

SYSTEMS DESIGN ENGINEERING

Advanced Applications of Ecological Interface Design

SYDE 740 - Topic 4

Winter

This course will explore emerging areas in ecological interface design. The emphasis is new applications and, in several cases, non-interface applications of the approach. Applications to collision avoidance systems, automation development, and intelligent agent design will be discussed. Students must have prior experience with work domain analysis and ecological interface design to be admitted into the class.

The course requires an in-depth technical report on a relevant advanced application of EID.

INSTRUCTOR: C. Burns
c4burns@uwaterloo.ca