

# Architecture

Introduction to Architecture & Town Planning

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# Architecture

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## What is Architecture?

Architecture is the **art**, science, and profession of planning, **designing**, and supervising the construction of new **buildings, landscapes, communities**, and **furnishings** in their totality, examining their environment in accordance with the **principles** of utility, strength, and **aesthetics**.

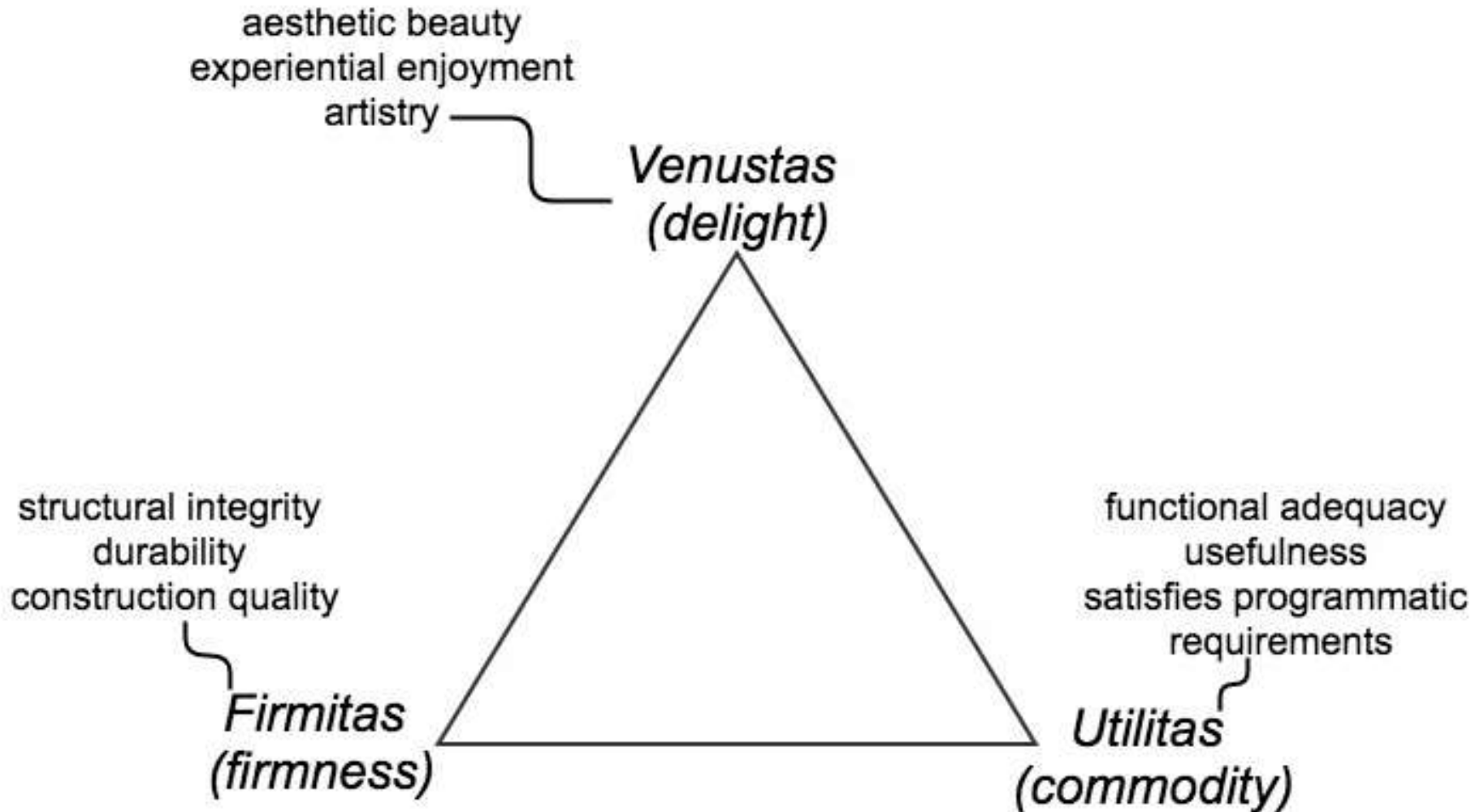
# Other Definitions of Architecture

- ❖ **Architecture** is both the process and the product of planning, designing, and constructing buildings or any other structures. Architectural works, in the material form of buildings, are often perceived as cultural symbols and as works of art.
- ❖ Architecture provides a sense of place and support of all types of human activity.
- ❖ Architecture helps the man-made fit in harmony with the environment while promoting health and well-being, enriching lives aesthetically and spiritually, providing economic opportunities, and creating a legacy that reflects and symbolizes culture and traditions.

# Other Definitions of Architecture

- ❖ The selection of forms, shapes, materials, texture, color, etc. for a structure to make it look elegant and beautiful is called Architecture. It tells us how to provide support to the building economically from the point of view of materials as well as of space.
- ❖ It makes use of applied services such as structural engineering, sanitation, hygiene and ventilation, etc.
- ❖ It utilizes proper materials at the proper places and in appropriate form.

# Principles of Architectural Design



# Delight (Example of Beauty in old Buildings)



PHOTO COURTESY CHRISTINA AHLHELM, FLICKR

# Delight (Example of Beauty in New Buildings)

Falling water by Architect Frank Lloyd wright

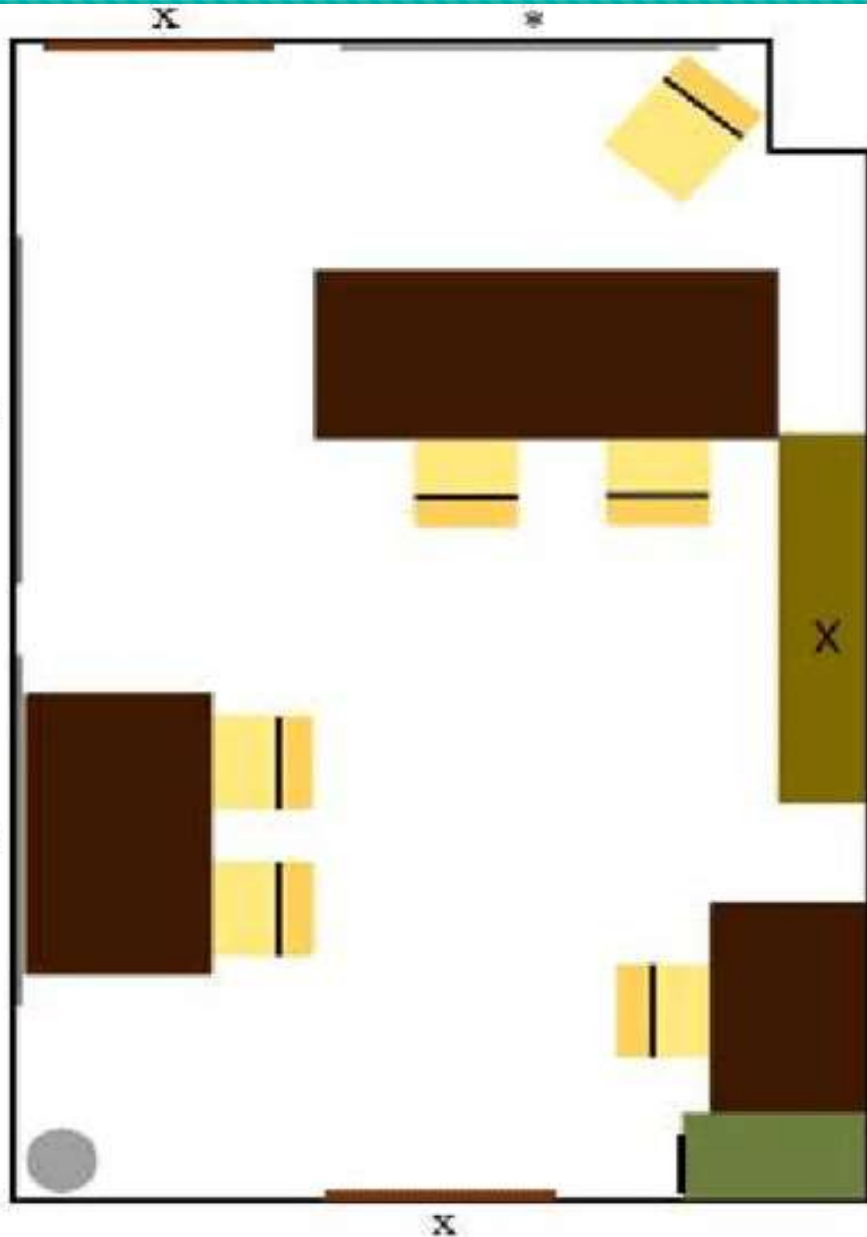


# Firmness (Example of structural stability Buildings)

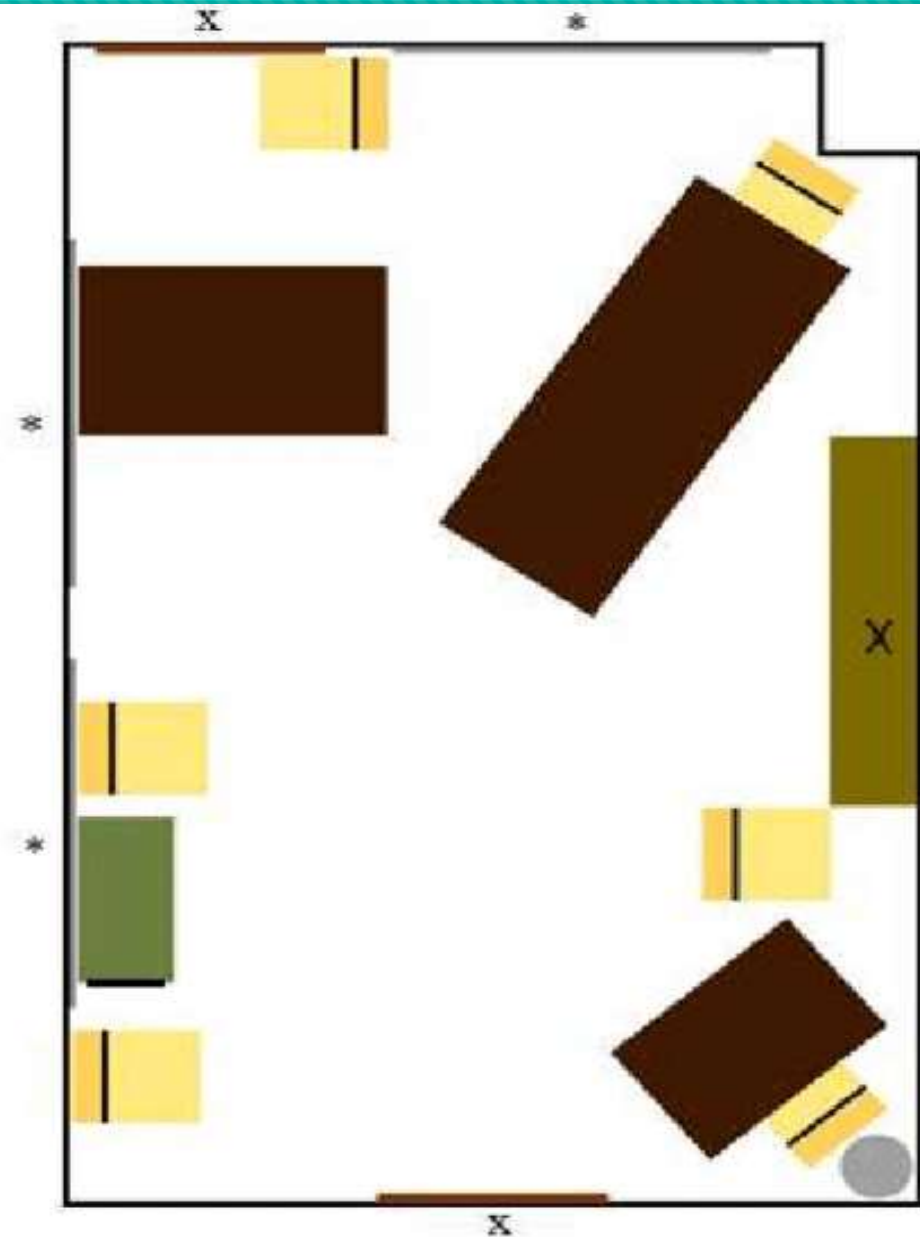




# Commodity (Example of Room Layouts )



Functional Arrangement



Non-Functional Arrangement