

Department of Art Syllabus

I. ART 323 Human Factors for Interior Design, 3 Credit Hours Online

This course is fully online. Online instruction is a formal, Internet-based or Internet-supported educational process in which instruction occurs between instructor and learner in an online environment. Online instruction for this course is asynchronous. With asynchronous instruction, the instructors and the students interact, but not at the same time. There usually is a time delay in communication between the instructors and students in asynchronous instruction.

II. PRE-REQUISITES: ART 271

III. TEXTBOOK:

Nussbaumer, Linda (2018). *Human Factors in the Built Environment*. Fairchild Books. Second Edition.

IV. COURSE DESCRIPTION

A lecture course focusing on the relationship of the human body and space planning to the design process in order to properly plan and detail interiors.

V. RATIONALE

Interior designers must plan and detail environments while carefully considering scale in relation to the human body. Additional human factors such as proxemics, sensory components, special populations and inclusive design must also be considered in the design of residential and commercial spaces.

VI. LEARNING OBJECTIVES AND OUTCOMES

- A. Gain a thorough understanding of Proxemics, anthropometrics, and ergonomics
- B. Understand how to apply principles of inclusive design
- C. Develop empathetic approach to designing for special populations

VII. COURSE TOPICS

- A. Proxemics
- B. Anthropometrics
- C. Ergonomics
- D. Inclusive Design
- E. Human Diversity
- F. The elderly
- G. Children

- H. Environmental considerations
- I. Residential Environments
- J. Commercial Environments

VI. EVALUATION

See Department of Art Syllabus Addendum for Grading Scale

VII. REFERENCES

- Abercrombie, S. (1990). *A philosophy of interior design*. New York: Harper and Row.
- Ballast, David Kent. (2010). *Interior Design Reference Manual*. Belmont, CA: Professional Publications, Inc.
- Ching & Bingelli. (2005). *Interior Design Illustrated*. Hoboken, NJ. John Wiley and Sons. (Second Edition)
- De Chiara, J., Panero, J., Zelnik, M. (2011). *Time-Saver Standards for Interior Design and Space Planning*. New York: McGraw-Hill. (Second Edition)
- Jones, Lynn M. and Allen, Phyllis S. (2009). *Beginnings of Interior Environments*. (10th Edition). Pearson Prentice Hall.
- Panero, Julius and Zelnik, Martin. (1979). *Human Dimension and Interior Space: A Source Book of Design Reference Standards*. Crown Publishing Group.
- Pegler, M.M. (1983). *The dictionary of Interior Design*. New York: Fairchild books.
- Reznikoff, S. (1979). *Specifications for commercial interiors: professional liabilities, regulations, and performance criteria*. New York: Whitney Library of Design.
- Reznikoff, S.C. (1986). *Interior graphic and design standards*. New York: Whitney Library of Design.
- Steinfeld, Edward and Maisel, Jordan. (2012). *Universal Design: Creating Inclusive Environments*. John Wiley and Sons (First Edition)