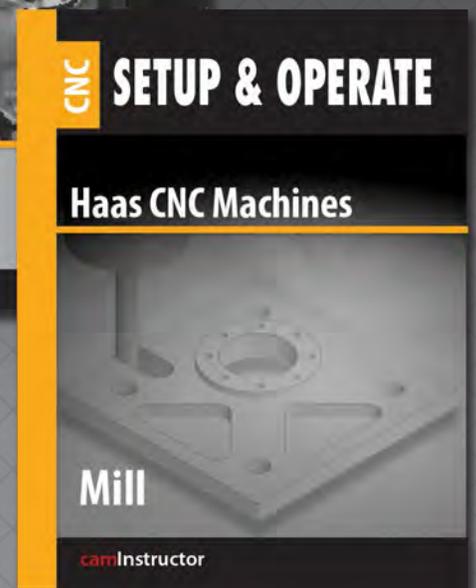


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TRAINING PRODUCTS



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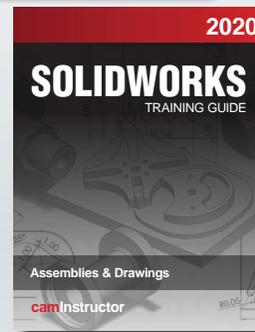
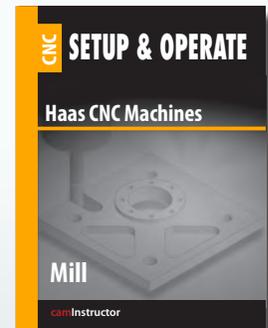
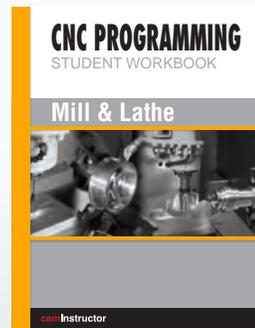


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- Content accessible *wherever there is internet access*
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Suitable for Colleges, Universities, Training Centers and High Schools

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| Mill 2D | 14 | 16 | ✓* | ✓ | ✓ | WCS Lessons, Dynamic Milling and High Speed Toolpaths. Learn to import solid model. |
| Mill 3D | 9 | 12 | ✓* | ✓ | ✓ | Create 3D Surfaces and Solids. Use 3D Surface and HS toolpaths. Learn to import solid model. |
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| 4 Axis | 5 | 10 | ✓* | ✓ | ✓ | Create a variety of Multi-Axis toolpaths. Learn to import solid models. |
| 5 Axis | 9 | 16 | ✓* | ✓ | ✓ | Create a variety of Multi-Axis toolpaths. Learn to import solid models. |
| Solids | 8 | 8 | ✓* | ✓ | ✓ | Learn how to create SOLID Models. |
| Wire | 7 | 7 | ✓* | ✓ | ✓ | Learn Geometry Creation (CAD) and toolpath creation (CAM) for programming a CNC Wire EDM. |

*For online access only

Combo packs and Teacher Resources available. See index for pricing.

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| Title | Lessons | Exercise Drawings | Videos | Features |
|-------------------------------|---------------------------|-------------------|--------|--|
| Sketching & Intro to Modeling | 8 Sketching 5 Modeling | 23 | ✓ | Creating sketches using a variety of sketching tools and creating parts using basic modeling techniques. |
| Modeling | 18 | 23 | ✓ | Creating a wide range of real world parts using beginner to intermediate tools and techniques. |
| Assemblies & Drawings | 2 Assemblies 5 Drawing | 2 | ✓ | Importing pre-existing components and using correct relations for mating parts. Learn how to create part drawings with standard views. |

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NIMS Prep - Excellent preparation for NIMS CNC Mill & Lathe Programming Level 1 & Level 2 Tests.



CNC PROGRAMMING

| Title | Lessons | Exercise Drawings | Videos | G-Code Software | Features |
|-----------|---------|-------------------|--------|-----------------|--|
| CNC Mill | 10 | 19 | ✓ | ✓ | Absolute and Incremental Programming, Linear Interpolation, Drilling with Canned Cycles, Circular Interpolation and Cutter Compensation. |
| CNC Lathe | 9 | 18 | ✓ | ✓ | Absolute and Incremental Programming, Linear Interpolation, Drilling, Turning—Canned Cycles, Circular Interpolation, Tool Nose Compensation and Grooving/ Parting Off. |

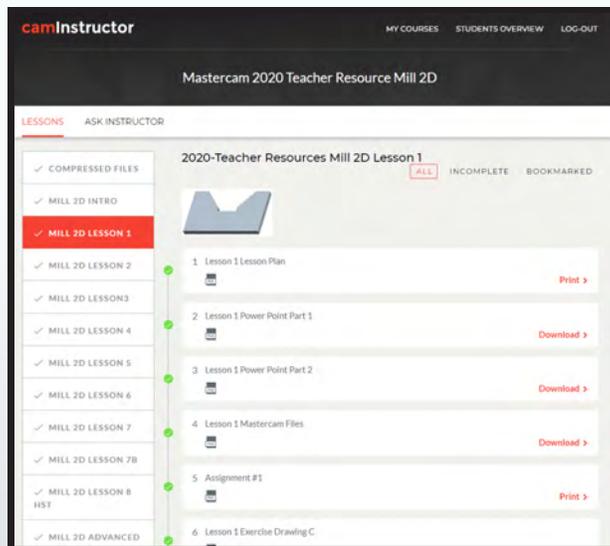
SETUP & OPERATE

| Title | Lessons | Videos | Features |
|------------------------------|---------|--------|---|
| Setup & Operate CNC Mill | 4 | ✓ | Learn how to setup and operate Haas 3 Axis CNC Milling Machines. Setting work tool offsets, verifying the program in the Haas Controller and running the program. |
| Setup & Operate CNC Lathe | 4 | ✓ | Learn how to setup and operate Haas CNC Lathes. Setting work tool offsets, verifying the program in the Haas Controller and running the program. |
| Setup & Operate CNC 4&5 Axis | 17 | ✓ | Learn how to setup and operate Haas 4&5 Axis CNC Milling Machines. Setting work tool offsets, verifying the program in the Haas Controller and running the program. |

Teacher Resources available. See index for pricing.

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Online Teacher Resources



MASTERCAM TEACHER RESOURCE - ONLINE ONLY **MILL 2D, MILL 3D, LATHE + C&Y AXIS, AND 4&5 AXIS**

- Works with Mill 2D, Mill 3D, Lathe + C&Y Axis, 4 & 5 Axis Training Guides and Online Access
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- Instructional Power Points for each Lesson
- Sample Mastercam files for each Lesson
- Advanced Lessons and Exercises included

CNC PROGRAMMING **TEACHER RESOURCE - ONLINE ONLY** **MILL & LATHE**

- Answers and solutions to all of the exercises in the CNC Programming Workbooks – Mill & Lathe
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SETUP & OPERATE TEACHER **RESOURCE - ONLINE ONLY** **MILL, LATHE AND 4&5 AXIS**

- Same content as in Books/Online Courses
- All proven CNC Programs for each Lesson in the Mill, Lathe and 4&5 Axis Content
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CERTIFICATE PROGRAM FOR MASTERCAM: EDUCATOR'S EDITION

Take your program to the next level by offering a certification program in Mastercam.

This program is for instructors using camInstructor materials in their program.

HOW DOES IT WORK?

Instructor becomes certified through a special online test.
Once certified, the instructor will receive an online Student Certification Kit.

Student Certification for Mastercam

WHAT IS PROVIDED?

Online Certification Kit: Includes drawings, instructions, power points, marking rubrics and completed test files.

Overview: Rules on administering the test including guidelines for times and test retakes.

Certificate: The certificates for the successful students will be printed by us and shipped to the instructor to sign.

FUN FACTS:

For over ten years, camInstructor has concentrated on and specialized ONLY on developing Mastercam training content. This has resulted in the creation of objective training content for the manufacturing company.

Number of certificates issued: Over 875

Number of people who wrote certificate tests: over 500

**camInstructor Certification Test for Instructors and Students - FREE for schools using the
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**FOR FULL DETAILS VISIT THE CERTIFICATION WEBSITE:
info.caminstructor.com/mastercam-certification-teachers**

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2021 ISBN: 978-1-988766-52-2

Mastercam Mill 3D—\$75

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2021 ISBN: 978-1-988766-53-9

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Mastercam 4 Axis

Mastercam 5 Axis

Mastercam Solids

Mastercam Wire

CNC Programming Mill

CNC Programming Lathe

Setup & Operate Mill

Setup & Operate Lathe

Setup & Operate 4&5 Axis

SOLIDWORKS—Sketching & Intro to Modeling

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Academic Online Pricing:

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\$25 for each additional module

\$150 maximum cost

Duration: 1 year

Minimum of 10 seats

Complimentary Teacher Resources

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