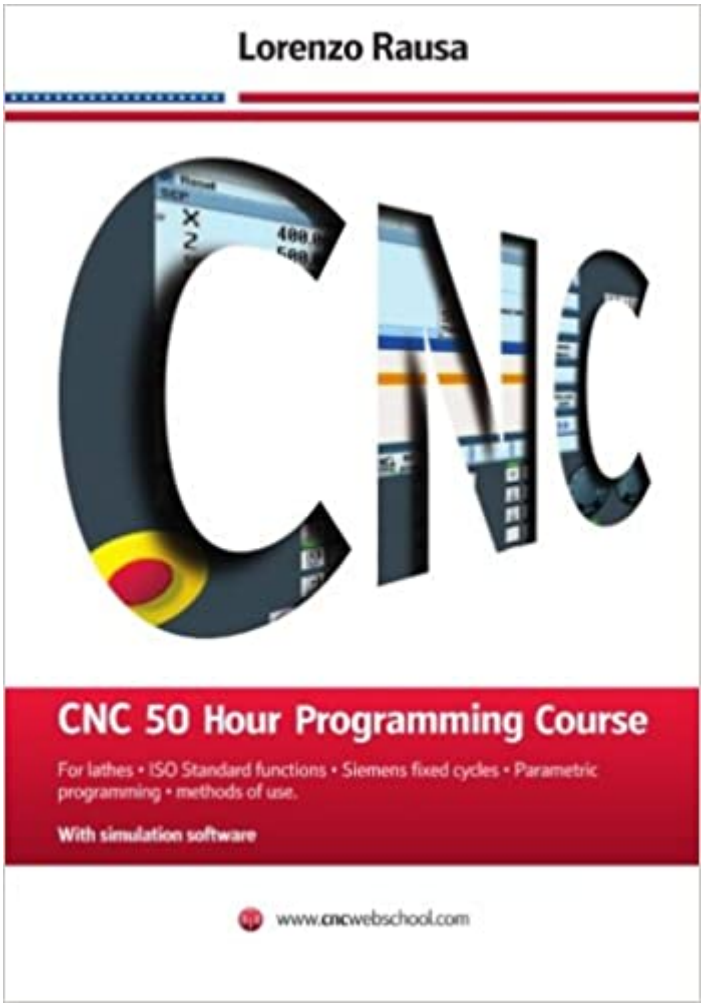
CNC 50 Hour Programming Course: For Lathes, ISO Standard Functions, Siemens Fixed Cycles, Parametric Programming, Methods Of Use



Synopsis

This book is designed for students and teachers who are looking for a programming course based on ISO standard language, with a special focus on numerically controlled lathes and in combination with a software able to reproduce a real NC on the computer and to perform a graphic simulation of the program created. The course, which is centered on a three-axis lathe (X, Z, C) with driven tools, is subdivided into 50 course hours. The license for the free use of the training and graphic simulation software, which may be downloaded from the Internet according to the instructions provided in the book, has a validity of sixty days. The total number of hours necessary for its completion will always be specified at the beginning of each chapter. This will allow the user to select the topics to be covered based on available time and to assess progress achieved by completion of the exercises within set timeframes. All the programs used during the explanations and the collection of the images contained in the book, which may be printed, viewed or displayed during the course at home or in the classroom may be downloaded from the website: cncwebschool.com. At the end of the course, the concepts applied to the programming of the lathe will be used to program a three-axis vertical mill (X, Y, Z). Finally, the book contains a list of technical terms and their translation from English into Italian and German.

Book Information

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Customer Reviews

Lorenzo Rausa, after completion of his Mechanical Engineering studies, majoring in Industrial Robotics, the author specialized in the field of Machine Tool Programming, development of teaching methods and staff training. He works for a multinational manufacturer of numerically controlled

machine tools and he teaches at Technical Institutes and Universities that offer Mechanical Engineering Majors.

This book is awesome if you want to make yourself more familiar with CNC programming. It allows you to "hands on" learn with a simulator. The book layout starts very simple and moves very seamlessly to more difficult ideas. I am not a cnc programmer I am a beginner just looking into the idea of machining/operating/programming and I will recommend and have recommended this book to others who are curious. I also want to make aware the excellent customer service the book offers via the website cncwebschool.com - I have had two problems with the simulator and had immediate help and correct answers to those problems through email.

Good for an intro for basic or multi-axis lathe. Not so much if the controller was installed by a integrator/industrial machines with handling functions or special options.

Good book for lathes

Excellent!

This is an excellent book for everyone. It is an indispensable resource for those with experience, and a great way to start for those without. It is well written and easy to follow. The simulation software hastens learning and is extremely useful. I would strongly recommend this for anyone interested in programming Siemens lathes.

CNC 50 Hour Programming Course: For lathes, ISO Standard functions, Siemens fixed cycles, parametric programming, methods of use Design for CNC: Practical Joinery Techniques, Projects, and Tips for CNC-Routed Furniture CNC Trade Secrets: A Guide to CNC Machine Shop Practices C++: The Ultimate Crash Course to Learning the Basics of C++ (C programming, C++ in easy steps, C++ programming, Start coding today) (CSS,C Programming, ... Programming,PHP, Coding, Java Book 1) Decoding The Hidden Market Rhythm - Part 1: Dynamic Cycles: A Dynamic Approach To Identify And Trade Cycles That Influence Financial Markets (WhenToTrade) Decoding The Hidden Market Rhythm - Part 2: Metonic Cycles: A Non-Linear Approach To Identify And Trade Cycles That Influence Financial Markets (WhenToTrade) (Volume 2) Decoding The Hidden Market Rhythm - Part 1: Dynamic Cycles: A Dynamic Approach To Identify And Trade Cycles That

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