulsa Technology Center

Aviation Generals Powerplant	1400		<u>or</u> <ul style="list-style-type: none"> Federal Aviation Administration (FAA) Powerplant 	Tulsa Technology Center
AAS Applied Technology - DIGITAL MEDIA				
Digital Graphics	525	15	<ul style="list-style-type: none"> ACA Graphic Design and Illustrator with Adobe Illustrator ACA Visual Communication Using Adobe Photoshop 	Tulsa Technology Center
Visual Graphic Design	1050	30	<ul style="list-style-type: none"> ACA Graphic Design and Illustration with Adobe Illustrator ACA Visual Communication Using Adobe Photoshop ACA Print and Digital Media Publication Using Adobe InDesign 	Tulsa Technology Center
TV Production	1050	30	<ul style="list-style-type: none"> Media Composer Certified User Production Assistant (ODCTE) Producer (ODCTE) 	Tulsa Technology Center
Animation	1050	30	<ul style="list-style-type: none"> ACA Visual Communication Using Adobe Photoshop ACA Graphic Design and Illustration with Adobe Illustrator ACE Adobe After Effects 	Tulsa Technology Center
Multimedia Design	1050	30	<ul style="list-style-type: none"> ACA Visual Communication Using Adobe Photoshop ACA Graphic Design and Illustration with Adobe Illustrator ACE Adobe Premier Pro 	Tulsa Technology Center
AAS Applied Technology – BUSINESS SERVICES				
Legal Professional Assistant	1050	30	<ul style="list-style-type: none"> Accredited Legal Professional (ALP) 	Tulsa Technology Center
Accounting	525	15	<ul style="list-style-type: none"> Full-Charge Bookkeeper Accounts Payable Clerk Accounts Receivable Clerk 	Tulsa Technology Center

			<ul style="list-style-type: none"> • Payroll Clerk • Certiport QuickBooks User Certification • Brainbench: Data Entry 10-Key, Business Math, Account Payable Fundamentals, Accounts Receivable/Billing Fundamentals, Bookkeeping Fundamentals, Payroll Fundamentals 	
AAS Applied Technology - HEALTH SCIENCES				
EMR/EMT	502	15	<ul style="list-style-type: none"> • NREMT License • American Heart Association Heartsaver First Aid CPR AED • American Heart Association BLS Provider 	Tulsa Technology Center
Medical Health Records Clerk	525	15	<ul style="list-style-type: none"> • NCMOA Medical Office Assistant (National Center for Competency Testing) • Medical Terminology (Brainbench) • Medical Office Skills (Brainbench) 	Tulsa Technology Center
Medical Coding	930	27	<ul style="list-style-type: none"> • Certified Professional Coder - American Academy of Professional Coders (AAPC) • OSHA 10 Healthcare 	Tulsa Technology Center
Medical Assisting with Phlebotomy	630	21	<ul style="list-style-type: none"> • National Certified Medical Assistant (NCMA) • National Certified Phlebotomy Technician (NCPT) 	Tulsa Technology Center
Paramedic	1280	39	<ul style="list-style-type: none"> • NREMT License • Paramedic (NRP) <p>And must hold one of the following:</p> <ul style="list-style-type: none"> • Advanced Cardiovascular Life Support Provider (ACLS) • Pediatric Advanced Life Support Provider (PALS) 	Tulsa Technology Center

			<ul style="list-style-type: none"> • OK State Department of Health/Paramedic License • Pre-hospital Trauma Life Support Provider (PHTLS) 	
Pharmacy Technician	525	15	<ul style="list-style-type: none"> • Certified Pharmacy Technician • Pharmacy Technician (ExCPT) • CPR/FA • COMPOUNDED STERILE PREPARATION TECHNICIAN 	Tulsa Technology Center
Radiologic Technologist	2196	42	<ul style="list-style-type: none"> • American Registry of Radiologic Technologists (ARRT) Registered Technologist in Radiography {ARRT (R)} 	Tulsa Technology Center
Biomedical Sciences	960-1050	30	<ul style="list-style-type: none"> • CPR/First Aid • Medical Interventions • Principles of Biomedical Sciences • Human Body Systems 	Tulsa Technology Center
LPN	1463	42	<ul style="list-style-type: none"> • National Council Licensure Examination (NCLEX) for (registered or practical) nurses 	Tulsa Technology Center
Surgical Technology	1200	39	<ul style="list-style-type: none"> • National Board of Surgical Technology and Surgical Assisting (NBSTSA): Certified Surgical Technologist (CST™) 	Tulsa Technology Center
AAS Applied Technology - INFORMATION TECHNOLOGY				
Computer Repair and Network Support	525	15	<ul style="list-style-type: none"> • A+ CompTIA Software/Hardware • Microsoft Technology Associate - Networking Fundamentals 	Tulsa Technology Center
Cisco Network Associate	1050	30	<ul style="list-style-type: none"> • CCNA Routing and Switching-ICND2 • Cisco Certified Entry Network Technician (CCENT) ICND1 • Security Fundamentals (MTA) • Networking Fundamentals (MTA) • CCNA Composite • 	Tulsa Technology Center

Cyber Security	1050	30	<ul style="list-style-type: none"> • Security + • Windows Operating System Fundamentals (MTA) • Networking Fundamentals (MTA) • Windows Server Administration Fundamentals (MTA) • Security Fundamentals (MTA) 	Tulsa Technology Center
Windows Server Admin.	1050	30	<ul style="list-style-type: none"> • Installation, Storage and Compute with Windows Server 2016 (MCSA 70-740, MCP) • Cloud Fundamentals (MTA) • Windows Server Administration Fundamentals (MTA) • Server Administration Fundamentals (MTA) • Security Fundamentals (MTA) • Networking Fundamentals (MTA) • Networking with Windows Server 2016 (MCSA 70-741, MCP) • Server + (CompTIA) 	Tulsa Technology Center
Mobile App Development	525	15	<ul style="list-style-type: none"> • Fundamental of Technology • Programming Concepts • Java Programming 	Tulsa Technology Center
AAS Applied Technology- Public Service				
Criminal Justice Investigations	525	15	<ul style="list-style-type: none"> • Unarmed Security Guard • American Heart Association Heart Saver First Aid/CPR AED 	Tulsa Technology Center
Criminal Justice Practical Law	525	15	<ul style="list-style-type: none"> • NAED Emergency Telecommunications Certification • American Heart Association Heartsaver First Aid, CPR, AED 	Tulsa Technology Center