

MACHINING CAREER PATHWAY



\$37,662	PRODUCTION TECHNICIAN	\$41,128	MACHINIST 1	\$61,809	ENGINEERING TECHNOLOGIST	\$59,882	CNC PROGRAMMER	\$70,087	MACHINE SHOP SUPERVISOR	\$86,326	MANUFACTURING ENGINEER
Job requirements include: Foundational employability skills • Basic math • Basic computer skills • Written and verbal communication skills • Safety awareness • Drug free		Job requirements include: Basic geometry and trigonometry • Ability to machine parts from blueprints (manual & CNC) • Manual: Execute machining of parts, set appropriate feeds and speeds • CNC: G-Code & smart machining processes		Job requirements include: Advanced trigonometry • Interpret all types of blueprints • Make complex setups using optimal settings for efficiency • Run lathes, mills, CNC & manual • Train and mentor operators & entry-level machinists		Job requirements include: Write programs to meet specifications of blueprints, job orders • Monitor and correct machine programs for errors • Provide written and verbal instructions for machine operators		Job requirements include: Determine sequence of machine operations and appropriate machine tools • Interpret engineering drawings • Plan workflow, oversee production process		Job requirements include: Company competencies • Additional company training • Leadership skills • Communication skills • Previously listed/learned skills	
Entry-Level High School Diploma		One-Year Technical Certificate or Apprenticeship		One-Year Technical Certification, Apprenticeship and/or Extensive Work Experience		Previous education requirements as well as: On-the-job training / Associate Degree and Bachelor's Degree		Bachelors Degree		MANUFACTURING ENGINEER	
\$39,834		\$53,482		\$53,482		\$61,809		\$70,087		\$86,326	
MACHINE OPERATOR		MACHINIST 2		TEAM LEAD		ENGINEERING TECHNOLOGIST		CNC PROGRAMMER		MACHINE SHOP SUPERVISOR	
Job requirements include: Demonstrates use of machine safety and PPE • Inspect materials and parts • Maintain milling/turning equipment • Operates presses, grinders, hones		Job requirements include: Advanced trigonometry • Interpret all types of blueprints • Make complex setups using optimal settings for efficiency • Run lathes, mills, CNC & manual • Train and mentor operators & entry-level machinists		Job requirements include: Leadership • Communication skills • Machining Skills listed in previous job operations • Foundational employability skills • Written communication skills		Job requirements include: Write programs to meet specifications of blueprints, job orders • Monitor and correct machine programs for errors • Provide written and verbal instructions for machine operators		Job requirements include: Determine sequence of machine operations and appropriate machine tools • Interpret engineering drawings • Plan workflow, oversee production process		Job requirements include: Company competencies • Additional company training • Leadership skills • Communication skills • Previously listed/learned skills	

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