

## Kontrulli Automatik I Proceve

First published in 1970 in Germany, this is a revised and enlarged English translation of what remains the standard introduction to the subject. Each section contains a detailed bibliography.

Reveals the formidable organization of intelligence outsourcing that has developed between the U.S. government and private companies since 9/11, in a report that reveals how approximately seventy percent of the nation's funding for top-secret tasks is now being funneled to higher-cost third-party contractors. 35,000 first printing.

Continued advances in power electronics and computer control technology make possible the implementation of a.c. drive systems in place of d.c. The a.c. systems are usually more efficient, and more reliable, more controllable and require a cheaper motor construction. These are strong commercial reasons driving change. The disadvantage is a degree of complexity in the drive control system; this book explains that complexity.

This guide examines how schools and universities can work together with their local communities to promote democracy in society based on the principles of Education for Democratic Citizenship (EDC), a concept developed by the Council of Europe. Partnerships based on this idea foster civic skills and values in citizens and build the civic capacity of communities through the pursuit of collective solutions to local problems. The guide explores the mechanics of such partnerships in practice, describing how they are built and sustained, and what makes them work. Drawing on examples from Europe And The United States of America, The guide is intended for policy makers and practitioners in schools and universities, civil society and community groups, and representatives of public authorities and government bodies on both sides of the Atlantic.

**A New Product Lifecycle Management Paradigm**  
**Digital Citizenship Education Handbook**

**Special Electric Machines**  
**botim i Kuvendit Popullor**

**A Handbook for Engineers and Researchers**  
**Electric Machinery and Transformers**

**Performatism, Or the End of Postmodernism**

The author suggests that in this era following the postmodern we have entered a new, monist epoch in which aesthetically mediated belief replaces endless irony as the dominant force in culture. The book documents the "new monism" through an examination of popular films and novels such as *American Beauty*, *Life of Pi*, and *Middlesex* as well as in the work of major architects and artists such as Sir Norman Foster, Andreas Gursky, and Vanessa Beecroft. --book cover.

**A new Council of Europe reference framework of competences for democratic culture! Contemporary societies within Europe face many challenges, including declining levels of voter turnout in elections, increased distrust of politicians, high levels of hate crime, intolerance and prejudice towards minority ethnic and religious groups, and increasing levels of support for violent extremism. These challenges threaten the legitimacy of democratic institutions and peaceful co-existence within Europe. Formal education is a vital tool that can be used to tackle these challenges. Appropriate educational input and practices can boost democratic engagement, reduce intolerance and prejudice, and decrease support for violent extremism. However, to achieve these goals, educationists need a clear understanding of the democratic competences that should be targeted by the curriculum. This book presents a new conceptual model of the competences which citizens require to participate in democratic culture and live peacefully together with others in culturally diverse societies. The model is the product of intensive work over a two-year period, and has been strongly endorsed in an international consultation with leading educational experts. The book describes the competence model in detail, together with the methods used to develop it. The model provides a robust conceptual foundation for the future development of curricula, pedagogies and assessments in democratic citizenship and human rights education. Its application will enable educational systems to be harnessed effectively for the preparation of students for life as engaged and tolerant democratic citizens. The book forms the first component of a new Council of Europe reference framework of competences for democratic culture. It is vital reading for all educational policy makers and practitioners who work in the fields of education for democratic citizenship, human rights education and intercultural education.**

"Designing the School Curriculum" takes a practical, step-by-step approach, giving students the thorough grounding in the process that leads to confident and effective practitioners. The author emphasizes the discretionary judgment of the individual teacher and acknowledges that the curriculum design process is completed only in the unique and spontaneous learning exchanges between students and teachers. Practical ideas on the formation of school purposes, the design of school-wide experiences, effective implementation, and the creation of responsive evaluative mechanisms help students to fulfill the goal of the text: to design an authentic and effective curriculum. After an introductory chapter examining the role of the teacher in the design process and two brisk chapters leading students through the theoretical foundations of curriculum development, the text launches into the curriculum design process, giving a close look to each element. Helebowitsh makes a valuable contribution to the field with this new text, offering a contemporary treatment of classic curriculum design theory and, most importantly, equipping students to engage in effective curriculum design themselves. "

Provides a sample plan, guidelines, checklist and a Microsoft Word diskette containing worksheets for long-range preservation planning.

**FOR DIPLOMA**  
**AutoCAD 2008 and AutoCAD LT 2008**

**Turbines Compressors and Fans**

**Buletin i universitetit shteteror te Tiranes**

**Understanding Electro-Mechanical Engineering**

**Thematic Cartography and Geovisualization**

**Concepts in Electric Circuits**

*An old woman is awoken in the dead of night by knocks at her front door. The woman opens it to find her daughter, Doruntine, standing there alone in the darkness. She has been brought home from a distant land by a mysterious rider she claims is her brother Konstandin. But unbeknownst to her, Konstandin has been dead for years. What follows is chain of events which plunges a medieval village into fear and mistrust. Who is the ghost rider?*

*This book explores the relationships between education, lifelong learning and democratic citizenship. It emphasizes the importance of the democratic quality of the processes and practices that make up the everyday lives of children, young people and adults for their ongoing formation as democratic citizens. The book combines theoretical and historical work with critical analysis of policies and wider developments in the field of citizenship education and civic learning. The book urges educators, educationalists, policy makers and politicians to move beyond an exclusive focus on the teaching of citizenship towards an outlook that acknowledges the ongoing processes and practices of civic learning in school and society. This is not only important in order to understand the complexities of such learning. It can also help to formulate more realistic expectations about what schools and other educational institutions can contribute to the promotion of democratic citizenship. The book is particularly suited for students, researchers and policy makers who have an interest in citizenship education, civic learning and the relationships between education, lifelong learning and democratic citizenship. Gert Biesta (www.gertbiesta.com) is Professor of Education at the School of Education, University of Stirling, UK.*

*Very Good, No Highlights or Markup, all pages are intact.*

*Managing the Dynamics of New-Product Development Processes merges product-based planning, process modelling, process execution, probabilistic simulations, and simulation based decision-making into one framework called the Dynamic new-Product Development Process. It provides readers with a means of improving the management of product development through enhanced methods and tools that are specifically tailored to the characteristics and challenges of such processes. It calls for a new Product Lifecycle Management paradigm of utilizing the managed product data for management of the product's development process. Within the framework, the methods are enhanced or modified to fit the new-product development process requirements. Each specific method is thoroughly analyzed, from the basic definition of terms through a description of the state of the art of that topic and its limitations. Then, the method enhancements are illustrated by many examples, and discussed while suggesting further research directions. Finally, the enhanced methods are integrated and demonstrated by a test case. The main two methods described are the design structure matrix (DSM) and Petri nets, which are merged into a novel concept entitled DSM nets.*

*Managing the Dynamics of New Product Development Processes provides algorithms, proofs, and practical examples that can be used for general study of the issues concerned. The main concepts presented are applicable to systems engineering and can be used by practitioners of product development processes, such as designers, product managers, and process managers, as well as developers of process management tools for systems with dynamically changing process structures.*

*The Treasure Within, Report to UNESCO of the International Commission Pocket Edition*

*Computer Aided Design and Manufacturing*

*Design and Manufacturing*

*Competences for democratic culture*

*An Introduction to Mechatronics*

*How to Program*

*Advanced Electrical Drives*

*In this exciting introduction to the sociology of health and medicine, Annandale examines the core issues of the discipline and reassesses them in the light of recent developments in health care and social theory. The Sociology of Health and Medicine considers the way in which recent economic and social change has generated new issues and necessitated a re-evaluation of the traditional concerns in the field of health, illness and health care. Annandale examines how theoretical and methodological developments in social theory - such as post-structuralism and revisions to Marxist, feminist and symbolic interactionist thought - has led to new thinking in a number of areas. These include the processes linking "race", gender and class to health and illness, the sociology of the health service and the division of labour within it, and the experience of health and health care. Through a discussion of both traditional and new topics in the field, this book offers a wide-ranging and up-to-date assessment of the state of the sociology of health, illness and health care. The result is an innovative text that both reflects and advances changes in the discipline.*

*While most books on the subject present material only on sensors and actuators, hardware and simulation, or modeling and control, Mechatronics: An Integrated Approach presents all of these topics in a single, unified volume from which users with a variety of engineering backgrounds can benefit. The integrated approach emphasizes the design and inst*

*This report proposes more resources be devoted to education, nationally and internationally, and for international cooperation in education with UNESCO as a key player.*

*Presenting you with the perfect step-by-step introduction to the world's leading CAD software, this this perennial bestseller is completely revised and features comprehensive, up-to-date coverage of the latest AutoCAD features, such as dynamic blocks, external references, and 3D design. You'll get concise explanations and practical tutorials that you can follow sequentially or jump in at any chapter by downloading the drawing files from the Sybex Web site. www.sybex.com/go/acadner2008. Either way, you'll master AutoCAD features, get a thorough grounding in its essentials, and see quick results. For Instructors: Teaching supplements are available for this title.*

*The Secret World of Intelligence Outsourcing*

*Seria shkencait mjekesore*

*Learning Democracy at School and Society: Education, Lifelong Learning, and the Politics of Citizenship*

*Pearson New International Edition*

*Living together as equals in culturally diverse democratic societies*

*Civil Law Convention on Corruption*

*Industrial Control Technology*

This book provides a detailed study of geometrical drawing through simple and well-explained worked-out examples and exercises. This book is designed for students of first year Engineering Diploma course, irrespective of their branches of study. The book is divided into seven modules. Module A covers the fundamentals of manual drafting, lettering, freehand sketching and dimensioning of views. Module B describes two-dimensional drawings like geometrical constructions, conics, miscellaneous curves and scales. Three-dimensional drawings, such as projections of points, lines, plane lamina, geometrical solids and their different sections are well-explained in Module C. Module D deals with intersection of surfaces and their developments. Drawing of pictorial views is illustrated in Module E, which includes isometric projection, oblique projection and perspective projections. The fundamentals of machine drawing are covered in Module F. Finally, in Module G, the book introduces computer-aided drafting (CAD) to make the readers familiar with the state-of-the-art techniques of drafting. KEY FEATURES : Follows the International Standard Organization (ISO) code of practice for drawing. Includes a large number of dimensioned illustrations, worked-out examples, and Polytechnic questions and answers to explain the geometrical drawing process. Contains chapter-end exercises to help students develop their drawing skills.

This is the third edition of this manual which contains updated practical guidance on biosafety techniques in laboratories at all levels. It is organised into nine sections and issues covered include: microbiological risk assessment; lab design and facilities; biosecurity concepts; safety equipment; contingency planning; disinfection and sterilisation; the transport of infectious substances; biosafety and the safe use of recombinant DNA technology; chemical, fire and electrical safety aspects; safety organisation and training programmes; and the safety checklist.

Visualization in Modern Cartography explores links between the centuries-old discipline of cartography and today's revolutionary developments in scientific visualization. The book has three main goals: (1) to pass on design and symbolization expertise to the scientific visualization community - information that comes from centuries of pre-computer visualization by cartographers, and their more recent experiences with computerizing the discipline; (2) to help cartographers cope with the dramatic shift from print cartography to a dynamic virtual cartography for which their role is changing from that of map designer to one of spatial information display (and/or interface) designer; (3) to illustrate the expanded role for cartography in geographic, environmental, planning, and earth science applications that comes with the development of interactive geographic visualization tools. To achieve these goals, the book is divided into three parts. The first sets the historical, cognitive, and technological context for geographic/cartographic visualization tool development. The second covers key technological, symbolization, and user interface issues. The third provides a detailed look at selected prototype geographic/cartographic visualization tools and their applications.

The Danube-Oder-Elbe Canal promised to create an integrated waterway system across Europe, linking Black Sea ports to Atlantic markets and giving landlocked Czech nation its own connections to the ocean. The fascinating history of this never-completed project, European Coasts of Bohemia tells the story of the experts who confronted and contributed to different and often conflicting geopolitical visions of Europe. Jira Janac shows how the canal-backers adapted themselves to various political developments, such as the break-up of the Austrian-Hungarian Empire and the integration into the Soviet Bloc, while still managing to keep the canal project alive.

*Fletorja zyrtare e Republikës së Shqipërisë*

*European Coasts of Bohemia*

*An Integrated Approach*

*Spies for Hire*

*Learning*

*Vector Control and Dynamics of AC Drives*

*System Dynamics*

Digital citizenship competences define how we act and interact online. They comprise the values, attitudes, skills and knowledge and critical understanding necessary to responsibly navigate the constantly evolving digital world, and to shape technology to meet our own needs rather than to be shaped by it. The Digital citizenship education handbook offers information, tools and good practice to support the development of these competences in keeping with the Council of Europe's vocation to empower and protect children, enabling them to live together as equals in today's culturally diverse democratic societies, both on- and offline. The Digital citizenship education handbook is intended for teachers and parents, education decision makers and platform providers alike. It describes in depth the multiple dimensions that make up each of 10 digital citizenship domains, and includes a fact sheet on each domain providing ideas, good practice and further references to support educators in building the competences that will stand children in good stead when they are confronted with the challenges of tomorrow's digital world. The Digital citizenship education handbook is consistent with the Council of Europe's Reference Framework of Competences for Democratic Culture and compatible for use with the Internet literacy handbook. (Box of 25 sheets)

Fieldbus, particularly wireless fieldbuses, offer a multitude of benefits to process control and automation. Fieldbuses replace point-to-point technology with digital communication networks, offering increased data availability and easier configurability and interoperability. Fieldbus and Networking in Process Automation discusses the newest fieldbuses on the market today, detailing their utilities, components and configurations, wiring and installation methods, commissioning, and safety aspects under hostile environmental conditions. This clear and concise text: Considers the advantages and shortcomings of the most sought after fieldbuses, including HART, Foundation Fieldbus, and Profibus Presents an overview of data communication, networking, cabling, surge protection systems, and device connection techniques Provides comprehensive coverage of intrinsic safety essential to the process control, automation, and chemical industries Describes different wireless standards and their coexistence issues, as well as wireless sensor networks Examines the latest offerings in the wireless networking arena, such as WHART and ISA100.11a Offering a snapshot of the current state of the art, Fieldbus and Networking in Process Automation not only addresses aspects of integration, interoperability, operation, and automation pertaining to fieldbuses, but also encourages readers to explore potential applications in any given industrial environment.

For this revision of their bestselling junior- and senior-level text, Guru and Hiziroglu have incorporated eleven years of cutting-edge developments in the field since Electric Machinery and Transformers was first published. Completely re-written, the new Second Edition also incorporates suggestions from students and instructors who have used the First Edition, making it the best text available for junior- and senior-level courses in electric machines. The new edition features a wealth of new and improved problems and examples, designed to complement the authors' overall goal of encouraging intuitive reasoning rather than rote memorization of material. Chapter 3, which presents the conversion of energy, now includes: analysis of magnetically coupled coils, induced emf in a coil rotating in a uniform magnetic field, induced emf in a coil rotating in a time-varying magnetic field, and the concept of the revolving field. All problems and examples have been rigorously tested using Mathcad.

This book provides a unique approach to derive model-based torque controllers for all types of Lorentz force machines, i.e. DC, synchronous and induction machines. The rotating transformer model forms the basis for the generalized modeling approach of rotating field machines, which leads to the development of universal field-oriented control algorithms. Contrary to this, direct torque control algorithms, using observer-based methods, are developed for switched reluctance machines. Tutorials are included at the end of each chapter, and the reader is encouraged to execute these tutorials in order to gain familiarity with the dynamic behavior of drive systems. This updated edition uses PLECS® simulation and vector processing tools that were specifically adopted for the purpose of these hands-on tutorials. Hence, Advanced Electrical Drives encourages "learning by doing" and the experienced drive specialist may find the simulation tools useful to design high-performance torque controllers. Although it is a powerful reference in its own right, when used in conjunction with the companion texts Fundamentals of Electrical Drives and Applied Control of Electrical Drives, this book provides a uniquely comprehensive reference set that takes readers all the way from understanding the basics of how electrical drives work, to deep familiarity with advanced features and models, to a mastery of applying the concepts to actual hardware in practice. Teaches readers to perform insightful analysis of AC electrical machines and drives; Introduces new modeling methods and modern control techniques for switched reluctance drives; Updated to use PLECS® simulation tools for modeling electrical drives, including new and more experimental results; Numerous tutorials at end of each chapter to learn by doing, step-by-step; Includes extra material featuring "build and play" lab modules, for lectures and self-study.

The Prometheus Bound

Visualization in Modern Cartography

E-business & E-commerce

Handbook of Fiber Chemistry, Third Edition

Third Edition

Preservation Planning

Introduction to Indo-European Linguistics

Building on solid state device and electromagnetic contributions to the series, this text book introduces modern power electronics, that is the application of semiconductor devices to the control and conversion of electrical power. The increased availability of solid state power switches has created a very rapid expansion in applications, from the relatively low power control of domestic equipment, to high power control of industrial processes and very high power control along transmission lines. This text provides a comprehensive introduction to the entire range of devices and examines their applications, assuming only the minimum mathematical and electronic background. It covers a full year's course in power electronics. Numerous exercises, worked examples and self assessments are included to facilitate self study and distance learning.

For secondary courses in cartography. This comprehensive text blends broad coverage of basic methods for symbolizing spatial data with an introduction to cutting-edge data visualization techniques. The authors' balanced presentation clearly contrasts different approaches for symbolizing spatial data, in addition to individual mapping techniques.

Turbomachines, which comprise turbines, compressors and fans, are used in electricpower generation, aircraft propulsion and a wide variety of medium and heavy industries.The importance of this class of machines can be understood by the examples of2000 MW steam turbines, turbojet engines, etc.This book is a self-contained treatise in the theory, design and application of turbomachines. The book deals with the use of turbomachines in air handling, powergeneration, aircraft propulsion and several industrial applications. It covers the basictheory and working of all kinds of turbomachines. In addition, the book discusses:• The role of individual turbomachines in a plant• Dimensional analysis and flow through cascades• Fans, blowers, high-temperature turbine stages and aerospace engineering\* Problems on hydraulic turbines and pumps

This handbook gives comprehensive coverage of all kinds of industrial control systems to help engineers and researchers correctly and efficiently implement their projects. It is an indispensable guide and references for anyone involved in control, automation, computer networks and robotics in industry and academia alike. Whether in the manufacturing sector, large-scale infrastructure systems, or processing technologies, this book is the key to learning and implementing real time and distributed control applications. It covers working at the device and machine level as well as the wider environments of plant and enterprise. It includes information on sensors and actuators; computer hardware; system interfaces; digital controllers that perform programs and protocols; the embedded applications software; data communications in distributed control systems; and the system routines that make control systems more user-friendly and safe to operate. This handbook is a single source reference in an industry with highly disparate information from myriad sources. \* Helps engineers and researchers correctly and efficiently implement their projects. \* An indispensable guide and references for anyone involved in control, automation, computer networks and robotics. \* Equally suitable for industry and academia

School-community-university Partnerships for a Sustainable Democracy

The Sociology of Health and Medicine

A Critical Introduction

Laboratory Biosafety Manual

Mechatronics

Negotiating the Danube-Oder-Elbe Canal in a Troubled Twentieth Century

A Unified Approach

The impact of the technology of Computer-Aided Design and Manufacturing in automobile engineering, marine engineering and aerospace engineering has been tremendous. Using computers in manufacturing is receiving particular prominence as industries seek to improve product quality, increase productivity and reduce inventory costs. Therefore, the emphasis has been attributed to the subject of CAD and its integration with CAM. Designed as a textbook for the undergraduate students of mechanical engineering, production engineering and industrial engineering, it provides a description of both the hardware and software of CAD/CAM systems. The Coverage Includes ? Principles of interactive computer graphics ? Wireframe, surface and solid modelling ? Finite element modelling and analysis ? NC part programming and computer-aided part programming ? Machine vision systems ? Robot technology and automated guided vehicles ? Flexible manufacturing systems ? Computer integrated manufacturing ? Artificial intelligence and expert systems ? Communication systems in manufacturing PEDAGOGICAL FEATURES ? CNC program examples and APT program examples ? Review questions at the end of every chapter ? A Comprehensive Glossary ? A Question Bank at the end of the chapters

The Handbook of Fiber Chemistry, Third Edition provides complete coverage of scientific and technological principles for all major natural and synthetic fibers. Incorporating new scientific techniques, instruments, characterization, and processing methods, the book features important technological advances from the past decade, particularly in fiber production and novel applications. It contains the latest data and insight into the chemistry and structural properties made possible by these advances. Authored by leading experts in the field of fiber science, most chapters in this third edition of a bestseller are either new or extensively updated. Chapters on synthetic fibers detail their formation from monomers, while those on natural fibers cover extraction and purification methods. Each chapter encompasses definitions, morphology, and fine structure: properties, testing, processing methods, and equipment; and the conversion into marketable products. Taking into account the recent expansion and diversification of markets for various fibers, this book also offers a solid foundation in the principles used for developing new fibers, including biologically and electronically active fibers. The Handbook of Fiber Chemistry, Third Edition offers a better understanding of the structure-property relationships of fibers and fiber-related phenomena. It is an ideal volume for scientists, technologists, and engineers working to develop novel and innovative products and technologies using natural and synthetic fibers.

The development of low-cost digital integrated circuits has brought digital switching from a concept to an economic reality. Digital switching systems have now found worldwide acceptance and there are very few new switching systems being considered either for design or application which are not digital. Digital technology has created new opportunities for innovation including the integration of digital transmission and switching, the combi nation of voice and data services in one switching entity, and the design of switching systems which are economical over a broad range of sizes. In the strict sense, the term "digital switching" refers to a system which establishes a message channel between two terminations where infor mation is represented in digital form. In more common usage, a digital switch usually contains a time-divided network composed of logic gates and digital memory to accomplish the switching function. The intent of this book is to provide an introductory level explanation of the principles of digital switching. These principles apply to both public and PABX switching. The book is aimed at those who apply, design, main tain, or simply wish to understand digital switching techniques. An electri cal engineering degree is definitely not required for comprehension. We have concentrated on explaining digital switching techniques without the use of detailed mathematics. However, each chapter contains a comprehen sive list of references which will lead the reader to sources for a more in-depth study of the many subjects covered.

This book brings together in a single volume the theory, construction, design, control electronics, and in-depth analysis of several non-traditional machines such as stepper motors, switched reluctance motors, permanent magnet DC machines, brushless DC machines, and linear induction machines. These machines are finding ever-increasing applications, typically in position control systems, robotics and mechatronics, electric vehicles, and high speed transportation. A particular feature of this book is that it does not stop at the basic principles of these complex machines but goes on to cover recent developments and current research, making it useful for senior graduate students and research scholars in the field of electrical machines and drives.

ENGINEERING GRAPHICS

Analysis, Modeling, Control

Fundamentals of Digital Switching

Managing the Dynamics of New Product Development Processes

Introduction to Power Electronics

Fieldbus and Networking in Process Automation

The Ghost Rider

No previous knowledge of data communications and related fields is required for understanding this text. It begins with the basic components of telephone and computer networks and their interaction, centralized and distributive processing networks, Local Area Networks (LANs), Metropolitan Area Networks (MANs), Wide Area Networks (WANs), the International Standards Organization (OSI) Management Model, network devices that operate at different layers of the OSI model, and the IEEE 802 Standards. This text also introduces several protocols including X.25, TCP/IP, IPX/SPX, NetBEUI, AppleTalk, and DNA. The physical topologies, bus, star, ring, and mesh are discussed, and the ARCNet, Ethernet, Token Ring, and Fiber Distributed Data Interface (FDDI) are described in detail. Wiring types and network adapters are well covered, and a detailed discussion on wired and wireless transmissions including Bluetooth and Wi-Fi is included. An entire chapter is devoted to the various types of networks that one can select and use for his needs, the hardware and software required, and tasks such as security and safeguarding data from internal and external disasters that the network administrator must perform to maintain the network(s) he is responsible for. Two chapters serve as introductions to the Simple Network Management Protocol (SNMP) and Remote Monitoring (RMON). This text includes also five appendices with very useful information on how computers use numbers to condition and distribute data from source to destination, and a design example to find the optimum path for connecting distant facilities. Each chapter includes True-False, Multiple-Choice, and problems to test the reader's understanding. Answers are also provided.

With a focus on electromechanical systems in a variety of fields, this accessible introductory text brings you coverage of the full range of electrical mechanical devices used today. You'll gain a comprehensive understanding of the design process and get valuable insights into good design practice. UNDERSTANDING ELECTROMECHANICAL ENGINEERING will be of interest to anyone in need of a non-technical, interdisciplinary introduction to the thriving field of mechatronics.

2. Introduction to Internet Explorer 5 and the World Wide Web. 3. e-Business Models. 4. Internet Marketing. 5. Online Monetary Transactions. 6. Legal, Ethical and Social Issues; Internet Taxation. 7. Computer and Network Security. 8. Hardware, Software and Communications. 9. Introduction to HyperText Markup Language 4 (HTML 4). 10. Intermediate HTML 4. 11. Ultimate Paint. 12. Microsoft FrontPage Express. 13. JavaScript/JScript: Introduction to Scripting. 14. JavaScript/JScript: Control Structures I. 15. JavaScript/JScript: Control Structures II. 16. JavaScript/JScript: Functions. 17. JavaScript/JScript: Arrays. 18. JavaScript/JScript: Objects. 19. Dynamic HTML: Cascading Style Sheets (CSS). 20. Dynamic HTML: Object Model and Collections. 21. Dynamic HTML: Event Model. 22. Dynamic HTML: Filters and Transitions. 23. Dynamic HTML: Data Binding with Tabular Data Control. 24. Dynamic HTML: Client-Side Scripting with VBScript. 25. Active Server Pages (ASP). 26. ASP Case Studies. 27. XML (Extensible Markup Language). 28. Case Study: An Online Bookstore. 29. Perl 5 and CGI (Common Gateway Interface). 30. Dynamic HTML: Structured Graphics ActiveX Control. 31. Dynamic HTML: Path, Sequencer and Sprite ActiveX Controls. 32. Multimedia: Audio, Video, Speech Synthesis and Recognition. 33. Macromedia Flash4: Building Interactive Animations. 34. Accessibility. Appendix A: HTML Special Characters. Appendix B: HTML Colors. Appendix C: ASCII Character Set. Appendix D: Operator Precedence Charts. Bibliography. Index.

Networks

Education for Democratic Citizenship in Europe and the United States of America

Designing the School Curriculum

No Experience Required

Guidelines for Writing a Long-range Plan