

Computer Essentials By Timothy J Oleary

Your definitive guide to computing concepts! Motivate your students to reveal the relevancy of technology. Computing Essentials 2010 provides you with a complete learning package focusing on the most important and essential concepts of information technology. Students are given a streamlined, concise, attractive approach to the fundamental issues surrounding the world of computing. It has a balanced approach between theory and applied learning while highlighting the relevance of these important topics. All of the items featured with this text – including the end of chapter materials and the text websites – work together to help you truly understand the basics of computer concepts. This text also correlates with SimNet Online, our online training and assessment program for Office 2007 and also computing concepts!

Revised annually, this text covers the first nine chapters of Computer Essentials. The accompanying CD-ROM corresponds to the chapters in the text and includes exercises, activities, animations, audio, video, and photographs. Students should gain computer-related knowledge by becoming computer literate, familiar with commercial software packages and grounded in fundamental concepts. The Internet section is updated and has expanded coverage of the World Wide Web.

How are you learning about the most important, essential, and current concepts of information technology? Computing Essentials 2014 allows you to Make IT Work for You through relevant explorations, ethics and environment themes throughout each chapter. Current examples, references and exercises allow students to be successful in understanding today's role of Computer Information Technology. This definitive approach provides the essentials students need while bringing them a full digital solution through Connect CIT. Connect CIT is an online learning and assessment platform that engages today's students and helps them apply the key concepts they are learning. O'Leary; Computing Essentials 2014: Make IT Work for You! Additional textbook resources can be found on the text's Online Learning Center: www.mhhe.com/computing2014. Also student resources can be found at www.computing2014.com. For more information on O'Leary; Computing Essentials 2014, please visit www.simnetkeepitsimple.com and also contact your McGraw-Hill representative.

"Computing Essentials 2015 provides you with a complete learning solution focusing on the most important, essential, and current concepts of information technology. Students are given a streamlined, concise, relevant approach to the fundamental issues surrounding the world of computing through a balance between theory and applied learning of these important topics. Overall, all of the items featured with this text, including the end-of-chapter materials, work together to help students truly understand the basics of computer concepts."--Publisher information.

The rate of change in the digital information age is clearly increasing, and computer literacy is becoming a prerequisite. The goal of the 28th edition of Computing Essentials is to provide students with an introductory understanding of the concepts necessary for success and to instill an appreciation for the effect of information technology on people, privacy, ethics, and our environment. Today's students put much effort toward the things that are relevant to them, yet it is sometimes difficult to engage them in other equally important topics like personal privacy and technological advances. Each chapter highlights a most promising career in IT including webmaster, software engineer, and database administrator by presenting job titles, responsibilities, educational requirements, and salary ranges. Students see the material relate directly to potential career paths. Each chapter describes how its content is relevant to students' lives today and critical to their future. Each chapter presents practical tips related to key concepts through the demonstration of interesting and relevant applications. Topics presented focus first on outputs rather than processes and then dive into the concepts and processes. Motivation and relevance are the keys. This text has several features specifically designed to engage and demonstrate the relevance of technology in our lives. These elements are combined with thorough coverage of the concepts and sound pedagogical devices. The text uses graphics to reinforce key concepts and offers unique features and benefits found in few other texts: Making IT Work for You addresses topics and discussion questions that cover issues like online entertainment, gaming, virtual assistants, and the mobile office. Look to the Future boxes in each chapter have been revised to show that the expected breakthroughs of tomorrow are rooted in today's advances. Why Should I Read This? sections present a visually engaging and concise presentation of the chapter's relevance to the reader's life in the digital world. Visual summaries review major concepts covered throughout the chapter. Environment marginal boxes cover topics like plagiarism, editing images to promote a message, and the use of monitoring software. Privacy marginal boxes cover topics like protecting personal information on a free Wi-Fi network or disposing of an outdated computer to help students think critically and communicate effectively. Ethics marginal boxes cover related technologies and topics like proper disposal of older monitors, empty inkjet cartridges, and old computers. Concept Check segments cue students to note which topics have been covered and to self-test their understanding of the material presented. Brief discussions at the close of each chapter address recent technological advancements related to the chapter material. A test bank with more than 2,200 questions is categorized by level of learning. Using IT at MoviesOnline, a case study of a fictitious organization, provides an up-close look at what students might find on the job in the real world. New to This Edition Every chapter's Making IT Work for You, Privacy, Ethics, and Environment features have been carefully reevaluated, enhanced, or replaced. Every chapters Look to the Future feature has been revised to show that tomorrow's expected breakthroughs are rooted in today's advances. Expanded coverage includes Web 1.0, 2.0, and 3.0; social media; Windows 10; VR hardware; cloud storage; cybersecurity; drones and robotics; and gaming. Updated and expanded descriptions of programming languages highlight popular choices.

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* This book offers condensed coverage of computing basics. * Software applications on the CD-ROM enhance the text to offer a thorough grounding in the fundamentals.

A masterful, high-yield guide to the treatment of substance abuse issues, The ASAM Essentials of Addiction Medicine equips you with the expert know-how you need to provide effective help for your patients. Derived from The ASAM Principles of Addiction Medicine, 5th Edition – widely hailed as the definitive comprehensive clinical reference in the field – this companion resource presents the collective wisdom of hundreds of esteemed authorities on the art and science of addiction medicine. Yet, it does so in a succinct format that will appeal to specialists seeking a more streamlined, quick-access reference source. Find the authoritative answers you need on everything from the pharmacology of addiction through diagnosis, assessment, and early intervention; various forms of addiction management...treatment of individual patient populations; management of intoxication and withdrawal; pharmacologic and behavioral interventions; recovery programs; medical disorders and complications...co-occurring addiction and psychiatric disorders; pain and addiction; children and adolescents; and ethical, legal, and liability issues. Contribute to public health in the area of addiction thanks to a special introductory chapter entitled "A Public Health Approach to Prevention: The Health Professional's Role." Easily switch back and forth between the ASAM Essentials and the parent text thanks to a parallel chapter organization. Zero in on the most important, practical information thanks to highly focused, efficient coverage. Maximize your understanding and retention of vital concepts with the aid of key points summaries, review questions, and

suggested readings in each chapter.

Bring your computer literacy course back to the BASICS. COMPUTER LITERACY BASICS: A COMPREHENSIVE GUIDE TO IC3 provides an introduction to computer concepts and skills, which maps to the newest Computing Core Certification (IC3) standards. Designed with new learners in mind, this text covers Computing Fundamentals, Key Applications, and Living Online everything your students need to be prepared to pass the IC3 exam, and finish the course as confident computer users. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Part of the popular series for teaching and learning software applications and computer concepts, this book offers a concise approach to the fundamental issues surrounding the personal computing environment. It combines the topics and technology into an illustrated design.

O'Leary, Computing Essentials 2012Introductory and Complete versions available“Computing Essentials 2012 provides you with a complete learning solution focusing on the most important, essential, and current concepts of information technology. Students are given a streamlined, concise, relevant approach to the fundamental issues surrounding the world of computing through a balance between theory and applied learning of these important topics. Overall, all of the items featured with this text—including the end-of-chapter materials and the text Web site—work together to help students truly understand the basics of computer concepts.

This text is for beginning students of computing. The concepts coverage provides the essence of the personal computing environment, but leaves certain advanced topics such as systems analysis and programming languages for future courses.

Computing Essentials 2021Computing EssentialsMacmillan/McGraw-Hill School

This guide to computing essentials uses a step-by-step visual approach with screen captures for every concept. A running case study provides students with real-world capabilities for each application, and there are tip boxes, alternative methods, and trouble-shooting solutions.

The straightforward text covers computer concepts for the introduction to computers course and is revised annually. Each book includes Web addresses for further learning and exercises, activities and screenshots of animations and graphics.

'Computing Essentials' allows you to make IT work for you through relevant explorations, ethics and environment themes throughout each chapter. Current examples, references and exercises allow students to be successful in understanding today's role of computer information technology.

How are you learning about the most important, essential, and current concepts of information technology? Computing Essentials 2014 allows you to Make IT Work for You through relevant explorations, ethics and environment themes throughout each chapter. Current examples, references and exercises allow students to be successful in understanding today's role of Computer Information Technology. This definitive approach provides the essentials students need while bringing them a full digital solution through Connect CIT. Connect CIT is an online learning and assessment platform that engages today's students and helps them apply the key concepts they are learning. O'Leary; Computing Essentials 2014: Make IT Work for You! Additional textbook resources can be found on the text's Online Learning Center: www.mhhe.com/computing2014. Also student resources can be found at www.computing2014.com. For more information on O'Leary; Computing Essentials 2014, please visit www.simnetkeepitsimple.com and also contact your McGraw-Hill representative.

A guide to the essentials of computing, offering a visual orientation of the fundamental concepts. It features: Making IT Work Boxes that demonstrate how technology is used in our everyday lives; Look to the Future boxes, examining trends in technology; and boxes of tips in the margins.

The rate of change in the digital information age is clearly increasing, and computer literacy is becoming a prerequisite. The goal of the 27th edition of Computing Essentials is to provide students with an introductory understanding of the concepts necessary for success and to instill an appreciation for the effect of information technology on people, privacy, ethics, and our environment. Today's students put much effort toward the things that are relevant to them, yet it is sometimes difficult to engage them in other equally important topics like personal privacy and technological advances. Each chapter highlights a most promising career in IT—including webmaster, software engineer, and database administrator—by presenting job titles, responsibilities, educational requirements, and salary ranges. Students see the material relate directly to potential career paths. Each chapter describes how its content is relevant to students' lives today and critical to their future. Each chapter presents practical tips related to key concepts through the demonstration of interesting and relevant applications. Topics presented focus first on outputs rather than processes and then dive into the concepts and processes. Motivation and relevance are the keys. This text has several features specifically designed to engage and demonstrate the relevance of technology in our lives. These elements are combined with thorough coverage of the concepts and sound pedagogical devices. The text uses graphics to reinforce key concepts and offers unique features and benefits found in few other texts:•Making IT Work for You addresses topics and discussion questions that cover issues like online entertainment, gaming, virtual assistants, and the mobile office.•Look to the Future boxes in each chapter have been revised to show that the expected breakthroughs of tomorrow are rooted in today's advances.•Why Should I Read This? sections present a visually engaging and concise presentation of the chapter's relevance to the reader's life in the digital world.•Visual summaries review major concepts covered throughout the chapter.•Environment marginal boxes cover topics like plagiarism, editing images to promote a message, and the use of monitoring software.•Privacy marginal boxes cover topics like protecting personal information on a free Wi-Fi network or disposing of an outdated computer to help students think critically and communicate effectively.•Ethics marginal boxes cover related technologies and topics like proper disposal of older monitors, empty inkjet cartridges, and old computers.•Concept Check segments cue students to note which topics have been covered and to self-test their understanding of the material presented.•Brief discussions at the close of each chapter address recent technological advancements related to the chapter material.•A test bank with more than 2,200 questions is categorized by level of learning.•Using IT at MoviesOnline, a case study of a fictitious organization, provides an up-close look at what students might find on the job in the real world. New to This Edition•Every chapter's Making IT Work for You, Privacy, Ethics, and Environment features have been carefully reevaluated, enhanced, or replaced. •Every chapter's Look to the Future feature has been revised to show that tomorrow's expected breakthroughs are rooted in today's advances.•Expanded coverage includes Web 1.0, 2.0, and 3.0; social media; Windows 10; VR hardware; cloud storage; cybersecurity; drones and robotics; and gaming. •Updated and expanded descriptions of programming languages highlight popular choices.

How are you learning about the most important, essential, and current concepts of information technology? Computing Essentials 2015 allows you to Make IT Work for You through relevant explorations, ethics and environment sections throughout each chapter. Current examples, references and exercises allow students to be successful in understanding today's role of Computer Information Technology. This definitive approach provides the essentials students need while bringing them a full digital solution through Connect CIT. Connect CIT is an online learning and assessment platform that engages today's

students and helps them apply the key concepts they are learning. O'Leary; Computing Essentials 2015: Make IT Work for You! Additional instructor and student resources can be found on the text's Online Learning Center: www.mhhe.com/ce2015.

How are you learning about the most important, essential, and current concepts of information technology? Computing Essentials 2019 allows you to Make IT Work for You by presenting the effect of information technology on people, privacy, ethics, and our environment. Current examples, references and exercises allow students to be successful in understanding today's role of Computer Information Technology. This definitive approach provides the essentials students need while bringing them a full digital solution through Connect. Connect is a teaching and learning platform that is proven to deliver better results for students and instructors. Connect empowers students by continually adapting to deliver precisely what they need, when they need it, and how they need it, so class time is more engaging and effective. O'Leary; Computing Essentials 2019: Make IT Work for You!

Part of The O'Leary Series, this book contains resources for teaching and learning software applications and computer concepts.

How are you learning about the most important, essential, and current concepts of information technology? Computing Essentials 2017 Complete allows you to Make IT Work for You by presenting the effect of information technology on people, privacy, ethics, and our environment. Current examples, references and exercises allow students to be successful in understanding today's role of Computer Information Technology. This definitive approach provides the essentials students need while bringing them a full digital solution through Connect. Connect is a teaching and learning platform that is proven to deliver better results for students and instructors. Connect empowers students by continually adapting to deliver precisely what they need, when they need it, and how they need it, so class time is more engaging and effective. O'Leary; Computing Essentials 2017: Make IT Work for You!

Your definitive guide to computing concepts! Motivate your students to reveal the relevancy of technology. O'Leary, Computing Essentials 2011 provides you with a complete learning package, focusing on the most important and essential concepts of information technology. Students are given a streamlined, concise, attractive approach to the fundamental issues surrounding the world of computing. It has a balanced approach between theory and applied learning while highlighting the relevance of these important topics. All of the items featured with this text - including the end of chapter materials and the text websites - work together to help you truly understand the basics of computer concepts. This text also correlates with SimNet Online, our online training and assessment program for the Microsoft Office Suite and also computing concepts!

Present the computer concepts and Microsoft Office 2013 skills perfect for your Introduction to Computing course with the latest ENHANCED COMPUTER CONCEPTS AND MICROSOFT OFFICE 2013 ILLUSTRATED. This all-in-one book makes the computer concepts and skills your students need to know easily accessible. Key application skills are clearly demonstrated using the user-friendly two-page spread found in the popular Microsoft Office 2013 Illustrated Introductory, First Course. Today's most up-to-date technology developments and concepts are clarified using the distinctive step-by-step approach from the Computer Concepts Illustrated Brief book. This edition highlights updated Office 365 content with Integrated Applications Projects and a Student Success Guide. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Using the new OpenCL (Open Computing Language) standard, you can write applications that access all available programming resources: CPUs, GPUs, and other processors such as DSPs and the Cell/B.E. processor. Already implemented by Apple, AMD, Intel, IBM, NVIDIA, and other leaders, OpenCL has outstanding potential for PCs, servers, handheld/embedded devices, high performance computing, and even cloud systems. This is the first comprehensive, authoritative, and practical guide to OpenCL 1.1 specifically for working developers and software architects. Written by five leading OpenCL authorities, OpenCL Programming Guide covers the entire specification. It reviews key use cases, shows how OpenCL can express a wide range of parallel algorithms, and offers complete reference material on both the API and OpenCL C programming language. Through complete case studies and downloadable code examples, the authors show how to write complex parallel programs that decompose workloads across many different devices. They also present all the essentials of OpenCL software performance optimization, including probing and adapting to hardware. Coverage includes Understanding OpenCL's architecture, concepts, terminology, goals, and rationale Programming with OpenCL C and the runtime API Using buffers, sub-buffers, images, samplers, and events Sharing and synchronizing data with OpenGL and Microsoft's Direct3D Simplifying development with the C++ Wrapper API Using OpenCL Embedded Profiles to support devices ranging from cellphones to supercomputer nodes Case studies dealing with physics simulation; image and signal processing, such as image histograms, edge detection filters, Fast Fourier Transforms, and optical flow; math libraries, such as matrix multiplication and high-performance sparse matrix multiplication; and more Source code for this book is available at <https://code.google.com/p/opencl-book-samples/>

This work offers a text for beginning students of computing in a concise format. The concepts coverage provides the essence of the personal computing environment, but leaves certain advanced topics such as systems analysis and programming languages for future courses. Enhanced with software applications, it offers a fundamental grounding in the world of computing today.

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