

CNC Machining

Blended Learning Solutions for Advanced Manufacturing



Intelitek's CNC programs provide students with the academic, technical and employability skills they need in order to succeed in higher education and have rewarding careers in advanced manufacturing industries across the globe.

Recognized by leading organizations:



Authentic Learning Experiences for 21st Century Skills

Intelitek's CNC programs deliver career-readiness and industry skills to:

- ✓ High schools
- ✓ Community colleges
- ✓ Universities
- ✓ Industrial training classrooms

The multi-level curriculum provides adaptable pathways to success, enabling students to pursue certification, advanced degrees or immediate employment.

Our solutions include:

- ✓ Interactive e-learning curriculum
- ✓ CAD/CAM simulation software
- ✓ Mills and lathes CNC machines
- ✓ Full range of tooling and machine accessories

Each program that we implement is a partnership fully backed by our sustained support and professional development.





Complete Training Packages

E-learning Curriculum

With project and problem-based learning as essential education strategies, Intelitek content employs authentic activities and scenarios. This provides an immersive instructional experience that engages students and enhances the learning experience.

- ✔ Curriculum incorporates multiple instructional strategies by immersing students in exciting scenarios.
- ✔ Projects simulate the entire production/change order process used in manufacturing environments, providing an authentic learning experience.
- ✔ By working with the same process found in manufacturing environments, students learn leadership, communication, teamwork and global thinking.
- ✔ Students learn creative problem solving skills and discover how manufacturing careers enable them to change the world around them.

Simulation Software

CNCBase, which is provided with the machine, is an ideal tool for learning the fundamentals of CNC machining. This user-friendly control software gives users the ability to write and edit standard G&M code programs and view the simulated machining operation on-screen before cutting.

Supplements available:

CNCMotion

integrates interactive 3D simulation with CNCBase machine control software for dynamic simulation and graphic tracking of CNC mills and lathes machines.

Fanuc Control

simulation software to teach the most popular industrial CNC controls.

SpectraCam Milling and Turning Software

introduces students to the fundamentals of AM programs and their use in industry.

Equipment Optimized for Education

From simple engraving to rapid prototyping, Intelitek's advanced solutions offer a range of benchtop to large scale CNC machining and turning centers that meet the needs of students and trainees, from the most basic fundamentals to the highest levels of machining processes and applications.



BenchMill 6000



BenchTurn 7000



ProMill 8000



ProTurn 9000

The CNC machines fit comfortably into any classroom and require no assembly, arriving at your facility ready to run.

About Intelitek

Intelitek transforms education across the globe through comprehensive and innovative technology learning solutions that empower instructors and inspire students. We understand the changing needs of your career and technology classrooms, and design flexible solutions that meet those needs within the framework of any budget. Our sustainable support and professional development ensure the continued success of your programs. By helping to deliver the skills needed for in-demand careers, we are producing results for students, teachers, nations and economies.

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