

Unisa B Tech Electrical Engineering Syllabus

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Report Writing Style Guide for Engineering Students Springer
Information Security in Diverse Computing Environments IGI Global
Biobased and Environmentally Benign Coatings Information Today, Inc.

E-Commerce has brought about many changes in organizations and has had significant impacts on the quality of life that is experienced by individuals or even indirectly as members of society. The need to have fast and efficient information on products is crucial to our socially conscious and technologically dependent society; hence, information technology has increased the intolerable burden of handling the increasing amount of information and human errors which the society is expected to contend with. The Economic and Social Impacts of E-Commerce addresses issues associated with the advent of e-commerce, and its significance within society.

Digital Communication Systems Using MATLAB and Simulink United Nations Publications

This book constitutes the presentations made at the Advanced Research Workshop on Autonomous Robotic Systems, which was held at the University of Coimbra, Portugal, June 1997. The aim of the meeting was to bring together leading researchers in the area of autonomous systems for mobility and manipulation, and the aim of this book is to share the presentations with the reader. The book presents the most recent developments in the field. Topics include sensors and navigation in mobile robots, robot co-operation, telerobotics, legged robots, climbing robots and applications. Existing and emerging applications of autonomous systems are described in great detail, including applications in forestry, cleaning, mining, tertiary buildings, assistance to the elderly and handicapped, and surgery. The chapters are written in a structured and advanced tutorial style by leading specialists from Europe, Australia, Japan and USA. The style will allow the reader to grasp the state-of-the-art and research directions in the area of autonomous systems.

E-learning in Tertiary Education Where Do We Stand? Springer

Bearing in mind the large relative significance of problems involved in the removal of heat from the nuclear reactors and its conversion into other types of energy, the basic information on thermodynamics and heat transfer are treated. (Author).

Enterprise IGI Global

More than 30 leading experts from around the world provide comprehensive coverage of various branches of face image analysis, making this text a valuable asset for students, researchers, and practitioners engaged in the study, research, and development of face image analysis techniques.

Being 14 Information Security in Diverse Computing Environments

This book will have the recent information on the developments in the emerging field of environmental-friendly coatings. Crucial aspects associated with coating research will be presented in form of the individual chapters. Close attention will be paid to include essential aspects that are necessary to understand the properties and applications of the novel materials. Different methods and techniques of synthesis and characterization will be detailed as individual chapters. It will also discuss the characterization techniques used in the area of such coatings. There will be chapters that describe the current status and future prospects. The topics will be selected so they are easy to understand and useful to new scholars as well as advanced learners. No book has been written on this subject so far.

Applied Thermodynamics and Heat Transfer Springer Nature

Project Management for Engineering, Business and Technology is a highly regarded textbook that addresses project management across all industries. First covering the essential background, from

origins and philosophy to methodology, the bulk of the book is dedicated to concepts and techniques for practical application. Coverage includes project initiation and proposals, scope and task definition, scheduling, budgeting, risk analysis, control, project selection and portfolio management, program management, project organization, and all-important "people" aspects—project leadership, team building, conflict resolution, and stress management. The systems development cycle is used as a framework to discuss project management in a variety of situations, making this the go-to book for managing virtually any kind of project, program, or task force. The authors focus on the ultimate purpose of project management—to unify and integrate the interests, resources and work efforts of many stakeholders, as well as the planning, scheduling, and budgeting needed to accomplish overall project goals. This sixth edition features: updates throughout to cover the latest developments in project management methodologies; a new chapter on project procurement management and contracts; an expansion of case study coverage throughout, including those on the topic of sustainability and climate change, as well as cases and examples from across the globe, including India, Africa, Asia, and Australia; and extensive instructor support materials, including an instructor's manual, PowerPoint slides, answers to chapter review questions and a test bank of questions. Taking a technical yet accessible approach, this book is an ideal resource and reference for all advanced undergraduate and graduate students in project management courses, as well as for practicing project managers across all industry sectors.

Bulk Solids Handling OECD Publishing

Vols. for 1967-70 include as a section: Who's who of Rhodesia, Mauritius, Central and East Africa.

Community Nutrition for Developing Countries IGI Global

"This book provides the latest empirical research and theoretical frameworks in the area of information security, presenting research on developing sufficient security measures for new environments by discussing challenges faced by researchers as well as unconventional solutions to these problems"--Provided by publisher.

The Economic and Social Impacts of E-Commerce CRC Press

Functionalized polymers are macromolecules to which chemically bound functional groups are attached which can be used as catalysts, reagents, protective groups, etc. Functionalized polymers have low cost, ease of processing and attractive features for functional organic molecules. Chemical reactions for the introduction of functional groups in polymers and the conversion of functional groups in polymers depend on different properties. Such properties are of great importance for functionalization reactions for possible applications of reactive polymers. This book deals with the synthesis and design of various functional polymers, the modification of preformed polymer backbones and their various applications.

Forall X Springer Nature

Shows how and why different kinds of tertiary education institutions engage in e-learning.

Image Analysis and Recognition Springer

This 8-volumes set constitutes the refereed of the 25th International Conference on Pattern Recognition Workshops, ICPR 2020, held virtually in Milan, Italy and rescheduled to January 10 - 11, 2021 due to Covid-19 pandemic. The 416 full papers presented in these 8 volumes were carefully reviewed and selected from about 700 submissions. The 46 workshops cover a wide range of areas including machine learning, pattern analysis, healthcare, human behavior, environment, surveillance, forensics and biometrics, robotics and egovision, cultural heritage and document analysis, retrieval, and women at ICPR2020.

Who's Who of Southern Africa BoD — Books on Demand

The proceedings set LNCS 13231, 13232, and 13233 constitutes the refereed proceedings of the 21st International Conference on Image Analysis and Processing, ICIAP 2022, which was held during May 23-27, 2022, in Lecce, Italy. The 168 papers included in the proceedings were carefully reviewed and selected from 307 submissions. They deal with video analysis and understanding; pattern recognition and machine learning; deep learning; multi-view geometry and 3D computer vision; image analysis, detection and recognition; multimedia; biomedical and assistive technology; digital forensics and biometrics; image processing for cultural heritage; robot vision; etc.

Who's who of Southern Africa John Wiley & Sons

This book constitutes the thoroughly refereed proceedings of the 14th International Conference on Image Analysis and Recognition, ICIAR 2017, held in Montreal, QC, Canada, in July 2017. The 73 revised full papers presented were carefully reviewed and selected from 133 submissions. The papers are organized in the following topical sections: machine learning in image recognition; machine learning for medical image

computing; image enhancement and reconstruction; image segmentation; motion and tracking; 3D computer vision; feature extraction; detection and classification; biomedical image analysis; image analysis in ophthalmology; remote sensing; applications.

Proceedings ASCE Publications

"Forall X is an introduction to sentential logic and first-order predicate logic with identity, logical systems that significantly influenced twentieth-century analytic philosophy. After working through the material in this book, a student should be able to understand most quantified expressions that arise in their philosophical reading. This book treats symbolization, formal semantics, and proof theory for each language. The discussion of formal semantics is more direct than in many introductory texts. Although forall X does not contain proofs of soundness and completeness, it lays the groundwork for understanding why these are things that need to be proven. Throughout the book, I have tried to highlight the choices involved in developing sentential and predicate logic. Students should realize that these two are not the only possible formal languages. In translating to a formal language, we simplify and profit in clarity. The simplification comes at a cost, and different formal languages are suited to translating different parts of natural language. The book is designed to provide a semester's worth of material for an introductory college course. It would be possible to use the book only for sentential logic, by skipping chapters 4-5 and parts of chapter 6"--Open Textbook Library.

Luminescence Hachette Australia

Digital Communication using MATLAB and Simulink is intended for a broad audience. For the student taking a traditional course, the text provides simulations of the MATLAB and Simulink systems, and the opportunity to go beyond the lecture or laboratory and develop investigations and projects. For the professional, the text facilitates an expansive review of and experience with the tenets of digital communication systems.

Who's who in Finance and Industry Marquis Whos Who

Nutrition textbooks used by universities and colleges in developing countries have very often been written by scholars who live and work in North America or the United Kingdom. And while the research and information they present is sound, the nutrition-related health challenges with which developing countries must grapple differ considerably from those found in highly industrialized Western nations. The primary aim of **Community Nutrition for Developing Countries** is to provide a book that meets the needs of nutritionists and other health professionals living and working in developing countries. Written by both scholars and practitioners, the volume draws on their wealth of knowledge, experience, and understanding of nutrition in developing countries to provide nutrition professionals with all the information they require. Each chapter addresses a specific nutrition challenge currently faced by developing countries such as food security, food safety, disease prevention, maternal health, and effective nutrition policy. In addition, the volume serves as an invaluable resource for those developing and implementing nutrition education programmes. With an emphasis on nutritional education as a means to prevent disease and effectively manage health disorders, it is the hope of the nearly three dozen contributors to this work that it will enhance the health and well-being of low-income populations throughout the world.

Acronyms, Initialisms & Abbreviations Dictionary Marshall Cavendish International Asia Pte Ltd

The aim of this book is to give readers a broad review of topical worldwide advancements in theoretical and experimental facts, instrumentation and practical applications erudite by luminescent materials and their prospects in dealing with different types of luminescence like photoluminescence, electroluminescence, thermo-luminescence, triboluminescence, bioluminescence design and applications. The additional part of this book deals with the dynamics, rare-earth ions, photon down-/up-converting materials, luminescence dating, lifetime, bioluminescence microscopical perspectives and prospects towards the basic research or for more advanced applications. This book is divided into four main sections: luminescent materials and their associated phenomena; photo-physical properties and their emerging applications; thermoluminescence dating: from theory to applications, and bioluminescence perspectives and prospects. Individual chapters should serve the broad spectrum of common readers of diverse expertise, layman, students and researchers, who may in this book find easily elucidated fundamentals as well as progressive principles of specific subjects associated with these phenomena. This book was created by 14 contributions from experts in different fields of luminescence and technology from over 20 research institutes worldwide.

The A to Z of Careers in South Africa IGI Global

For more than 40 years, Computerworld has been the leading source of technology news and information for

IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.

Athabasca University Press and UNISA Press

SHORTLISTED FOR NON-FICTION BOOK OF THE YEAR, ABIA AWARDS 2018 Is your daughter 14? Are you struggling to know what's going on inside her head? Are you worried? This is the book that can help you understand how she's feeling, what she's thinking and what you need to do to help her navigate her tricky teens to become a fabulous woman. **BEING 14** gives a voice to every teen girl in Australia. Madonna King has interviewed 200 14-year-old girls across the country, talked to successful school principals, psychologists, CEOs, police, guidance and neuroscientists to reveal the social, psychological and physical challenges every 14-year-old girl is facing today. -How much independence do they need? -What is the power of a friendship group? -How do you help build self-confidence? -Why the obsession with selfies, social media and FOMO? -How are parents unknowingly making life so much harder for them? Overwhelmingly, these young girls - on the brink of womanhood - struggle to tell their parents how they feel. That's why **BEING 14** gives you the answers you are looking for. It's your daughter, talking to you. And her hope, beyond anything, is that you will listen. 'valuable for any parents of teens or pre-teens' **SUNDAY TIMES**