



CNC Machinist Certification Program

Start preparing for a challenging career today by enrolling in Northwest Florida State College's **CNC Machinist** certification program and be on your way to a career in the high-wage, high-demand world of Engineering Technology.

The **Engineering Technology (A.S.)** degree and certificate programs prepare students for employment and provide training for those employed in the manufacturing, electronics, aerospace, or other related industries. The program includes communication and technical skills, safe and efficient work practices, and a combination of theory and laboratory activities necessary to support engineering design, processes, production, testing, and product quality. This degree is a planned sequence of instruction consisting of the four specializations: **Advanced Technology, Digital Design and Modeling, Digital Manufacturing, and Mechanical Design and Fabrication**, with one common core. The 18 credit hour technical core is aligned with the Manufacturing Skills Standards Council's (MSSC) skills standards. After completing the core and the General Education requirements, students are eligible to take the exam forms SC Production Technician Certification. Students may also earn a College Credit Certificate in Machinist, Design and Drafting, Digital Manufacturing Specialist, Support Specialist, or Rapid Prototyping Specialist.

Will I be able to find a job? What does the job typically pay?

Demand for Mechanical Engineering Technicians is expected to grow by 9 percent from 2012 to 2020. Employment of industrial engineering technicians is expected to grow at the same rates as mechanical engineering technicians, with a median pay being \$42,200 per year, or \$20.27 per hour. The growing emphasis on cost control through increasing efficiency will keep up demand for industrial engineering technicians. Electrical and electronics engineering technicians have a median pay of \$53,800 per year, or \$25.85 per hour. There are numerous career opportunities for those who can master new software and technology, as well as traditional manual skills. Job titles include: Engineering Technologist, Production Technician, Computer Aided Design (CAD) operator, Computer Numerical Control (CNC) Operators, Mechanical Engineering Technology Technician, and Aerospace Technology Technician. Other job titles and average hourly salary rates include: Electrical & Electronic Drafter \$21.66 and Mechanical Engineering Technician \$20.27. (Percentages and statistics provided in this paragraph by DOL Occupational Outlook Handbook).

Where do I start?

For information or advising contact Ray Rickman, Chair of Advanced Technology & Design, at (850) 729-5218 or rickmanr@nwfsc.edu or visit.

