

ARCHITECTURAL THEORY

FINAL EXAM STUDY GUIDE

ARC 4520 | Architectural Theory | Prof. Brandon Ro, AIA, NCARB

The final exam will consist of 50 multiple choice, true/false, fill-in-the-blank, and matching questions. No essay questions will be on the final exam. The entire exam will be worth 150 points.

KEY CONCEPTS/TERMS

DEFINITIONS

- Architecture theory
- Esquisse
- Parti
- Analytique
- Poche
- Charrette
- Beauty
- Firmitas
- Venustas
- Utilitas
- Ordinatio
- Symmetria
- Eurythmia
- Dispositio
- Décor
- Modernism
- Deconstructivism
- Brutalism
- Eclecticism
- Classicism
- Post-modernism
- Avant-garde
- Biomimicry

CONCEPTS

- Sources of architectural form
- Theory vs Practice
- Architect's Education (Vitruvius)
- Educational model: Ecole des Beaux-Arts
- Educational model: Bauhaus
- Educational model: Notre Dame
- Educational model: Utah Valley University

- Subjective/objective aesthetics
- Magnitude (scale) in beauty
- Relationship of architecture and music
- Human proportions to architecture
- Modular
- Structural purpose: column, wall, beam
- Greek tectonics
- Durability of building materials
- Craft of architecture
- Hand vs digital production
- Form follows function
- Form expressing purpose
- Origins of building types / typology
- Modernism's approach to typologies
- Modern design elements (Corbusier)
- Symbolism/Meaning of Classical orders
- Guiding principles of modernism
- Less is more
- Less is a bore
- Ornament as criminal
- Architectural meaning
- Contextual design
- Spirit of place or Genuis loci
- Distance from past
- Tradition vs Newness
- Zeitgeist or Spirit of the Age
- Architecture as symbol
- Classicism is not a style argument
- Lamp of truth
- Architectural Deception vs Authenticity
- Fictitious culture or Commercialized images
- Architecture as science-fiction / futurism
- Innovation vs Imitation

- Precedent design
- Short-term consumption vs long-term use
- Terror of time

PEOPLE

- Marcus Vitruvius
- Leon Battista Alberti
- Aristotle
- George Wilhelm Friedrich Hegel
- Louis Sullivan
- Rene Ouvrard
- Frank Lloyd Wright
- Adolf Loos
- Ludwig Mies van der Rohe
- Le Corbusier
- Karl Botticher
- William Strickland
- Leon Krier
- Juhani Pallasmaa
- Kevin Lynch
- Demetri Porphyrios
- John Ruskin
- Karsten Harries
- Robert Adam
- Nikos Salingaros
- Mark Gelernter
- Alberto Perez-Gomez
- Robert Venturi
- Robert A.M. Stern