



Course Revision: SAFE 347 Ergonomics

Part II. Description of Curriculum Change

1. New Catalogue Description

SAFE 347 Ergonomics 2c-3l-3cr

Prerequisite: SAFE majors only or instructor permission

Prerequisite or Corequisite: BIOL 104 or BIOL 155

Explores the principles which control human performance and its effect upon the safety and

reliability of systems. Engineering anthropometrics, human perception, biomechanics of motion and work posture, work physiology, and human performance measurement are taught in the context of their application in workplace design. Instructs in methodologies for analysis of tasks and human performance requirements. Important human limitations and ergonomic hazard evaluations, such as lifting and repetitive motion tasks, are studied in laboratory sessions.

2. Listing of proposed change including complete old catalog description