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Salem Press Announces *Principles of Architecture*

Architecture is the latest volume in Salem's *Principles of Science* series, which includes *Mass Communication, Microbiology, Energy, Marine Science, Cybersecurity, Information Technology, and Mathematics*, to name a few.

This new resource explores the broad field of architecture, examining its history and scientific principles. Insights into notable architects, designs, and major architectural styles are provided as well.

Principles of Architecture begins with a comprehensive Editor's Introduction to this important topic written by Richard M. Renneboog, MSc. This volume continues to expand on different facets of Architecture in depth in its 135+ entries that follow a convenient alphabetical arrangement, making specific topics easy to find.

Architecture is more than the design and execution of a building project. It often includes a combination of art, science, and technology. Architecture is not limited to the planning and development of buildings; it can also refer to anything constructed including computer systems. Professionals in this field carry a great deal of responsibility in ensuring that the design is within structural and safety regulations.

This title provides a critical look at architecture and provides readers with a solid foundation in all of the different parts that must come together to properly construct buildings and architectural spaces. This volume begins with a look into the fundamentals of architecture, covering topics including applied physics, materials science, solid mechanics, and technical drawing, to name a few. A deep dive into architectural materials and technology follows, providing insights into civil engineering, electric grids, earthquake engineering, and much more. Additionally, notable examples of art and architecture from ancient civilizations all over the world are examined from ancient Africa to ancient Rome.

Important architects including Michelangelo, Maya Ying Lin, and Augustus Pugin, to name a few, are profiled, with their life work and significance in the broader architecture community highlighted. This volume concludes with a close-up look at important architectural designs and styles from around the world.

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

<ul style="list-style-type: none">• Archaeology• Fluid Dynamics• Building Decay• Electric Grids• Landslide and Slope Stability• Structural Engineering• Sick Building Syndrome• Urban Planning• The Aswan High Dam	<ul style="list-style-type: none">• The Golden Ratio• The Rebuilding of St. Paul's Cathedral• Art Deco Architecture• Baroque Architecture• Gothic Architecture• Islamic Architecture• Megalithic Architecture• Neoclassic Architecture• Phoenician Architecture
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Entries begin with a brief Abstract describing the key elements of the article, followed by Key Concepts, Summary, and Significance sections. All entries end with helpful Further Reading recommendations.

This work also includes helpful appendices, including:

- Bibliography;
- Glossary;
- Organizations;
- Subject Index

Principles of Architecture, as well as all Salem Press reference books, is available in print and as an e-book. Please visit www.salempress.com for more information.

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Principles of Architecture

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