



# Exploring Engineering: An Introduction to Engineering and Design (Hardback)

By Robert T Balmer, William D Keat, George Wise

Elsevier Science Publishing Co Inc, United States, 2015.

Hardback. Book Condition: New. 4th Revised edition. 239 x 193

mm. Language: English . Brand New Book. Exploring

Engineering, Fourth Edition: An Introduction to Engineering and

Design presents the emerging challenges engineers face in a

wide range of areas as they work to help improve our quality of

life. In this classic textbook, the authors explain what engineers

actually do, from the fundamental principles that form the basis

of their work to the application of that knowledge within a

structured design process. The text itself is organized into three

parts: Lead-On, Minds-On, Hands-On. This organization allows

the authors to give a basic introduction to engineering methods,

then show the application of these principles and methods, and

finally present a design challenge. This book is an ideal

introduction for anyone interested in exploring the various fields

of engineering and learning how engineers work to solve

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