Surveying, 6th Edition
Jack C. McCormac, Wayne A. Sarasua, William J. Davis

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DESCRIPTION

Surveying Sixth Edition is designed to cover the standard topics in a basic surveying course in a streamlined manner, meeting the learning needs of today's student. This text provides comprehensive yet concise coverage of the essential skills necessary in surveying and civil engineering, such as measurement, distance corrections, leveling, angles, area computation, computer calculations, topographic surveying, electronic distance measuring instruments, and construction surveying. The text includes photos and diagrams, lists of useful addresses and degree programs, surveying tables, and formulas. New co-authors Wayne A. Sarasua and William J. Davis bring a fresh perspective to this classic text.

This text is suitable for students in a one-semester course at two and four-year colleges taking their first course on surveying.

ABOUT THE AUTHOR

Jack C. McCormac is a retired Clemson civil engineering professor named by the Engineering News Record as one of the top 125 engineers or architects in the world in the last 125 years for his contributions to education. McCormac has authored or co-authored seven engineering textbooks, with more than half a million copies now in print. His current books have been adopted at more than 500 universities throughout the world. McCormac holds a BS in civil engineering from the Citadel, an MS in civil engineering from Massachusetts Institute of Technology and a Doctor of Letters from Clemson University. Named an Alumni Distinguished
Professor, he taught at Clemson for approximately thirty-four years before retiring in 1989. He is included in the International Who's Who in Engineering.

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NEW TO EDITION

• New co-authors Wayne A. Sarasua and William J. Davis bring a fresh perspective to this classic text.

• Expanded coverage of modern surveying instruments, particularly total stations.

• Coverage of the latest technologies, including laser scanning, and new developments in Global Positioning Systems (GPS) and enhanced coverage of Geographic Information Systems (GIS).

• Additional example problems help strengthen student comprehension of important concepts.

• Revised homework problems in every chapter reinforce acquisition and retention of surveying techniques.

• The Surveying Software (developed by Dr. Ron Williams, Minnesota State University) is available on the book website and provides the means for solving many common surveying problems.

FEATURES

• This text is suitable for students in a one-semester course at two and four-year colleges taking their first course on surveying.

• Concise and clearly written, providing an accessible introduction of surveying for undergraduate students.

• Paperback format provides ease-of-use for students doing field-based work.
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