



Understanding Engineering Mathematics

By Bill Cox

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Understanding Engineering Mathematics By Bill Cox

Students today enter engineering courses with a wide range of mathematical skills, due to the many different pre-university qualifications studied. Bill Cox's aim is for students to gain a thorough understanding of the maths they are studying, by first strengthening their background in the essentials of each topic. His approach allows a unique self-paced study style, in which students Review their strengths and weaknesses through self-administered diagnostic tests, then focus on Revision where they need it, to finally Reinforce the skills required.

Understanding Engineering Mathematics is structured around a highly successful 'transition' maths course at Aston University which has demonstrated a clear improvement in students' achievement in mathematics, and has been commended by QAA Subject Review and engineering accreditation reports.

- A core undergraduate text with a unique interactive style that enables students to diagnose their strengths and weaknesses and focus their efforts where needed
- Ideal for self-paced self-study and tutorial work, building from an initially supportive approach to the development of independent learning skills
- Lots of targeted examples and exercises

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Editorial Review

Review

"Most of syllabi covered with all steps included involved examples. Plenty of basic maths" --**Senior Lecturer**

"Good readability and relevant for the Foundation year with practical examples" --**College Programme Director**

From the Publisher

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About the Author

Cox is with Aston University, UK.

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