

**AAS Applied Technology – MANUFACTURING**

<b>Program</b>	<b>Number of contact hours</b>	<b>Credit hours</b>	<b>All Inudstry recognized certifications/licensures required unless otherwise noted.</b>	<b>Career Tech Center</b>
CNC Machinist	960	24	<p><b><u>Must have each below</u></b></p> <ul style="list-style-type: none"> <li>•National Institute for Metalworking Skills (NIMS) Measurement, Materials &amp; Safety</li> <li>•NIMS Job Planning, Benchwork &amp; Layout</li> <li>•NIMS CNC Milling: Operations</li> </ul> <p><b><u>and must hold one of the following:</u></b></p> <ul style="list-style-type: none"> <li>•NIMS CNC Turning: Programming Setup &amp; Operations</li> <li>•or</li> <li>•NIMS CMCLathe Operations</li> </ul>	Tulsa Technology Center Northeast Tech
CNC Machine Operator	600	15	<p><b><u>Must hold all of the following:</u></b></p> <ul style="list-style-type: none"> <li>•National Institute for Metalworking Skills (NIMS) Measurement, Materials &amp; Safety</li> <li>•NIMS Job Planning, Benchwork &amp; Layout</li> <li>•NIMS CNC Milling: Operations</li> </ul>	Tulsa Technology Center
Aviation Airframe	672	17	<p><b><u>Must hold all of the following:</u></b></p> <ul style="list-style-type: none"> <li>• Aviation Maintenance Technician-Airframe (AMA)</li> <li>•NCATT Aircraft Electronics Technician</li> <li>•Aviation Maintenance Technician-Generals (AMG)</li> </ul>	Tulsa Technology Center
Aviation Powerplant	672	17	<p><b><u>Must hold all of the following:</u></b></p> <ul style="list-style-type: none"> <li>• Aviation Maintenance Technician-Powerplant (AMP)</li> <li>•NCATT Aircraft Electronics Technician</li> <li>•Aviation Maintenance Technician- Generals (AMG)</li> </ul>	Tulsa Technology Center

**AAS Applied Technology - HEALTH SCIENCES**

Patient Account Specialist	480	12	<b><u>Must hold:</u></b> Heartsaver First Aid, CPR, AED <b><u>And one of the following:</u></b> Medical Office Assistant (NCMOA) or Certified Medical Administration Assistant (CMAA)	Tulsa Technology Center
Medical Assisting with Phlebotomy	600	15	<b><u>Must hold all of the following:</u></b> •National Certified Medical Assistant (NCMA) •National Certified Phlebotomy Technician (NCPT)	Tulsa Technology Center
Pharmacy Technician	480	12	<b><u>Must have all of the following:</u></b> •Certified Pharmacy Technician, PTCB •New - Pharmacy Technician, Career Tech Testing Center •CPR/FA	Tulsa Technology Center
Biomedical Sciences PLTW	720	18	<b><u>Must have all of the following:</u></b> •Medical Interventions •Principles of Biomedical Sciences •Human Body Systems	Tulsa Technology Center
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<b>AAS Applied Technology - INFORMATION TECHNOLOGY</b>				
Mobile App Development	480	12	<b><u>Must have the following:</u></b> -Apple App Development with Swift Associate -Fundamentals of Technology -App Development with Swift Certified User	Tulsa Technology Center
<b>AAS Applied Technology- Public Service</b>				
Criminal Justice Investigations	480	12	<b><u>Must have each of the following:</u></b> •American Correctional Association Jail Standards •Basic Life Support Provider	Tulsa Technology Center

Criminal Justice Practical Law	480	12	<u><b>Must have each of the following:</b></u> -Basic Life Support Provider -Tulsa Police Department Dispatcher Training -ICS100: Introduction to Incident Command Systems	Tulsa Technology Center
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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

60