Expected Outcomes: Develop concept sketching ability

Upon graduation all students should have developed the facility to communicate problem analysis, evolutionary development and design resolution through conceptual rapid sketching techniques.

Related typical general education outcomes:

1. Information Literacy
6. Ability to Solve Open-Ended Problems
12. Aesthetic Appreciation and Engagement

Assessment methods

Method: Portfolio review

During the spring 2012 semester, a random sample (20) of work from the (45) students enrolled in the fall 2011 portfolio class, INDD 5120, was presented to a portion of the INDD Advisory Council made up of (5) industrial design professionals. In the assessment attention was specifically directed at the evaluation of the conceptual sketching presented within the context of the portfolios. Evaluations were based on a (5.0) scale with (5.0) being the highest level of accomplishment.

Findings:

The mean score assessment of the (20) portfolios reviewed by (5) industry professionals was (3.4) on a (5.0) scale. This is an improvement over the (3.2) evaluation accomplished in the 2011 assessment.

How did you use findings for improvement?

Continued integration of conceptual sketching techniques into the design studios at every year level must be sustained. Evidence of the current effort is visually present in many of the studios, and appropriately displayed as part of the product development process hall exhibition related to each studio.

Additional comments:

None