



ID 2320 – Human Factors in Design

Instructor: Gordon Vos, PhD

Class Time: Early Summer, Tuesdays and Thursdays at 5pm

ET Class Format: Online

Class Synopsis: Human Factors in Design provides an introduction to the topics of Human Factors, Ergonomics, and Anthropometry including the fundamentals of:

- The physical senses
- Anthropometry and biomechanics
- Human information processing capabilities

Students learn to apply human factors to design of products, physical controls and computer interfaces. Upon completion of the course students will:

- Understand the basic capabilities of human sense and cognition
- Understand the basics of human physical capabilities
- Understand ergonomic design guidelines
- Be able to apply ergonomic research to the design process
- Evaluate the ergonomic design of products and systems