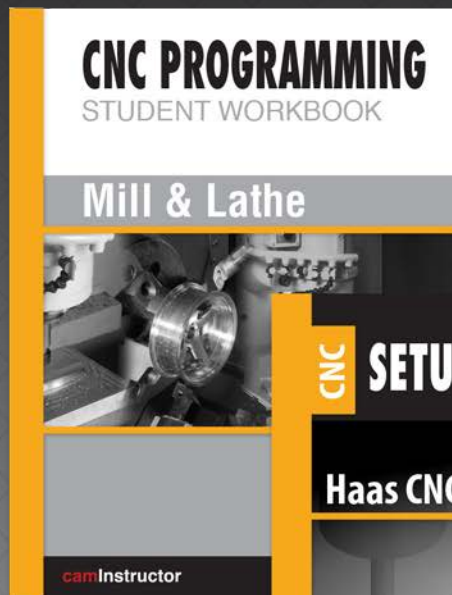
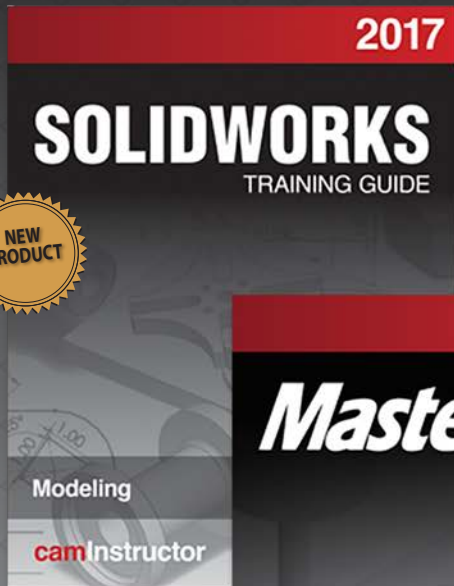




2017  
UPDATED

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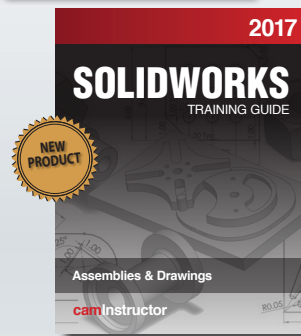
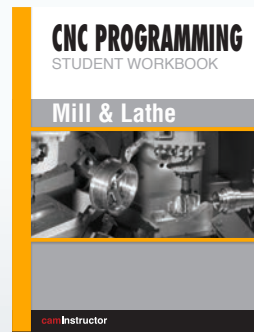
## TRAINING PRODUCTS



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ONLINE OR BOOKS, THE CHOICE IS YOURS

Choose from our full line of Mastercam, SOLIDWORKS and CNC training materials, available in both book or in an online format. Textbooks include online access to videos showing how to complete each lesson from beginning to end. All parts can be machined. Includes Mastercam Home Learning Software (HLE) and CNC Simulation Software for student home use, where applicable. Teacher Resources available.



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- Ability to *customize* your course content
- *License to print* step-by-step instructions
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- Ability for instructor to track *student progress*
- Automated *quizzes and tests*
- Built in *reporting*
- Content accessible *wherever there is internet access*
- Student Exercises and Teacher Resources
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Suitable for Colleges, Universities and Training Centers

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# Mastercam® TRAINING PRODUCTS

Mastercam Certification: Excellent preparation for the Mastercam Certification Tests.



Title	Lessons	Exercise Drawings	Automated Quizzes/Tests	Videos	HLE	Features
Mill 2D	12	16	✓*	✓	✓	WCS & FBM Lessons, Dynamic Milling and High Speed Toolpaths. Learn to import solid model
Mill 3D	7	12	✓*	✓	✓	Create 3D Surface. Use 3D Surface and HS toolpaths. Learn to import solid model.
Lathe	9	9	✓*	✓	✓	Create 2D Geometry, 2D Lathe and C Axis toolpaths. Learn to import solid model.
4 & 5 Axis	14	16	✓*	✓	✓	Create a variety of Multi-Axis toolpaths. Learn to import solid model.
Solid	9	9	✓*	✓	✓	Learn how to create SOLID Models.
Wire	8	8	✓*	✓	✓	Learn Geometry Creation (CAD) and toolpath creation (CAM) for programming a CNC Wire EDM.
Mastercam for SOLIDWORKS	19	19		✓	✓	Includes Mill 2D, 3D and Lathe. Learn to program parts directly into SOLIDWORKS, using toolpaths and machining strategies.

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

\*For online access only

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# CNC PROGRAMMING / SETUP & OPERATE BOOKS

Suitable for courses covering manual G-Code programming for both Mill and Lathe.

**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	8	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.

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

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# **SOLIDWORKS** TRAINING PRODUCTS

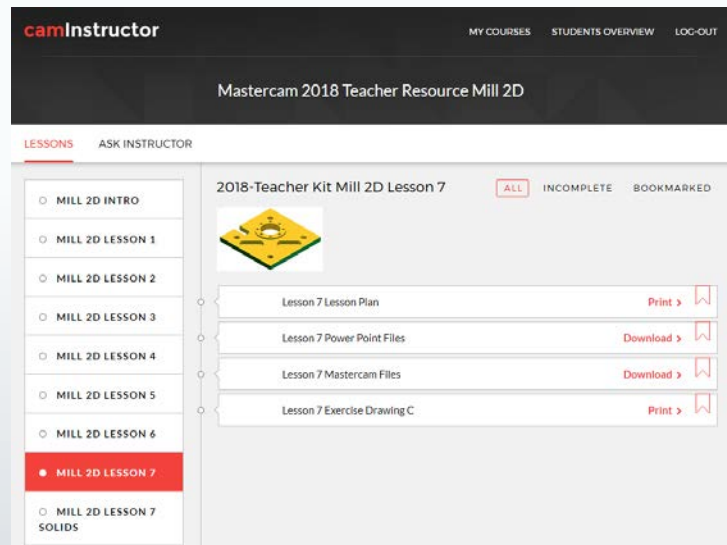


Title	Lessons	Exercise Drawings	Videos	Features
Sketching & Intro to Modeling	8 Sketching 5 Modeling	23	✓	Creating sketches using a variety of sketching tools and creating parts using basic modeling techniques.
Modeling	18	23	✓	Creating a wide range of real world parts using beginner to intermediate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

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

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# Online Teacher Resources



## MASTERCAM TEACHER RESOURCE - ONLINE ONLY MILL 2D, MILL 3D, LATHE AND 4&5 AXIS

- Works with Mill 2D, Mill 3D, Lathe, 4 & 5 Axis Training Guides and Online Access
- Lesson Plans outlining over 160 hours of instruction
- 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
- G-Code Simulation Software
- Instructional videos that teach the basics of CNC Programming for CNC Mills and Lathes

## 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
- Instructional Online Videos

**Price: \$275.00 or FREE with the purchase of 10 or more books, or an Academic Online Access**

**Please note associated Training Guides are not included in the Teacher Resource.**

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# Mastercam® TEACHER TRAINING

## 3 Week Instructor Led Online Training

4 COURSES TO CHOOSE FROM: MILL 2D, MILL 3D, LATHE or 4 AXIS

Our curriculum is hands-on. More than 75% of your time is dedicated to working on practical projects that allow you to apply what you learn. This unique approach provides you with the opportunity to learn from the comfort of your home or office, while still having access to our qualified instructors. Our instructors will guide you through the course, along with having the opportunity to dialogue and work with other teachers.

*"I completed the Mastercam 2017 teacher training with CamInstructor and I learned more than reading, and re-reading books for weeks at a time. Their teaching platform and instructors make it simple to follow the lesson plans, and they make the projects fun! I highly recommend any, and all of the courses offered by the CamInstructor team!"*  
CLASS OF AUGUST 2016 - GRAD

### What You'll Learn:

- Understanding & Teaching Mastercam
- CAD – Draw Wireframe Geometry
- CAM – The Popular Toolpaths In Mastercam
- Solid Models – Toolpath Solidworks & Inventor Part Files
- Dynamic & High Speed Toolpaths – How To (Mill Courses)
- Teacher Resources – Lesson Plans, Power Points, Tests, Quizzes

### Course Includes:

- Instructor led training
- Certificate – We send you a certificate of completion
- Teacher Resources – Access and Introduction to Teacher Resource Content and Student Monitoring
- Mastercam Online Course – 1 Year Access
- **Price: \$950.00**

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# ISBN # and ONLINE COURSE INDEX

## TRAINING GUIDES

### MASTERCAM:

**Mastercam Mill 2D—\$65**  
2017 ISBN : 978-1-927359-84-6  
2018 ISBN: 978-1-988766-00-3

**Mastercam Mill 3D—\$65**  
2017 ISBN: 978-1-927359-85-3  
2018 ISBN: 978-1-988766-01-0

**Mastercam Lathe—\$55**  
2017 ISBN: 978-1-927359-86-0  
2018 ISBN: 978-1-988766-02-7

**Mastercam 4&5 Axis—\$85**  
2017 ISBN: 978-1-927359-87-7  
2018 ISBN: 978-1-988766-06-5

**Mastercam Solids—\$65**  
2017 ISBN: 978-1-927359-89-1  
2018 ISBN: 978-1-988766-08-9

**Mastercam Wire—\$55**  
2017 ISBN: 978-1-927359-88-4  
2018 ISBN: 978-1-988766-07-2

**Mastercam Mill 2D & 3D—\$85**  
2017 ISBN: 978-1-927359-90-7  
2018 ISBN: 978-1-988766-03-4

**Mastercam Mill 2D/Lathe—\$96**  
2017 ISBN: 978-1-927359-91-4  
2018 ISBN: 978-1-988766-04-1

**Mastercam 2D/3D/Lathe—\$130**  
2017 ISBN: 978-1-927359-92-1  
2018 ISBN: 978-1-988766-05-8

### CNC PROGRAMMING:

**CNC Programming—\$30**  
ISBN: 978-1-897466-84-1

**CNC Programming Lathe—\$30**  
ISBN: 978-1-897466-83-4

**CNC Programming Mill & Lathe—\$55**  
ISBN: 978-1-897466-88-9

### NEW! SETUP & OPERATE CNC:

**Setup & Operate Mill—\$50**  
ISBN: 978-1-927359-96-9

**Setup & Operate Lathe—\$50**  
ISBN: 978-1-927359-97-6

**Setup & Operate 4&5 Axis—\$50**  
ISBN: 978-1-927359-70-9

**Setup & Operate Mill/Lathe/4&5 Axis—\$125**  
ISBN: 978-1-927359-69-3

### NEW! SOLIDWORKS:

**SOLIDWORKS 3 book set—\$130**  
ISBN: 978-1-988766-11-9  
Online set—\$100/1 year

## ONLINE COURSE MODULES

Mastercam 2D  
Mastercam 3D  
Mastercam Lathe  
Mastercam 4 Axis  
Mastercam 5 Axis  
Mastercam Solids  
Mastercam Wire  
Mastercam for SOLIDWORKS- Mill 2D  
Mastercam for SOLIDWORKS- Mill 3D  
Mastercam for SOLIDWORKS- Lathe  
CNC Programming Mill  
CNC Programming Lathe  
Setup & Operate Mill  
Setup & Operate Lathe  
Setup & Operate 4&5 Axis  
SOLIDWORKS—Sketching & Intro to Modeling  
SOLIDWORKS—Modeling  
SOLIDWORKS—Assemblies & Drawing

### Online Pricing:

\$75/student for any 2 modules\*  
\$25 for each additional module  
\$150 maximum cost  
Duration: 1 year  
Minimum of 10 seats  
Complimentary Teacher Resources  
\*\*Special rate for High Schools/Vo Techs

## ONLINE TEACHER RESOURCES\*

CNC Teacher Resource—\$275  
Online Only  
Mastercam Teacher Resource—\$275  
Online Only  
Setup & Operate Teacher Resource—\$275  
Online Only  
SOLIDWORKS Teacher Resource—  
coming soon  
\*Free Teacher Resource with any 10 or  
more products purchased.

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