

**NTID  
Critical Thinking Outcomes Assessment  
Plan and Report for AY 2007-2008**

*Program Goal: NTID graduates will demonstrate critical thinking when solving problems, answering questions, and reaching conclusions on issues.*

Critical Outcomes for all Students		Assessment of Outcomes		Timeline		Results	
Domain/Task/Capability	Performance Criteria/Benchmarks	Instrument/Opportunity	Assessment of Performance	Develop	Collect	Summarization of Results	Use of Results
Critical Thinking AOS level	Each student completing an AOS degree will identify a problem, question, or issue, generate solutions, answers or perspectives, find supporting information relevant to the identified alternatives and draw an appropriate conclusion.	Team project in the Capstone Seminar course analyzing a topic relevant to his/her technical major or career aspirations.	90% of the students' team projects in the Capstone Seminar will receive a holistic rating of at least level 1 on the NTID Critical Thinking Rubric.	2002-2004	Data have been collected quarterly since AY 2004-2005	In AY 2007-2008, data were collected from 41 AOS students. Thirty nine of these students (95%) met or exceeded the Critical Thinking criterion score of 1.	<p>The Capstone course was revised in AY 2007-2008 to better address curricular goals. As a result of this revision, we began a new round of data collection in AY 2007-2008. Data reported in this summary, therefore, represent results from AY 2007-2008 onward.</p> <p>The Department of Cultural &amp; Creative Studies Curriculum Committee conducted a review of our efforts to address student learning outcomes in critical thinking, English literacy and communication within the department's</p>

						course offerings. The following questions were specifically addressed: 1) are our efforts sufficient? and 2) in what ways can we do better? In general, the committee felt that our efforts are adequate. However, since there is always room for improvement, the committee provided the department with a list of suggestions for improving student learning outcomes in these areas.	
Critical Thinking AAS level	Each student completing an AAS degree will identify a problem, question, or issue, generate solutions, answers or perspectives, find supporting information relevant to the identified alternatives and draw an appropriate conclusion.	Team project in the Capstone Seminar course analyzing a topic relevant to his/her technical major or career aspirations.	90% of the students' team projects in the Capstone Seminar will receive a holistic rating of at least level 2 on the NTID Critical Thinking Rubric.	2002-2004	Data have been collected quarterly since AY 2004-2005	In AY 2007-2008, data were collected from 37 AAS students. Twenty eight of these students (76%) met or exceeded the Critical Thinking criterion score of 2.	See comments stated above under "Use of Results."

**Comments:**

Inter-rater reliabilities range from  $r = 0.64$  to  $r = 0.86$ , indicating that the evaluation procedure is sufficiently reliable for outcomes assessment purposes.

Beginning in AY 2007-2008, students worked in teams and delivered group presentations at the end of the quarter. Each student's portion of the group presentation was evaluated by the instructor in accordance with the Critical Thinking Rubric.

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