



# A CAREER-CHANGING OPPORTUNITY: Learn CNC Machining

**C**omputer Numerical Control (CNC) is state-of-the-art technology that allows automated machine tools to be controlled by computerized software. CNC technology enables a machine to function and move, based on instructions from a computer-based CNC specialist. This is made possible by using computer-aided design and manufacturing systems. Today, many more industries around the globe are making use of CNC technology in everything they produce and manufacture.

With manufacturers modernizing their systems, CNC specialists are replacing traditional machinists. Even many trades, such as metal, wood and stone, are upgrading to include CNC processes. These businesses now need workers with the relevant skills.

Over the next 20 years, projected statistics show that – in some industries – up to 40 per cent of all future jobs will be in a technology role or a skilled trade. These numbers suggest that employers are continuing to seek skilled people with up-to-date training and certification in their particular field. Indeed, many industries are experiencing skill shortages already. This is because a large segment of the

labour market has been engaged in so-called “white-collar” jobs, and the result is a serious lack of skilled trades workers.

The job opportunities in Computer Numerical Control are numerous. Baby boomers are either retiring or getting ready to retire. Industries are modernizing every year and skilled trades are not keeping up with the demand.

ITT trains CNC operators because the career opportunities are wide open and demand is ever-increasing. For the last 40 years, ITT has specialized in metal trades and understands the marketplace, employer needs, and the unique dynamics of each industry. At the end of the program, graduates of the registered Private Career College, possess the in-depth skills and technical savvy that employers want. In short, graduates are ready to work immediately.

Today, most modern production/manufacturing facilities require people who are experts with systems like SolidWORKS, AutoCAD, and MasterCAM. CNC classes at ITT provide complete and comprehensive training in these systems.

To meet the growing demand for skilled workers, ITT's CNC diploma program includes manual programming and setup as well as the oper-

ation of a CNC mill and lathe. Students develop proficiency in the 2D and 3D drawing production, using AutoCAD and SolidWORKS, and developing skills in MasterCAM through numerous hands-on, practical projects. Upon graduation, students do not need additional co-op training. They are work ready.

ITT is one of the finest training facilities in Canada. Student projects comply with the highest industry standards. Student training simulates the precise tolerances that industries expect in the real world. And the learning process is hands-on, with teachers highly qualified in their field. Class sizes at ITT are small to maximize time spent producing projects on the machines.

Financial limitations are not a good reason for opting out of an education. At ITT, students can take advantage of various options when financial assistance is required.

With 40 per cent of future jobs in the technologies, CNC graduates are in high demand in a wide variety of industry sectors. For those interested in the world of manufacturing, the Institute of Technical Trades is the best place to start.

Visit ITT online at [www.Learnncmachining.ca](http://www.Learnncmachining.ca) or call them at 1-800-461-4981 or 416-750-1950 to learn more. ●