

January 2025

Professional skills:

An online reading list from the IET Library



These eBooks and ejournals, available to IET members via the [IET Library](#), have been selected on the topic of professional skills. They cover topics such as building your career, engineering ethics, and leadership.



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eBooks

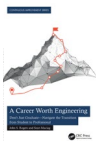
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eBooks

Career development



[A Career Worth Engineering : Don't Just Graduate - Navigate the Transition From Student to Professional, John S. Rogers and Sean Maciag. \(2024\).](#) This book is designed to accelerate career growth and help individuals achieve their full potential, goals, and confidence in the engineering field.



[Advance : The Ultimate How-To Guide For Your Career, Gary Burnison. \(2020\).](#) Includes advice on taking your career to the next level, career development tips and guidance on being seen and heard.



[Navigating the Engineering Organization : A New Engineer's Guide, Robert M. Santer. \(2023\).](#) This guide shows new engineers how to quickly operate and succeed within their new engineering organization.



[Practical Career Advice for Engineers : Personal Letters From an Experienced Engineer to Students and New Engineers, Radovan Zdero. \(2021\).](#) A series of personal conversation-style letters that offers practical career advice to all engineers.

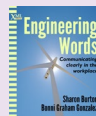
Ethics and working practices



[Ethics for People Who Work in Tech, Marc Steen. \(2022\).](#) Introduces ethics in an accessible manner with practical examples, outlines of different ethical traditions, and practice-oriented methods.



[Work Together Anywhere : A Handbook on Working Remotely -Successfully- for Individuals, Teams, and Managers, Lisette Sutherland and Kirsten Janene-Nelson. \(2020\).](#) Packed with hands-on materials and actionable advice for cultivating agility and collaboration.



[Engineering Words : Communicating Clearly in the Workplace, Sharon Burton and Bonni Graham Gonzalez. \(2023\).](#) This book covers everything from the basics of clear writing to résumés to cover letters to requirements documents to presentations and much more.

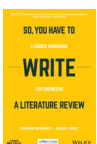


[Technology Ethics : Responsible Innovation and Design Strategies, Steven Umbrello. \(2024\).](#) This book delves into the intricate narratives that shape our understanding of technology – from instrumentalist views to social constructivism.

Interviews and technical writing



[Cracking the Data Engineering Interview: Land Your Dream Job with the Help of Resume-building Tips, Over 100 Mock Questions, and a Unique Portfolio, Kedeisha Bryan and Taamir Ransome. \(2023\).](#) Explores the fundamental concepts of data engineering interviews.



[So, You Have to Write a Literature Review : A Guided Workbook for Engineers, Catherine Berdanier and Joshua Lenart. \(2020\).](#) Presents a dynamic and practical method in which engineering students can learn to write literature reviews.



[Hack the Cybersecurity Interview : A Complete Interview Preparation Guide for Jumpstarting Your Cybersecurity Career, Ken Underhill et al. \(2022\).](#) Get your dream job and set off on the right path to achieving success in the cybersecurity field with expert tips.

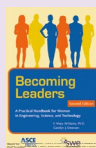


[Technical Writing For Dummies, Sheryl Lindsell-Roberts. \(2023\).](#) This book offers a master class on how to build a career writing user manuals, e-learning, streaming, simulations, and more.

Leadership



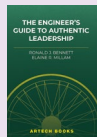
The Leader Lab: Core Skills to Become a Great Manager, Faster, Tania Luna and LeeAnn Renninger. (2021). This book combines research, tools, and an approachable style that makes it a valuable professional resource.



Becoming Leaders : A Practical Handbook for Women in Engineering, Science, and Technology. Mary F. Williams and Carolyn J. Emerson. (2019). Williams and Emerson update their popular handbook for professional women in engineering, science, and technology.



Engineering Manager's Handbook : An Insider's Guide to Managing Software Development and Engineering Teams, Morgan Evans. (2023). A comprehensive guide to engineering management packed with tips, tricks, and techniques to drive results.



The Engineer's Guide to Authentic Leadership, Ronald J. Bennett and Elaine R. Millam. (2024). This book is written for technical professionals who aspire to move up the career ladder or are already on that path and helps its reader grow both professionally and personally.

Women in STEM



Women of Color in Tech : A Blueprint for Inspiring and Mentoring the Next Generation of Technology Innovators, Susanne Tedrick. (2020). This book aims to help you overcome the obstacles that often prevent women of color from pursuing and staying in tech careers.



Empowering Women in STEM : Working Together to Inspire the Future, Sanya Mathura. (2024). Women and men from across the globe share their stories across various fields of STEM detailing diverse career goals and paths.

eJournals

Career Development Quarterly (Articles on career assessment and measurement, career counseling practices, career indecision, case histories and work and family.)

International Leadership Journal (Focused on leadership, including theory and research, education and development, practice and application.)

Journal of Career Development (Provides professionals with the most up-to-date concepts, ideas, and methodology in career development theory, research, and practice.)

Journal of Business Ethics (Original articles and reviews concerning ethical issues related to business)

Journal of Engineering Education (Publishes articles on the field of engineering education, including the knowledge and competencies possessed by engineers.)

Advances in Engineering Education (Focuses on advances in engineering education practice including innovations in course and curriculum design, teaching, and assessment.)

Harvard Business Review (Presents analysis of management problems and helpful commentary on all fields of management and administration.)