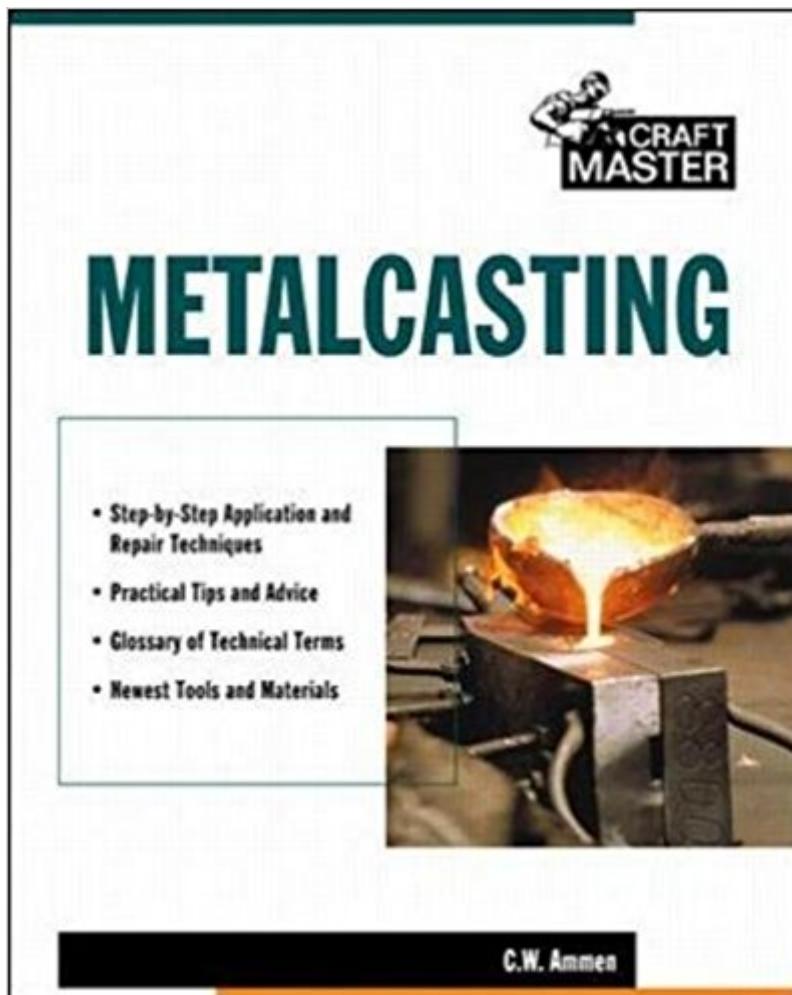


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# Metalcasting



## Synopsis

A-to-Z guide to low-volume metalcasting There's plenty of demand for one-shot or low production metalcasting job work, but the work often goes begging for lack of anyone to do it. Interested? Metalcasting by C.W. Ammen is packed with step-by-step guidelines for getting started and working effectively and efficiently in this time-honored craft. You get hands-on advice and cost-cutting tips, plus sound ideas for safety and productivity. In easy-to-understand language, this guide shows you how to use metalcrafting's tools and processes, casting and mold making...molding sands...molding equipment....metal melting, handling, and pouring devices...alloys...and more, including: \*Patination of cast metals \*Working with chemically-bonded molds \*Newest molding, casting, and pattern-making techniques A Frequently Asked Questions section anticipates and responds to typical beginner's queries about applications and repair techniques and other metalcasting issues.

## Book Information

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## Customer Reviews

Want to cast and finish an art bronze? Make one-of-a-kind jewelry piece? From finding supplies to using innovative casting, molding, and finishing techniques, this learn-as-you-go book - a hit with hobbyists for nearly 20 years - gives you an unbeatable introduction to the rewards of metalcasting. Packed with easy-to-follow instructions, illustrations, patterns, and more, Metalcasting helps you set up your home shop...design projects...work safely...and get professional results, even if you're a beginner. GET PROFESSIONAL METALCASTING RESULTS FROM THE START: Create works of

art, furniture, hobby items, jewelry, even machine parts. Use the latest bonded molds for quicker results; perform precision casting with new techniques; Make your own patterns with time-saving directions or use ready-made patterns in this book; Discover the many varieties of casting and molding you can learn step by step; Use the Croning Process, slush casting, the CO2 method, die casting, and more in your own shop; Finish your pieces beautifully with new patination techniques; Learn how to make your hobby profitable.

McGraw-Hill authors represent the leading experts in their fields and are dedicated to improving the lives, careers, and interests of readers worldwide

If you do not have any other books by the author, C. W. Ammen, then this is a good book. However, if you already have "The Metalcaster's Bible" or "Complete Handbook of Sandcasting" then you already have 90% of this book. Most of the illustrations and definitions are right out of these other two books. I was disappointed with this book because I already had the other two books and bought this book for the new information it contained. There's a picture of a permanent mold being poured on the cover with no further explanation in the book about it. Just a short definition. I had bought this book because I thought it dealt with this process in depth. It does not. The cover is misleading. There is however, a good section on building your own burn out oven for investment casting which is not in any of his other books. As in his other books, some of the definitions are somewhat sketchy. He refers to "sharp sand" throughout the book with no definition of what it is. He tells of a Nitric Acid test for silicon where you let the mixture boil. Does this mean dissolving the metal (bubbling) or actually boiling the acid over a stove. If you try the latter, it could have severe consequences. If I saw this book in a bookstore and had a chance to glance through the pages, I would not have bought it as it's almost a direct copy of his other books. If I did not have his other books, I would buy "The complete Handbook of Sand Casting" or the "Metal Caster's Bible" as they contain the same information and illustrations and are half the price.

son's metal casting class

Exactly what I wanted and expected.

great !

This book has tons of useful information! In my own opinion, the author uses advanced terms. I think, the book needs to use more basic terms. I found myself looking up a bunch of terms. But, in the end I do know more because of it. So in conclusion, be ready to look things up. Overall, I give the book 5 stars!!!

A good one, the book that show you how to do it, this is not a short book, but have everything you need to know. I recommend this widely. The info is complete and there is no doubts flying around and misunderstood.

Great job!!

Great

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