DESCRIPTION

Everyone knows that engineers must be good at math, but many students fail to realize just how much writing engineering involves: reports, memos, presentations, specifications—all fall within the purview of a practicing engineer, and all require a polished clarity that does not happen by accident. *A Guide to Writing as an Engineer* provides essential guidance toward this critical skill, with practical examples, expert discussion, and real-world models that illustrate the techniques engineers use every day.

Now in its Fifth Edition, this invaluable guide has been updated to reflect the most current standards of the field, and leverage the eText format to provide interactive examples, Engineering Communication Challenges, self-quizzes, and other learning tools. Students build a more versatile skill set by applying core communication techniques to a variety of situations professional engineers encounter, equipping them with the knowledge and perspective they need to succeed in any workplace. Although suitable for first-year undergraduate students, this book offers insight and reference for every stage of a young engineer’s career.

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• Enhanced eText format features author audio introductions to each chapter, plus show/hide functionality for selected problems

• Supplemental writing exercises can be used as assignments or independent practice

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• Updated discussion of design reports, social media, and library research reflect the current real-world work environment

FEATURES

• Eases the writing and revision process by focusing on eliminating “noise” rather than errors and poor writing

• Uses practical examples and real-world model specifications to crystallize new ideas

• Covers everyday workplace communications as well as engineering-specific documents

• Offers expert insight on research, planning, and accessing information for reports

• Provides in-depth guidance on ethics in engineering communication, with sample IEEE formatting for citations and references

• Includes coverage of social media and online content curation for building a brand or professional reputation

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