

PENNSYLVANIA STATE UNIVERSITY



IE 419

Work Design: Productivity and Safety

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Class #1

IE 419 –Work Design (Productivity and Safety)

PURPOSE of course:

- 1) To improve productivity
- 2) To improve worker safety
- 3) Primarily in industry (some service)

OBJECTIVES (ABET)

- Perform work measurement (1.7)
 - Develop an MTM/MOST analysis
 - Carry out a work sampling study
- Understand professional and ethical responsibility (4.3)
- Understand impact of engineering solutions in a global and societal context (4.4)