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CONTINUING EDUCATION JUNE 2018

## THE ELEMENTS OF CLASSICAL ARCHITECTURE: THE IONIC ORDER

**INSTRUCTOR:** Mason Roberts; T.A. David Case

**DESCRIPTION:**

Acting as a base to the wider canon of classical architecture, the five classical orders have been used since antiquity as a means of proportioning buildings in a harmonious way, while simultaneously giving logic and meaning. The purpose of this course is to provide an in-depth study of the Ionic Order, including its history, proportioning, and meaning. The history portion will cover the evolution of this order from its roots in Ancient Hellenic Cultures in the near East through its rediscovery in the modern-day movement of New Classicism. The study of Ionic proportions will include a hand-drawn tutorial in which participants will compose the base, capital and entablature of the order according to the American academic William Ware. Special attention will be given to the geometry of the *volute* in the Ionic capital. Ware, who founded the schools of architecture at Columbia and MIT, in turn took his cues from the Renaissance treatise of the architect Giacomo Barozzi da Vignola.

**COURSE OBJECTIVES:**

- A brief introduction of the classical orders
- A history of the Ionic Order, showing its evolution and variations from Antiquity to the Present
- An introduction to the proportioning system of the Ionic Order, as seen in antiquity, the Renaissance, and the Neoclassical eras.
- A look at the application of the Ionic Order to actual buildings and design elements

**COURSE PRE-REQUISITES:**

Course content is designed for those with limited exposure to the classical language, as well as for those seeking to refresh their literacy with the elements of classical architecture.

**COURSE FORMAT:**

Course instruction includes an illustrated introduction and drawing exercises.

**MEETING TIME:**

June 2, 9:00AM – 2:00PM

**REFERENCED TEXT:**

Note: copies of essential plates from books below and additional sources will be provided.

Ware, William. R. (1994 reprint). *The American Vignola: A Guide to the Making of Classical Architecture*. New York: Dover Publications, Inc.

- Plates and text on the Ionic Order and related elements based on Vignola's codification of Ancient Roman examples, as interpreted by the American William Ware.

Onians, John (1989). *"Bearers of Meaning: The Classical Orders in Antiquity, the Middle Ages, and the Renaissance"*. Princeton University Press.

- A narrative describing the origin of the Classical Orders and their evolution and use from Antiquity through the Renaissance.



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**MATERIALS:**

For in class drawing and notes:

- Sketchbook or Drawing Pad (loose leaf paper acceptable) – recommended size 11x 17
- Drawing pencils or lead holder with drawing leads (recc. F, HB, B, or 2B)
- Eraser
- Ruler or Architectural Scale – 12 inches minimum
- Pencil Sharpener or Lead Pointer
- Simple drawing compass (optional; highly recommended)

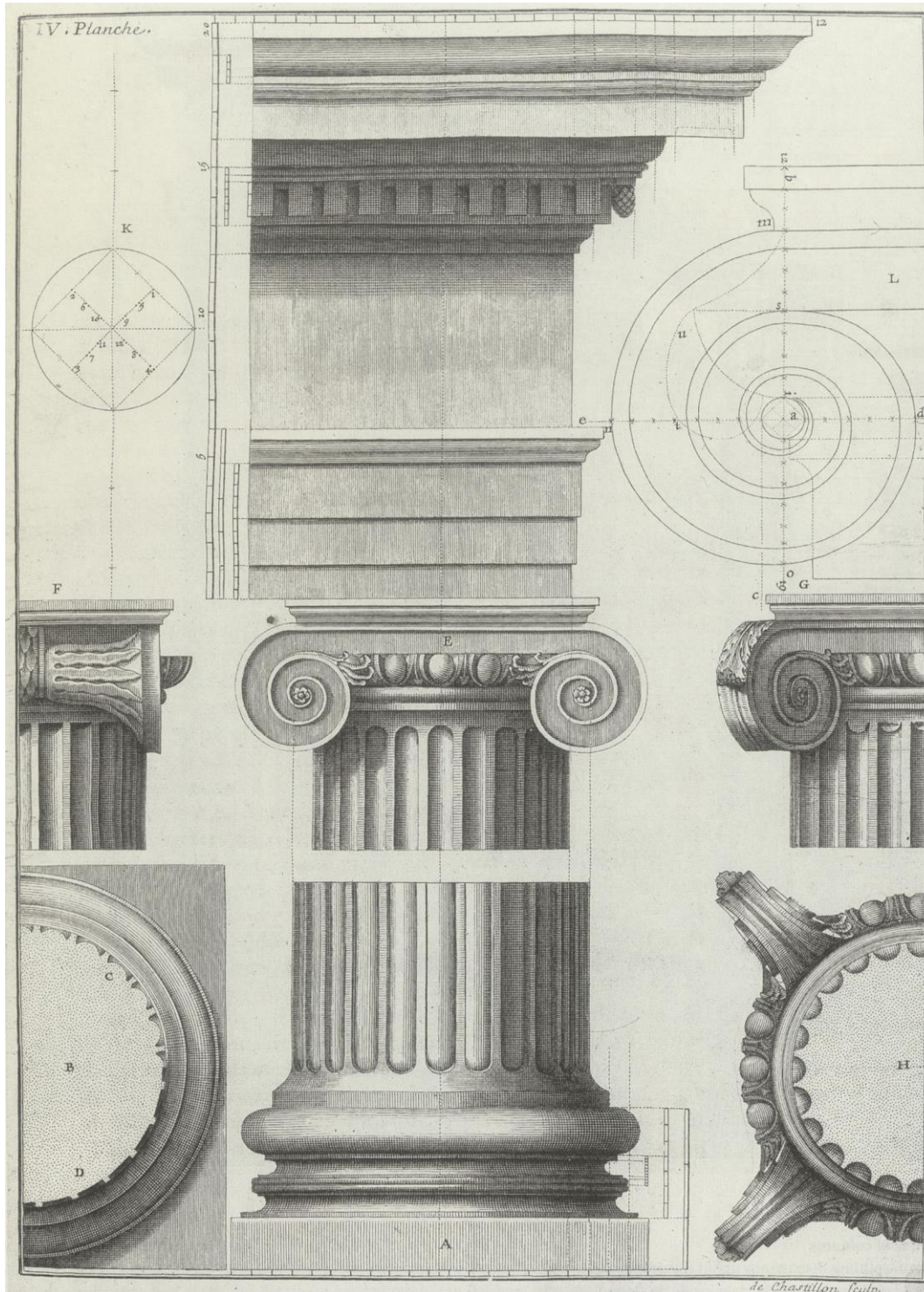
**RECOMMENDED TEXTS FOR FURTHER STUDY:**

- Adam, R. (1991). *Classical Architecture*. New York: Abrams.
- Chambers, W. (2003). *A Treatise on the Decorative Part of Civil Architecture*. Mineola: Dover.
- Chitham, R. (1985). *The Classical Orders of Architecture*. New York: Rizzoli.
- Cordingley, R. (2015 reprint). *The Orders of Architecture*. New York: Dover.
- Curl, J. S. (1992). *Classical Architecture*. New York: Van Nostrand Reinhold.
- D'Espouy, H. (1981). *Greek and Roman Architecture in Classic Drawings*. (J. Blatteau, Ed.) Mineola: Dover.
- Gibbs, James. (various reprints, ) *Rules for Drawing the Several Parts of Architecture*.
- Gromort, G. (2001). *The Elements of Classical Architecture*. (H. H. Reed, Ed.) New York: Norton.
- Mauch, J. M. (1988). *Parallel of the Classical Orders of Architecture*. (D. Rattner, Ed.) New York: Acanthus.
- McGoodwin, H. (1989). *Architectural Shades and Shadows*, Bates and Guild Co., Boston, 1926. AIA reprint.
- Letarouilly, P. (1982). *Edifices de Rome Moderne*. New York: Princeton Architectural Press.
- Palladio, A. (1965). *The Four Books of Architecture*. Mineola: Dover.
- Stratton, A. (2003). *Form and Design In Classic Architecture*. Mineola: Dover.
- Stuart, J. (2008). *Antiquities of Athens*. New York: Princeton Architectural Press.
- Vignola, G. (2011 reprint). *Canon of the Five Orders of Architecture*. Mineola: Dover.
- Vignola, G. (1999 reprint). *Canon of the Five Orders of Architecture*. New York: Acanthus.
- Vitruvius, Trans. Smith, T.G. (2003) *On Architecture*. New York: Monacelli.



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