

SYSTEMS DESIGN ENGINEERING

Situation Awareness

SYDE 740 - Topic 5

Winter

This course will review Endsley's concept of situation awareness. Students will learn the various measurements of situation awareness and when to apply which measure to their research. Students must be involved in a research project that is using situation awareness measures. Students will learn to take a critical approach to current situation awareness research and must demonstrate the ability to partake in discussions on this topic at the level of a senior graduate student.

Students will be asked to produce a report comparing situation awareness measures and making a critical choice of which measures to use in which research situation. Students may also be asked to complete several assignments that may include reading tasks and journal paper critiques.

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