AAS Applied Technology – MANUFACTURING				
Program	**Number of contact hours**	**Credit hours**	**All Inudstry recognized certifications/licensures required unless otherwise noted.**	**Career Tech Center**
Applied Engineering Technology	525	14	•*Must hold 2 of the following 4:* •Electronics Assembler •OSHA - 10-General Industy, Manufacturing •Certified Production Technician Certification •MSSC Green Production Certificate	Tulsa Technology Center
Certified Machine Technician	1050	27	*Must have each below* •National Institute for Metalworking Skills (NIMS) Measurement, Materials & Safety •NIMS Job Planning, Benchwork & Layout •NIMS CNC Turning: Operations •NIMS CNC Milling: Operations *and must hold one of the following:* •NIMS CNC Turning: Programming Setup & Operations •or •NIMS CAM Milling Level 1 and NIMS CAM Turning Level 1	Tulsa Technology Center Northeast Tech
Certified Machine Operator	600	15	*Must hold all of the following:* •National Institute for Metalworking Skills (NIMS) Measurement, Materials & Safety •NIMS Job Planning, Benchwork & Layout •NIMS CNC Milling: Operations	Tulsa Technology Center
Aviation Airframe	672	17	*Must hold all of the following:* • Aviation Maintenance Technician-Airframe (AMA) •NCATT Aircraft Electronics Technician •Aviation Maintenance Technician-Generals (AMG)	Tulsa Technology Center

Aviation Powerplant	672	17	***Must hold all of the following:*** •　Aviation Maintenance Technician-Powerplant (AMP) •NCATT Aircraft Electronics Technician •Aviation Maintenance Technician- Generals (AMG)	Tulsa Technology Center
AAS Applied Technology - HEALTH SCIENCES				
Medical Health Records Clerk	525	14	***Must hold all of the following:*** •Medical Office Assistant (NCMOA) •Heartsaver First Aid, CPR, AED	Tulsa Technology Center
Medical Assisting with Phlebotomy	600	15	***Must hold all of the following:*** •National Certified Medical Assistant (NCMA) •National Certified Phlebotomy Technician (NCPT)	Tulsa Technology Center
Pharmacy Technician	525	14	***Must have all of the following:*** •Certified Pharmacy Technician, PTCB •New - Pharmacy Technician, Career Tech Testing Center •CPR/FA	Tulsa Technology Center
Biomedical Sciences PLTW	720	18	***Must have all of the following:*** •Medical Interventions •Principles of Biomedical Sciences •Human Body Systems	Tulsa Technology Center
LPN	1388	35	•National Council Licensure Examination (NCLEX) for (registered or practical) nurses	Tulsa Technology Center
AAS Applied Technology - INFORMATION TECHNOLOGY				

IT System Administration.	1050	27	**_Must have each of the following:_** •CompTIA IT Fundamentals (IFT+) -CompTIA Server +	Tulsa Technology Center
Mobile App Development	525	14	**_Must have the following:_** -Apple App Development with Swift Associate -Fundamentals of Technology	Tulsa Technology Center
AAS Applied Technology- Public Service				
Criminal Justice Investigations	525	**14**	**_Must have each of the following:_** •American Correctional Association Jail Standards •Basic Life Support Provider	Tulsa Technology Center
Criminal Justice Practical Law	525	14	**_Must have each of the following:_** •Basic Life Support Provider •Tulsa Police Department Dispatcher Training **_and add one of the following:_** -NAED Emergency Telecommunicator Certification, -ICS100: Introduction to Incident Command Systems -ICS200: Basic Incident Command System for Initial Response -ICS700B: An Introduction to the National Incident Management System and Traffic Incident Management	Tulsa Technology Center

Credit hour Calculation:

Typical Credit: MWF 50 min = 150 min x 16 wks = 2400 min or 40 hrs

For every hour in the classroom, a student is to spend 2 hrs outside of the classroom = 80 hrs

40 hrs (classroom) + 80 hrs (outside) = 120 hrs for a 3 credit hr course

Credit hour Calculation: contact hours / 120x3

Total Contact hours /40 = Credit hours awarded
where 40 = 50 minutes for each class session x 3 class sessions per week x 16 weeks per semester