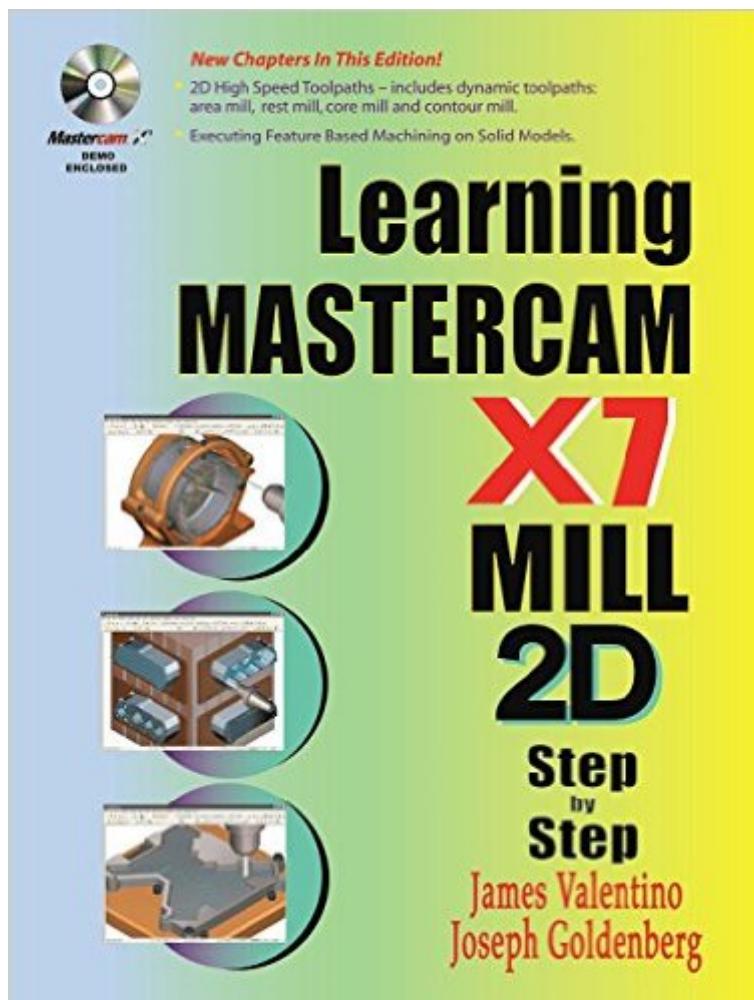


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# Learning Mastercam X7 Mill 2D Step By Step



## Synopsis

WARNING: a trial software of X7 in the accompanied CD has been expired; therefore, not downloadable. The exercises in the CD can be used.OverviewThis unique text presents a thorough introduction to Mastercam X7 Mill for students with little or no prior experience. It can be used in virtually any educational setting -- from four-year engineering schools to community colleges and voc/tech schools to industrial training centers -- and will also serve as a reliable reference for on-the-job use or as a self-study manual. The award-winning authors have carefully arranged the contents in a clear and logical sequence and have used many hundreds of visuals instead of wordy explanations. Two enclosed CDs contain Mastercam X7 Demo and also include examples and exercises from the text for student practice.

**Features**

- Emphasizes student-friendly graphical displays in place of long explanations and definitions.
- Includes an overview of the process of generating a word address program.
- Presents numerous examples that provide step-by-step instructions with graphical displays.
- Eliminates flipping between pages by featuring all explanations on the same page as the example.
- Contains exercises at the end of each chapter.
- Features a process plan for many machining exercises to indicate the machining operations to be performed and the tools to be used.
- All operations now done in Windows 7.
- Includes the new Verifier.
- Includes the new Code Expert.
- Features editing solid models imported from other CAD packages such as SolidWorks.

## Book Information

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## Customer Reviews

Valentino and Goldenberg are also authors of a one of the best "intro to CNC" books published in recent years. If you are new to industrial CNC or are taking a skilled trades course involving Mastercam then this instructional book will provide excellent value and in my opinion contains considerably more detail that is not found in the competing CamInstructor series of training guides that typically used in conjunction with the Haas CNC mills and lathes found at most technical colleges in North America skilled trades programs. It would be very interesting to hear from others how they compare this book and the comprehensive series by Matthew Manton and Duane Weidinger that is also highly recommended if you want to learn Mastercam 2D, 3D 4&5D axis CNC mill software. If you use Mastercam X7 2D Mill at your place of employment then this step by step training guide may still be very useful to you. I have heard more than one experienced user of Mastercam state that the software is so powerful they still are learning how to use its evolving functionality and new high speed toolpaths. If you are already an expert with older versions of Mastercam then this book will help serve as a reference to the new version released in 2013 assuming your employer hasn't sent you to an accelerated training course. One important caveat: The incorporation of the Mastercam Demo X7 HLE software on DVD and lessons are worth the purchase of the book alone. The included software will allow you to practice creating 2D mill geometry and assigning toolpaths, but will NOT allow you to output the result as G code that would make the part. To do that you will need to pay the folks at Mastercam for a seat and a valid SIM which with all the bells and whistles could easily run \$25K upfront.

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