

IET Library Reading List: Career Development



These ebooks and ejournals, available via the IET Virtual Library, have been selected to assist with career development. They cover topics such as communication, education, the future of work and leadership.

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Ebooks (provided by EBSCO and Knovel)

Effective Team Leadership for Engineers, Pat Wellington and Niall Foster. (2009). Packed with practical information, advice and case studies, this book not only presents you with the insights to get your team rapidly up to speed and working to their full potential, but also shows how to problem solve, and keep the team on track through turbulent times.

Communications Skills for Project Managers, Michael G. Campbell. (2009). This book provides readers with the skills they need for ensured project success, every time. Communications Skills for Project Managers provides practical advice and strategies for ensuring success, even in the face of shifting organizational priorities, constantly evolving expectations, and leadership turnover.

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, camaraderie, and collaboration, Work Together Anywhere is a thorough and inspiring must-have guide for getting ahead in today's remote-working world.

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.

Becoming Leaders : A Practical Handbook for Women in Engineering, Science, and Technology, Mary F. Williams and Carolyn J. Emerson. (2019). In this second edition, Williams and Emerson update their popular handbook for professional women in engineering, science, and technology with timely information and practical tips for career success.

Future-Ready Leadership: Strategies for the Fourth Industrial Revolution, Chris R. Groscurth. (2019). Provides executive leadership teams with the information, tools, and advice they need to lead their organizations into the future of work, characterized by transformative, smart, and connected technologies already under way, including artificial intelligence, the internet of things, and automation.

The Future of Work : Robots, AI, and Automation, Darrell M. West. (2018). This book presents a number of proposals to help people deal with the transition from an industrial to a digital economy.

Engineering In Perspective: Lessons For A Successful Career, Tony Ridley. (2017). This book discusses how important it is that a successful engineer has not only traditional engineering skills but also good interpersonal skills coupled with a deep understanding of social, economic and political factors.

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. A unique feature is the detailed discussion on Design for Six Sigma aided by computer modeling and simulation.

The Future of the Professions: How Technology Will Transform the Work of Human Experts, Richard Susskind and Daniel Susskind. (2015). The Future of the Professions explains how increasingly capable systems from telepresence to artificial intelligence will bring fundamental change in the way that the practical expertise of specialists is made available in society.

Ejournals (provided by EBSCO)

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

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, and how these are learned and assessed.)

Engineering Management Journal (Articles and features related to the management of engineering and technical professionals.)

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 advanced thinking and practice in all fields of management and administration.)

Further resources from the IET

- Communities and Networks
- Factfiles
- IET Digital Library
- Technical Webinars

Help and contacts

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IET members can access the Virtual Library via the single sign-on (SSO) service. If you are experiencing difficulties logging in via the SSO please contact the membership services team at membership@theiet.org.

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