

Professional skills: An online reading list from the IET Library



These eBooks and ejournals, available to IET members via the [Virtual 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

Career development



[Engineering In Perspective: Lessons For A Successful Career, Tony Ridley. \(2017\)](#). This book discusses how important it is that a successful engineer has good interpersonal skills coupled with a deep understanding of social, economic and political factors.



[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. \(2022\)](#).v 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.



[Lean Six Sigma and Statistical Tools for Engineers and Engineering Managers, Wei Zhan and Xuru Ding. \(2016\)](#). The book focuses on the introduction of the basic concepts, processes, and tools used in Lean Six Sigma.

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.



[Technical Writing : A Practical Guide for Engineers, Scientists, and Nontechnical Professionals, Phillip A. Laplante. \(2019\)](#). This book enables readers to write, edit, and publish materials of a technical nature, including books, articles, and reports.



[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.

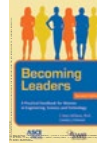


[So, You Have to Write a Literature Review : A Guided Workbook for Engineers, Scientists, and Nontechnical Professionals, Catherine Berdanier and Joshua Lenart. \(2020\)](#). Presents a dynamic and practical method in which engineering students can learn to write literature reviews.

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.



Future-Ready Leadership : Strategies for the Fourth Industrial Revolution, Chris R. Groscurth. (2019). Provides executive leadership teams with information, tools, and advice they need to lead their organizations into the future of work.



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.

Women in STEM



Empowering Women in STEM : Personal Stories and Career Journeys From Around the World, Sanya Mathura. (2022). A mix of authors from varying backgrounds all share their journeys to inspire readers to either enter or stay within STEM fields.



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.

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 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.)