ILLINOIS INSTITUTE
OF TECHNOLOGY

Transforming Lives. Inventing the Future.
www.iit.edu

SOFTWARE ENGINEERING
CS 487

Prof. Dennis Hood

Computer Science

Homework #2

- Design a lecture enhancement system (LES) which:
  - Keeps a student effectively engaged throughout by:
    - filtering out extraneous noise,
    - maintaining a comfortable temperature, and
    - a prompting the student whenever their awareness drops
  - Partners effectively with sensors and other systems
- Deliverable requirements:
  1. Draw a context model showing the system and its partners
  2. Specify a binary protocol for all C-C-I communication
  3. Specify a LES-to-student protocol (C-H-I)
  4. Use flowcharts to explain the detection and handling of "noise", "uncomfortable", and "lack of awareness", exceptions
- Submit to Blackboard by Feb. 17th