




























LearnCNC™ for Haas - MMW 105

LearnCNC™ 3-Axis Mill/Lathe Operation and Programming

-
-  Course Introduction
-  Safety for Machining
-  Benchwork
-  Layout
-  Materials
-  Shop Mathematics Level 1
-  Shop Mathematics Level 2
-  Reading Manufacturing Blueprints
-  Precision Measurement
-  Machinist Calc Pro
-  Speeds and Feeds
-  CNC Lathe Setup (New Control)
-  CNC Lathe Setup (Old Control)
-  CNC Lathe Programming
-  3-Axis CNC Milling Machine Setup (New Control)
-  3-Axis CNC Milling Machine Setup (Old Control)
-  3-Axis CNC Milling Machine Programming
-  Haas Lathe Intuitive Programming System
-  Haas Mill Intuitive Programming System
-  NIMS Practice Test: Job Planning, Benchwork and Layout
-  NIMS Practice Test: Measurement, Materials and Safety
-  NIMS Practice Test: CNC Milling Operations
-  NIMS Practice Test: CNC Turning Operations
-  NIMS Practice Test: CNC Milling Programming
-  NIMS Practice Test: CNC Turning Programming

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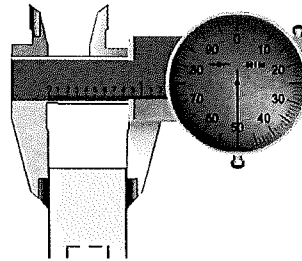
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- ▶ Core Skills
- ▶ CAD Software
- ▶ CNC Machining
- ▶ Advanced Manufacturing

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 For Educational or system pricing, please contact Sales at Contact Us-Sales



Core Skills

Core Skills is comprised of comprehensive instruction and exercises on foundational building courses for fields such as manufacturing, engineering, and quality. Refer to the Course tab for a complete list...

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Immerse2learn online training solutions are used to develop a skilled workforce in the fields such as engineering, manufacturing and automation. Our learning content is developed with industry experts and technology providers to ensure...

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 June 21 @ 8:00 am - June 24 @ 5:00 pm

HTEC 2016 National Conference
 July 18 @ 8:00 am - July 21 @ 5:00 pm

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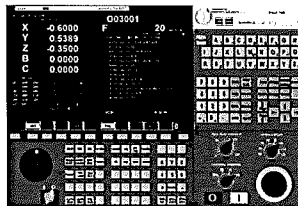
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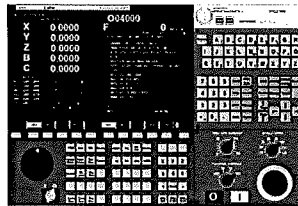
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Fanuc CNC 3-axis Mill

This course provides comprehensive instruction, exercises, and performance based virtual labs to learn the control panel and program a vertical 3 axis CNC milling machine with an industrial control panel. Upon completion...

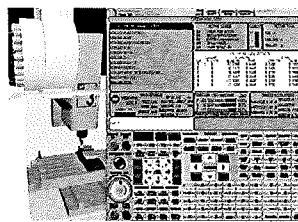
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Fanuc CNC Turning

This course provides comprehensive instruction, exercises, and performance based virtual labs to learn the control panel and program a CNC turning machine with an industrial control panel. Upon completion of each module the...

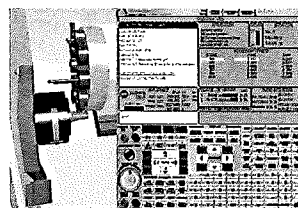
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Haas CNC 3-axis Mill

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Haas CNC Turning

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Learning Productivity Tool

Immerse2learn online training solutions are used to develop a skilled workforce in the fields such as engineering, manufacturing and automation. Our learning content is developed with industry experts and technology providers to ensure the most relevant information and assessments address the skills needed to be productive and succeed today's competitive workforce.

Learning solutions are available for companies, individuals and educators. Certificate and customized solutions focus on core knowledge and fundamental skills that can be applied to actual technology, process and critical decision making.

Total Training Solution

By combining multimedia such as true simulation, animation, video and audio with an easy-to-use Learning Management System (LMS), Immerse2learn delivers a comprehensive interactive environment to train, assess and certify.

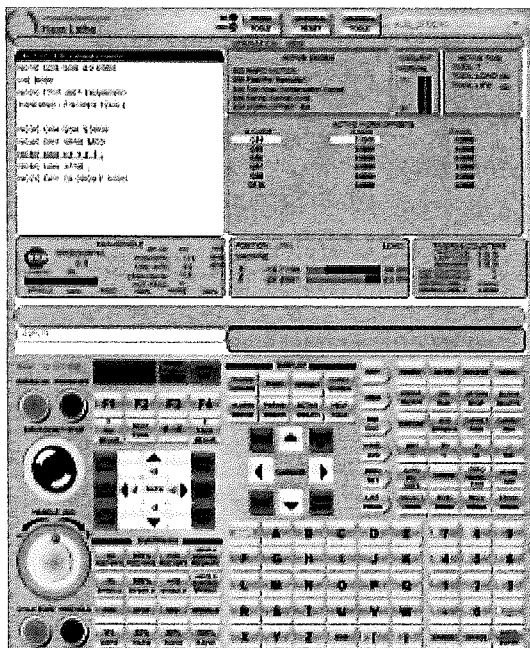
Train

Courses are designed based upon industry competencies and comprised of specific skills learning objectives. Skills learning objectives are delivered in an easy to understand by-step approach and is reinforced with interactive exercises, animations, and video. Since the courses are broken into focused modules, most learning sessions can be completed in less than 45 minutes.

By combining an easy-to-use Learning Management System (LMS) with a *Virtual Training Environment (VTE)*, Immerse2learn provides a powerful training environment used to simulate actual procedures and technology.

Virtual Training Environment (VTE) uses powerful "flight simulator" technology to deliver truly innovative learning experience. VTE for CNC, Robotics and other automation provides unlimited access to train and rehearse. This allows learners to develop greater confidence and proficiency prior to performing actual procedures and operating equipment.

Unlimited access to train and rehearse in a virtual environment enables students to develop greater confidence and proficiency prior to performing actual procedures and operating actual equipment.



VTE allows educators to:

- Overcome barriers such as access to equipment
- Increase training contact time
- Minimize risk of injury or equipment damage
- Real-world characteristics accurately mimic actual manufacturing systems such as:
 - Geometric Models
 - Motion
 - Program Language
 - Control Logic
 - Control Alarms
 - Control Types
 - Material Removal
- VTE's true 3D simulation and emulated controls provide a real-world learning experience.
- In VTE, user can:
 - Set work and tool offsets
 - Write, edit, and save programs
 - Load CAM output
 - Access a library of machines

Assess

All course skills learning objectives are aligned to assessments to accurately measure student comprehension. All assessment results recorded into an assessment report to provide a comprehensive student portfolio. Upon successful completion of courses, students are awarded earned. Upon receiving required badges in a discipline a certifica be awarded.

Certify

Since our learning Content is aligned to National recognized certification standards such as the National Institute of Metalworking Standards (NIMS), students can learn and prepare for other national certification assessments.

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