DELMAR CENGAGE Learning

PRECISION MACHINING TECHNOLOGY has been carefully written to align with the National Institute of Metalworking Skills (NIMS) Machining Level I Standard and to support achievement of NIMS credentials. This new text carries NIMS' exclusive endorsement and recommendation for use in NIMS-accredited Machining Level I Programs. It's the ideal way to introduce students to the excitement of today's machine tool industry and provide a solid understanding of fundamental and intermediate machining skills needed for successful 21st Century careers.

With an emphasis on safety throughout and a fresh view of the role of modern machining in today's economic environment, this book covers such topics as the basics of hand tools, job planning, benchwork, layout operations, drill press, milling and grinding processes, CNC. The companion Workbook/Shop Manual contains helpful review material to ensure that readers have mastered key concepts and provides guided practice operations and projects on a wide range of machine tools that will enhance their NIMS credentialing success.

Features of this book

- Introduces students to the field of precision machining as it is practiced today
- Endorsed by the National Institute for Metalworking Skills (NIMS)
- Written in an easy to read and understand manner that meets the needs and capabilities of students with little or no technical background
- Contains detailed four-color photographs and illustrations that show many step-by-step procedures, making the material easier for students to understand

Precision Machining Technology
Peter J. Hoffman, Eric S. Hopewell, Brian Janes & Kent M. Sharp, Jr.
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608 Pages, Hardcover
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Contents

Supplements

Instructor's Resource CD-ROM
ISBN: 978-1-4354-4776-9
Provides ExamView® computerized test bank, PowerPoint® lecture slides that present the highlights of each chapter, Lesson Plans, NIMS correlations, Image Library of images taken from the text, and an Answer Key to the end of chapter review questions.

Workbook/Shop Manual
ISBN: 978-1-4354-4768-4
Reinforces the text and offers practical "hands on" learning exercises and use of critical thinking skills. It contains helpful review material to ensure that students have mastered key concepts in the book, guided practice operations and projects on a wide range of machine tools that will enhance their NIMS credentialing success.