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Resolving Moral Issues in Business. The ethical landscape of business is constantly changing, and the new edition of Business Ethics: Concepts and Cases has been revised to keep pace with those changes most effecting business: accelerating globalization, constant technological updates, proliferating of business scandals. Business Ethics: Concepts and Cases introduces the reader to the ethical concepts that are relevant to resolving moral issues in business; imparts the reasoning and analytical skills needed to apply ethical concepts to business decisions; identifies moral issues specific to a business; provides an understanding of the social, technological, and natural environments within which moral issues in business arise; and supplies case studies of actual moral conflicts faced by businesses. This Books à la Carte Edition is an unbound, three-hole punched, loose-leaf version of the textbook and provides students the opportunity to personalize their book by incorporating their own notes and taking only the portion of the book they need to class – all at a fraction of the bound book price. Teaching and Learning Experience Personalize Learning - MyThinkingLab delivers proven results in helping students succeed, provides engaging experiences that personalize learning, and comes from a trusted partner with educational expertise and a deep commitment to helping students and instructors achieve their goals. Improve Critical Thinking - Business Ethics: Concepts and Cases provides summaries of basic ideas discussed within the text in its margins; presents conceptual materials first, and then offers discussion cases second through standardized chapters; all providing students the chance to critically think about the material they are learning. Engage Students - Study questions at the beginning of each chapter, definitions of key terms in the margins, a glossary, chapter-end study and discussion questions, end-of-chapter web resources, and chapter-opening concrete examples / cases all ensure students' complete understanding of the material. Support Instructors - Teaching your course just got easier! You can create a Customized Text or use our Instructor's Manual, Electronic " MyTest " Test Bank or PowerPoint Presentation Slides. Note: MyThinkingLab does not come automatically packaged with this text. To purchase MyThinkingLab, please visit [www.MyThinkingLab.com](http://www.MyThinkingLab.com) or you can purchase a valuepack of the text + MyThinkingLab (VP ISBN-10: 0205029760, VP ISBN-13: 9780205029761)

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An exploration of the ethics of practical engineering through analyses of eighteen rich case studies The Ethical Engineer explores ethical issues that arise in engineering practice, from technology transfer to privacy protection to whistle-blowing. Presenting key ethics concepts and real-life examples of engineering work, Robert McGinn illuminates the ethical dimension of engineering practice and helps students and professionals determine engineers' context-specific ethical responsibilities. McGinn highlights the " ethics gap " in contemporary engineering—the disconnect between the meager exposure to ethical issues in engineering education and the ethical challenges frequently faced by engineers. He elaborates four " fundamental ethical responsibilities of engineers " (FEREs) and uses them to shed light on the ethical dimensions of diverse case studies, including ones from emerging engineering fields. The cases range from the Union Carbide pesticide plant disaster in India to the Google Street View project. After examining the extent to which the actions of engineers in

the cases align with the FEREs, McGinn recapitulates key ideas used in analyzing the cases and spells out the main lessons they suggest. He identifies technical, social, and personal factors that induce or press engineers to engage in misconduct and discusses organizational, legal, and individual resources available to those interested in ethically responsible engineering practice. Combining probing analysis and nuanced ethical evaluation of engineering conduct in its social and technical contexts, *The Ethical Engineer* will be invaluable to engineering students and professionals. Meets the need for engineering-related ethics study Elaborates four fundamental ethical responsibilities of engineers Discusses diverse, global cases of ethical issues in established and emerging engineering fields Identifies resources and options for ethically responsible engineering practice Provides discussion questions for each case

Featuring a wide range of international case studies, *Ethics, Technology, and Engineering* presents a unique and systematic approach for engineering students to deal with the ethical issues that are increasingly inherent in engineering practice. Utilizes a systematic approach to ethical case analysis -- the ethical cycle -- which features a wide range of real-life international case studies including the Challenger Space Shuttle, the Herald of Free Enterprise and biofuels. Covers a broad range of topics, including ethics in design, risks, responsibility, sustainability, and emerging technologies Can be used in conjunction with the online ethics tool Agora (<http://www.ethicsandtechnology.com>) Provides engineering students with a clear introduction to the main ethical theories Includes an extensive glossary with key terms

This volume identifies, discusses and addresses the wide array of ethical issues that have emerged for engineers due to the rise of a global economy. To date, there has been no systematic treatment of the particular challenges globalization poses for engineering ethics standards and education. This volume concentrates on precisely this challenge. Scholars and practitioners from diverse national and professional backgrounds discuss the ethical issues emerging from the inherent symbiotic relationship between the engineering profession and globalization. Through their discussions a deeper and more complete understanding of the precise ways in which globalization impacts the formulation and justification of ethical standards in engineering as well as the curriculum and pedagogy of engineering ethics education emerges. The world today is witnessing an unprecedented demand for engineers and other science and technology professionals with advanced degrees due to both the off-shoring of western jobs and the rapid development of non-Western countries. The current flow of technology and professionals is from the West to the rest of the world. Professional practices followed by Western (or Western-trained) engineers are often based on presuppositions which can be in fundamental disagreement with the viewpoints of non-Westerners. A successful engineering solution cannot be simply technically sound, but also must account for cultural, social and religious constraints. For these reasons, existing Western standards cannot simply be exported to other countries. Divided into two parts, Part I of the volume provides an overview of particular dimensions of globalization and the criteria that an adequate engineering ethics framework must satisfy in a globalized world. Part II of the volume considers pedagogical challenges and aims in engineering ethics education that is global in character.

*Engineering Management: Meeting the Global Challenges* prepares engineers to fulfill their managerial responsibilities, acquire useful business perspectives, and take on the much-needed leadership roles to meet the challenges in the new millennium. Value addition, customer focus, and business perspectives are emphasized throughout. Also underlined are discussions of leadership attributes, steps to acquire these attributes, the areas engineering managers are expected to add value, the web-based tools which can be aggressively applied to develop and sustain competitive advantages, the opportunities offered by market expansion into global regions, and the preparations required for engineering managers to become global leaders. The book is organized into three major sections: functions of engineering management, business fundamentals for engineering managers, and engineering management in the new millennium. This second edition refocuses on the new strategy for science, technology, engineering, and math (STEM) professionals and managers to meet the global challenges through the creation of strategic differentiation and operational excellence. Major revisions include a new chapter on creativity and innovation, a new chapter on operational excellence, and combination of the chapters on financial accounting and financial management. The design strategy for this second edition strives for achieving the T-shaped competencies, with both broad-based perspectives and in-depth analytical skills. Such a background is viewed as essential for STEM professionals and managers to exert a strong leadership role in the dynamic and challenging marketplace. The material in this book will surely help engineering managers play key leadership roles in their organizations by optimally applying their combined strengths in engineering and management.

Packed with examples pulled straight from recent headlines, *ENGINEERING ETHICS, Sixth Edition*, helps engineers understand the importance of their conduct as professionals as well as reflect on how their actions can affect the health, safety and welfare of the public and the environment. Numerous case studies give readers plenty of hands-on experience grappling with modern-day ethical dilemmas, while the book's proven and structured method for analysis walks readers step by step through ethical problem-solving techniques. It also offers practical application of the Engineering Code of Ethics and thorough coverage of critical moral reasoning, effective organizational communication, sustainability and economic development, risk management, ethical responsibilities, globalized standards for engineering and emerging challenges relating to evolving technology. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

In a world permeated by digital technology, engineering is involved in every aspect of human life. Engineers address a wider range of design problems than ever before, raising new questions and challenges regarding their work, as boundaries between engineering, management, politics, education and art disappear in the face of comprehensive socio-technical systems. It is therefore necessary to review our understanding of engineering practice, expertise and responsibility. This book advances the idea that the future of engineering will not be driven by a static view of a closed discipline, but rather will result from a continuous dialogue between different stakeholders involved in the design and application of technical artefacts. Based on papers presented at the 2016 conference of the forum for Philosophy, Engineering and Technology (fPET) in Nuremberg, Germany, the book features contributions by philosophers, engineers and managers from academia and industry, who discuss current and upcoming issues in engineering from a wide variety of different perspectives. They cover topics such as problem solving strategies and value-sensitive design, experimentation and simulation, engineering knowledge and education, interdisciplinary collaboration, sustainability, risk and privacy. The different contributions in combination draw a comprehensive picture of efforts worldwide to come to terms with engineering, its foundations in philosophy, the ethical problems it causes, and its effect on the ongoing development of society.