

## Express Series English For Logistics Oxford Business English

"This book offers the latest research within the field of HAIS, surveying the broad topics and collecting case studies, future directions, and cutting edge analyses, investigating biologically inspired algorithms such as ant colony optimization and particle swarm optimization"--

Introduction to Global Logistics offers a step-by-step guide to global logistics. Covering the breadth of logistics, this highly accessible text is illustrated by engaging case studies of market leaders. In this comprehensive second instalment of Global Logistics Strategies, John Manners-Bell provides an in-depth definition, description and exploration of the strategic principles and practices in transportation modes and supply chain verticals, including: freight forwarding, contract logistics, shipping, road freight, air cargo and express. The book also examines major sectors, including automotive, chemical, pharmaceutical, retail, consumer, and high tech. Introduction to Global Logistics offers a detailed examination of key topics, including: how the logistics industry has developed, how it is influenced by macro-economic factors and demand-side trends, what the risks are to the industry, and how it will develop over the coming years. It examines important trends and developments that are shaping the industry, including 3D printing, megacities, and post-harvest food losses. Online resources available: Chapter-supporting lecturer slides.

When a virulent flu epidemic sweeps through Moscow killing hundreds of thousands of inhabitants, Anya and her husband Sergey decide to flee to a lake in the far north of Russia where they hope to sit out the epidemic. But as the wave of infection expands from the capital, they encounter obstacles, hazards, and aggression, with near escapes from death as they try to navigate their way through a harsh Russian winter, with diminishing supplies of petrol and food. And their troubles multiply as Sergey agrees to take on unwelcome guests and Anna struggles with her own feelings of hostility and jealousy.

Engaging topics, motivating role-plays, and a variety of exercises provide a framework for each specialist subject Tip boxes in each unit include key language points, useful phrases, and strategies STARTER section at the beginning of each unit has warm-up and awareness-raising activities OUTPUT sections at the end of each unit encourage discussion and reflection Answers, transcripts, and a glossary of useful phrases at the back of each book Self-study material on the interactive Multi-ROM includes realistic listening extracts and interactive exercises for extra practice

This book chronicles the dramatic last-minute saves and turnarounds Federal Express engineered from its inception to the present. It also introduces the remarkable individuals whose flexibility and creativity made a fledgling startup into one of the great success stories.

John Norris shows how logistics, though less glamorous than details of the fighting itself, played a decisive role in the outcome of every campaign and battle of World War Two. The author marshals some astounding facts and figures to convey the sheer scale of the task all belligerents faced to equip vast forces and supply them in the field. He also draws on first-hand accounts to illustrate what this meant for the men and women in the logistics chain and those depending on it at the sharp end. Many of the vehicles, from supply trucks to pack mules, and other relevant hardware are discussed and illustrated with numerous photographs. This first volume of two looks at the early years of the war, so we see, for example, how Hitler's panzer divisions were kept rolling in the Blitzkrieg (a German division in 1940 still had around 5000 horses, requiring hundreds of tonnes of fodder) and the British army's disastrous loss of equipment at Dunkirk. This is a fascinating and valuable study of a neglected aspect of World War Two.

The digital transformation is in full swing and fundamentally changes how we live, work, and communicate with each other. From retail to finance, many industries see an inflow of new technologies, disruption through innovative platform business models, and employees struggling to cope with the significant shifts occurring. This Fourth Industrial Revolution is predicted to also transform Logistics and Supply Chain Management, with delivery systems becoming automated, smart networks created everywhere, and data being collected and analyzed universally. The Digital Transformation of Logistics: Demystifying Impacts of the Fourth Industrial Revolution provides a holistic overview of this vital subject clouded by buzz, hype, and misinformation. The book is divided into three themed-sections: Technologies such as self-driving cars or virtual reality are not only electrifying science fiction lovers anymore, but are also increasingly presented as cure-all remedies to supply chain challenges. In The Digital Transformation of Logistics: Demystifying Impacts of the Fourth Industrial Revolution, the authors peel back the layers of excitement that have grown around new technologies such as the Internet of Things (IoT), 3D printing, Robotic Process Automation (RPA), Blockchain or Cloud computing, and show use cases that give a glimpse about the fascinating future we can expect. Platforms that allow businesses to centrally acquire and manage their logistics services disrupt an industry that has been relationship-based for centuries. The authors discuss smart contracts, which are one of the most exciting applications of Blockchain, Software as a Service (SaaS) offerings for freight procurement, where numerous data sources can be integrated and decision-making processes automated, and marine terminal operating systems as an integral node for shipments. In The Digital Transformation of Logistics: Demystifying Impacts of the Fourth Industrial Revolution, insights are shared into the cold chain industry where companies respond to increasing quality demands, and how European governments are innovatively responding to challenges of cross-border eCommerce. People are a vital element of the digital transformation and must be on board to drive change. The Digital Transformation of Logistics: Demystifying Impacts of the Fourth Industrial Revolution explains how executives can create sustainable impact and how competencies can be managed in the digital age - especially for sales executives who require urgent upskilling to remain relevant. Best practices are shared for organizational culture change, drawing on studies among senior

leaders from the US, Singapore, Thailand, and Australia, and for managing strategic alliances with logistics service providers to offset risks and create cross-functional, cross-company transparency. The Digital Transformation of Logistics: Demystifying Impacts of the Fourth Industrial Revolution provides realistic insights, a ready-to-use knowledge base, and a working vocabulary about current activities and emerging trends of the Logistics industry. Intended readers are supply chain professionals working for manufacturing, trading, and freight forwarding companies as well as students and all interested parties.

The fundamental mathematical tools needed to understand machine learning include linear algebra, analytic geometry, matrix decompositions, vector calculus, optimization, probability and statistics. These topics are traditionally taught in disparate courses, making it hard for data science or computer science students, or professionals, to efficiently learn the mathematics. This self-contained textbook bridges the gap between mathematical and machine learning texts, introducing the mathematical concepts with a minimum of prerequisites. It uses these concepts to derive four central machine learning methods: linear regression, principal component analysis, Gaussian mixture models and support vector machines. For students and others with a mathematical background, these derivations provide a starting point to machine learning texts. For those learning the mathematics for the first time, the methods help build intuition and practical experience with applying mathematical concepts. Every chapter includes worked examples and exercises to test understanding. Programming tutorials are offered on the book's web site.

Shipping and Logistics Management serves to consolidate the knowledge its authors have acquired from being educators and observers of the shipping industry. Against the background of a global business environment, it explains how the shipping market functions, examining the strategic and operational issues that affect entrepreneurs in this industry. The authors discuss global trends and strategies in the shipping business, looking at the role of logistics service providers and at how the use of information technology can help shipping operations. Shipping and Logistics Management also aims to answer several important questions in the shipping industry, including: what are the shipping cost structures?, what are the patterns of sea transport? and how do companies in the shipping industry operate? An invaluable source of information for researchers and advanced, or graduate, students, Shipping and Logistics Management is also a useful reference for shipping practitioners and consultants.

Heavy industrialization in the past few decades has caused several global environmental issues including poor air quality, climate change, and outdoor air pollution-related diseases. As such, consumer pressure coupled with strict governmental policies have influenced firms to adopt and implement green practices in their supply chain and business operations in order to improve socio-environmental sustainability. Global Perspectives on Green Business Administration and Sustainable Supply Chain Management is an essential reference book that discusses innovative green practices including recycling, remanufacturing, reduction in waste and adoption of renewable energy in manufacturing. It also examines environmentally friendly policies that have been adopted by many European and Western countries. Featuring coverage on a broad range of topics such as energy analysis, environmental protections, and logistics development, this book is ideally designed for managers, operations managers, executives, manufacturers, environmentalists, researchers, industry practitioners, academicians, and students.

An expanding series of short, specialist English courses for different professions, work skills, and industries.

In today's economy every business executive is looking for ways to reduce costs and improve customer satisfaction. Most of the usual steps, like cutting payroll, reducing expenses, and negotiating better deals, have been exhausted. Business leaders are now looking for new ideas to achieve their goals. In many organizations, reverse logistics is an area of untapped opportunity that can have a positive impact on both customers and earnings. It takes leadership and resources in order to take advantage of these opportunities but the payback can be significant. If you are new to the world of returns management the question is "How do you find hidden profits in reverse logistics?" "An Executive's Guide To Reverse Logistics" has the answers. If you are a supply chain executive who needs to understand more about reverse logistics, or if you are a CEO or CFO looking for ways to reduce the financial impact of product recalls and customer returns, this book is for you. "An Executive's Guide To Reverse Logistics" is filled with explanations, facts, process flows, diagrams, tools, and best practices developed over the authors' combined 40 years of hands-on, reverse logistics experience. Simply put, this book is a roadmap that will help you find hidden profits by managing returns.

Business Logistics Management 4e covers concepts and theories relating to the movement of goods, the coordination of supply chain, the most recent advances in logistics technology, the exchange of information, and the impact on business within the logistics management framework.

Urban Freight Transportation Systems offers new insights into the complexities of today's urban freight transport system. It provides a much needed multidisciplinary perspective from researchers in not only transportation, but also engineering, business management, planning and the law. The book examines numerous critical issues, such as strategies for delivery, logistics and freight transport spatial patterns, urban policy assessment, innovative transportation technologies, urban hubs, and the role factories play in the urban freight transport system. The book offers a novel conceptual approach for addressing the problems of production, logistics and traffic in an urban context. As most of the world's population now live in cities, thus significantly increasing commercial traffic, there are numerous challenges for efficiently and sustainably delivering goods into cities. This book provides solutions and tactics to those challenges. Includes interdisciplinary contributors from around the globe Provides never-before-published original research to help users stay current and develop a deeper understanding of the field Presents the methods and results of research that is useful for both academics and practitioners

Why study air cargo? Consider that this sector moves only 2% of the global volume of goods but a huge 35% by value, reserved for the most costly and time-sensitive products. Air logistics is an economically and strategically important industry, and a rich source of opportunity for graduating students and logistics or SCM professionals. Get a head start in this vital part of your business with this comprehensive and lively overview. It's the only book available to focus on the role of air freight in the global supply chain. It includes a brief history; the functions of the various players in the industry (forwarders, airlines, airports, government agencies); regulations and restrictions; terrorism management. It details the benefits of air transport, and weighs them against its

considerable environmental impact to explore the question of its sustainability. Finally, it considers the future of the industry in a dynamic and increasingly globalised world. Enriched throughout with real life case studies and contributions from global industry experts, this is a ground-level introduction with a practical approach: all the student or professional will need to get ahead in air logistics!

The managed flow of goods and information from raw material to final sale also known as a "supply chain" affects everything--from the U.S. gross domestic product to where you can buy your jeans. The nature of a company's supply chain has a significant effect on its success or failure--as in the success of Dell Computer's make-to-order system and the failure of General Motor's vertical integration during the 1998 United Auto Workers strike. Supply Chain Integration looks at this crucial component of business at a time when product design, manufacture, and delivery are changing radically and globally. This book explores the benefits of continuously improving the relationship between the firm, its suppliers, and its customers to ensure the highest added value. This book identifies the state-of-the-art developments that contribute to the success of vertical tiers of suppliers and relates these developments to the capabilities that small and medium-sized manufacturers must have to be viable participants in this system. Strategies for attaining these capabilities through manufacturing extension centers and other technical assistance providers at the national, state, and local level are suggested. This book identifies action steps for small and medium-sized manufacturers--the "seed corn" of business start-up and development--to improve supply chain management. The book examines supply chain models from consultant firms, universities, manufacturers, and associations. Topics include the roles of suppliers and other supply chain participants, the rise of outsourcing, the importance of information management, the natural tension between buyer and seller, sources of assistance to small and medium-sized firms, and a host of other issues. Supply Chain Integration will be of interest to industry policymakers, economists, researchers, business leaders, and forward-thinking executives.

The Fourth Industrial Revolution is now transforming logistics and supply chain industries. Consumer habits are changing fast and supply chains are having to adapt to meet the challenges created by this dynamic new environment. Traditional logistics operating models are under threat. Incumbent freight operators across the entire transport and warehousing spectrum have been forced to develop strategies to effectively compete with new start-ups. The Logistics and Supply Chain Innovation Handbook provides a comprehensive overview of all the major new technologies and business models currently under development and looks at this process of disruption in detail. The Logistics and Supply Chain Innovation Handbook covers many important topics, such as crowd sourcing and shipping, on-demand delivery, autonomous vehicles, automation in the warehouse, electric vehicles and alternative fuels. It provides readers with a straightforward and easy to understand assessment of these innovations and their impact on the industry. Online supporting resources include PowerPoints and sample case studies.

Global Logistics Strategies offers a step-by-step guide to global logistics. Covering the breadth of logistics, this highly accessible text covers everything you need to know and is illustrated by engaging case studies of market leaders such as DHL. In this comprehensive book, John Manners-Bell provides an in-depth definition, description and exploration of: freight forwarding, contract

logistics, shipping, road freight, air cargo and express. The book also examines major sectors, including Automotive, Chemical, Pharmaceutical, Retail, Consumer, and High Tech. *Global Logistics Strategies* offers a detailed examination of key topics, including: how the logistics industry has developed, how it is influenced by macro-economic factors and demand-side trends, what the risks are to the industry, and how it will develop over the coming years. It examines important trends and developments that are shaping the industry, including 3D printing, megacities, and post-harvest food losses. Includes online resources, including chapter summaries and figures.

Despite the spread of automation and new supply chain management paradigms, logistics remains dependent on a rather specific set of skills and competencies, whether for managerial, administrative, or blue-collar jobs, such as trucking or warehousing. This dependence implies that the logistical performance of businesses, industries, and nation states is strongly influenced by the quantity and quality of the workforce. Insufficient resources of a competent and properly trained workforce in logistics adversely affect the quality of service, reduce productivity in sectors dependent on logistics, and ultimately reduce trade competitiveness. While other interventions that affect logistics performance—such as international infrastructures, trade corridors, regulations, and services—have already been reviewed extensively, this report is the first to cover the contributions of human resources and explore how to develop skills and improve competencies, especially in developing countries. The study proposes a framework for the skills needed according to the logistics activity (such as transportation or warehousing) or the type and level of responsibility. Based on several sources, including recent surveys carried out by the World Bank and the Kühne Logistics University, the report uncovers where the skills constraints are according to the type of job or countries. Findings include that logistics is an industry struggling to hire skilled workers, although with differences between developed countries (where trucker shortages are more acute) and developing economies (where managerial shortages are more widespread). Typically, blue-collar logistics jobs have lower status and lower pay than blue-collar jobs in other industries; they are thus less attractive for skilled workers. In developing countries with a potentially available workforce, lack of vocational preparation for careers in logistics means that less-skilled workers are not easily re-skilled. Logistics tasks at the upper end of the occupational hierarchy and those with high information technology content often require an upskilling of employees to keep pace with new technology. Yet the problem is not confined to recruitment. The surveys point to limited resources, money, and staff time allocated to training, especially in developing countries. Realizing the promise of quality jobs from the growth of logistics worldwide requires a coordinated effort by logistics companies, professional associations, training providers, and policy makers. Through a combination of facilitation, regulation, advice, financial instruments, and land use planning, governments can exert significant influence. Victory is won or lost in battle, but all military history shows that adequate logistics support is essential to the winning of the battle. In World War II, 16.1 million men and women served in the U.S. Armed Forces. For every ONE who served in combat, TEN served in a support role. This third volume in this acclaimed series is dedicated to the men and women -- military and civilian -- who served in logistical support roles for the front line combat personnel in WWII. The story of the vital logistics services supporting the U.S. Armed Forces operating in the Pacific is told -- proof positive that warfare is not all blazing combat.

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phrases at the back of each book Self-study material on the interactive MultiROM includes realistic listening extracts and interactive exercises for extra practice

A practical course for adult learners working in the international technical sector.

Aviation Logistics looks at the function of the air cargo business and its role in global supply chains and logistics. As global economies are constantly evolving, the supply chain business with its transport partners must be proactive for the future. Technology and its resulting efficiency and transparency are therefore a central part of this book. Aviation Logistics examines how carriers are coming up with new methods and technologies to improve ground handling and road transport, traceability systems and barcoding, security and screening, and safe delivery of perishable items (such as in the pharmaceutical and medical sectors). Endorsed by The International Air Cargo Association (TIACA), Aviation Logistics is supplemented with case studies and contributions from a team of experts including Oliver Evans and Stan Wraight, both industry experts. Online resources available: Air Cargo News' Freighter Directory.

From the creator of the popular website Ask a Manager and New York's work-advice columnist comes a witty, practical guide to 200 difficult professional conversations—featuring all-new advice! There's a reason Alison Green has been called “the Dear Abby of the work world.” Ten years as a workplace-advice columnist have taught her that people avoid awkward conversations in the office because they simply don't know what to say. Thankfully, Green does—and in this incredibly helpful book, she tackles the tough discussions you may need to have during your career. You'll learn what to say when • coworkers push their work on you—then take credit for it • you accidentally trash-talk someone in an email then hit “reply all” • you're being micromanaged—or not being managed at all • you catch a colleague in a lie • your boss seems unhappy with your work • your cubemate's loud speakerphone is making you homicidal • you got drunk at the holiday party Praise for Ask a Manager “A must-read for anyone who works . . . [Alison Green's] advice boils down to the idea that you should be professional (even when others are not) and that communicating in a straightforward manner with candor and kindness will get you far, no matter where you work.”—Booklist (starred review) “The author's friendly, warm, no-nonsense writing is a pleasure to read, and her advice can be widely applied to relationships in all areas of readers' lives. Ideal for anyone new to the job market or new to management, or anyone hoping to improve their work experience.”—Library Journal (starred review) “I am a huge fan of Alison Green's Ask a Manager column. This book is even better. It teaches us how to deal with many of the most vexing big and little problems in our workplaces—and to do so with grace, confidence, and a sense of humor.”—Robert Sutton, Stanford professor and author of The No Asshole Rule and The Asshole Survival Guide “Ask a Manager is the ultimate playbook for navigating the traditional workforce in a diplomatic but firm way.”—Erin Lowry, author of Broke Millennial: Stop Scraping By and Get Your Financial Life Together

The most important work on Alexander the Great to appear in a long time. Engels uses all the archaeological work done in Asia in the past generation and makes it accessible. Careful analysis of terrain, climate, and supply requirements are throughout combined in a fashion to help account for Alexander's strategic decision in the light of the options open to him. The chief merit of this splendid book is the way in which it brings an ancient army to life, as it really was and moved: the hours it took for simple operations of washing and cooking and feeding animals; the train of noncombatants moving with the army--New York Review of Books.

Spearhead of Logistics is a narrative branch history of the U.S. Army's Transportation Corps, first published in 1994 for

transportation personnel and reprinted in 2001 for the larger Army community. The Quartermaster Department coordinated transportation support for the Army until World War I revealed the need for a dedicated corps of specialists. The newly established Transportation Corps, however, lasted for only a few years. Its significant utility for coordinating military transportation became again transparent during World War II, and it was resurrected in mid-1942 to meet the unparalleled logistical demands of fighting in distant theaters. Finally becoming a permanent branch in 1950, the Transportation Corps continued to demonstrate its capability of rapidly supporting U.S. Army operations in global theaters over the next fifty years. With useful lessons of high-quality support that validate the necessity of adequate transportation in a viable national defense posture, it is an important resource for those now involved in military transportation and movement for ongoing expeditionary operations. This text should be useful to both officers and noncommissioned officers who can take examples from the past and apply the successful principles to future operations, thus ensuring a continuing legacy of Transportation excellence within Army operations. Additionally, military science students and military historians may be interested in this volume.

This work is devoted to a study of Roman logistics from the Punic Wars through the Principate. It explores various aspects of supply: rations, trains, foraging, supply lines; administration and logistics in warfare. The book traces the increasing sophistication of the Roman military supply system.

English for Logistics Oxford University Press, USA Express Series: English for Logistics OUP Oxford

The latest title in our very successful railway modelling series tackles two areas which are fundamental to the hobby. There is little more basic in terms of railway modelling than the accurate replication of track formations and the employment of appropriate signalling arrangements which the track layout dictates. Yet it is in these very areas that many layouts fall flat. Whilst this may be excusable in the case of modellers new to the hobby, it is unforgivable for those constructing layouts for exhibition purposes. Over many years of involvement in the model railway hobby, Bob Essery has seen countless layouts in operation, some good, some indifferent and some downright appalling. As a regular judge on the exhibition circuit, he is better placed than most to identify the strengths and weaknesses of different layouts. Drawing upon this experience, as well as his own first hand knowledge of railway operation, drawn not just from a lifetime of researching aspects of railway history and operation, but from the practical experience he gained from his time on the footplate as a fireman for British Railways, few are better placed to write authoritatively on these subjects. In *Railway Signalling and Track Plans*, Bob Essery provides a detailed analysis of the inter-relationship of track, signalling and operation. Using a wide range of examples from the prototype, he explains how this approach can help to make a model railway much more realistic. As the technology available to model railway enthusiasts, in particular Digital Command Control, becomes more sophisticated, so the need for ever more accurate track plans and signalling becomes all the more important. With the publication of this book, modellers can no longer make the excuse that this sort of information is not widely available.

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