SALEM PRESS

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Salem Press Announces the newest Volume in
The *Principles of Science* Series, *Information Technology*

Salem Press is pleased to add *Principles of Information Technology* as the twentieth title in the *Principles of Science* series. This resource introduces students and researchers to the fundamentals of information technology using easy-to-understand language, to provide a solid background, and help readers develop a deeper understanding and appreciation of this important and evolving subject.

As a broad field that encompasses many of the key technologies of the early twenty-first century, information technology is poised to remain a major field of study and professional practice for years to come. The field will continue to evolve as new developments in the current technologies are discovered. Information technologies are also highly dependent on the human beings who design, operate, and benefit from them. As such, students and practitioners in the field need to develop both a deep knowledge of the technologies used to store, retrieve, and send information and a strong understanding of humankind's complex relationships with information and with the technologies themselves.

Principles of Information Technology includes 121 entries arranged in A to Z order to help make finding a topic of interest easy. Entries related to basic principles and concepts include an Abstract that provides a brief, concrete summary of the topic; a detailed Essay that gives an explanation of the background and significance; and Further Reading lists that relate to each entry.

Entries in *Principles of Information Technology* range from one to five pages in length. Topics discussed include:

- Artificial Intelligence
- Audio Engineering
- Computer Science
- Digital Citizenship
- Electronic Circuits
- Firewalls
- Holographic Technology
- iOS
- Liquid Crystal Technology
- Malware
- Music Editing
- Photography Science
- Radio
- Software Engineering
- Video Game Design and Programming and more

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This volume also includes several helpful appendixes, including:
- A Glossary that defines all the key specialized terms used throughout the book
- A comprehensive General Bibliography and list of Further Reading, comprising all the works that the authors drew upon in writing their articles as well as subjects for further study
- A Subject Index, that offers multiple points of entry for the reader

With over 120 essays, this new volume will give readers an overview of the major concepts and contemporary issues surrounding the study of information technology. Designed for students and researchers, this volume provides new ways to think about and study issues, policies, and practices in this field. This will be a helpful addition to science and technology programs at the high school, community college, and university levels, and is a must for STEM students at the high school and undergraduate levels.

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