

**PhD, Apparel and Textiles specialization in Human Ecology
Student Learning Outcomes and Evaluation Matrices**

A. Program Information

Department: Apparel, Textiles, & Interior Design
Program: Ph.D. College of Human Ecology specialization in Apparel & Textiles
(resident program)

B. Student Learning Outcomes

Ph.D. Dissertation and Oral Defense:

Knowledge. Demonstrate in-depth knowledge on topics in Apparel and Textiles.

Critical Thinking. Interpret, analyze, synthesize, and apply information about topics in Apparel and Textiles.

Oral Communication and Professionalism. Prepare and deliver professional oral and/or poster presentations.

Written Communication. Communicate effectively in writing.

Research Skills and/or Design Research Skills. Application of appropriate research methods to solve problems.

C. Assessment Methods

Direct Assessment - Students are assessed by their committee on their culminating experience (dissertation and oral defense) using a five-level rubric: inadequate, somewhat inadequate, adequate, very good, or outstanding. See Rubric titled, *Apparel & Textiles Assessment of Graduate Experience: Thesis, Report, or Dissertation and Oral Defense, or M.S. Written Exam*. Criteria to determine if a learning outcome was met is if 70% of Ph.D. students score 4 (Very Good) or higher on the learning outcomes.

Indirect Assessment – Students' perceptions of meeting program learning outcomes by responding to an exit survey upon degree completion via Qualtrics survey tool. See *Exit Survey for Resident AT Graduate Students*. Criteria to determine if a learning outcome was met is if 50% of the students completing the survey rated learning outcomes at 4 (Agree) or higher.

**Apparel & Textiles Assessment of Graduate Culminating Experience:
Thesis, Report, or Dissertation and Oral Defense, or M.S. Written Exam**

Student: _____ Degree: _____ Date: _____

Supervisory committee members, excluding the Outside Chair for Ph.D. committees, shall complete the below assessment following the M.S. or Ph.D. culminating experience (oral defense of thesis, report, or dissertation; or written M.S. exam). This assessment is used to evaluate university student learning outcomes for department and college graduate program assessment. The major professor is responsible for managing the assessment and delivering the completed assessments to the ATID graduate coordinator. It is understood that the expectations of the M.S. thesis, report, or written exam is less than that of the Ph.D. dissertation; therefore, the M.S. thesis, report, or written exam is less likely to have overall SLO scores in the outstanding category.

Assessment of Student Learning Outcomes: AT Graduate Program

University SLO	Overall Score for each SLO (1-5)	Quality Levels				
		(5) Outstanding	(4) Very Good	(3) Adequate	(2) Somewhat Inadequate	(1) Inadequate
Knowledge		<input type="checkbox"/> Demonstrates extensive knowledge. <input type="checkbox"/> Very original and creative idea. <input type="checkbox"/> Makes important contributions to the field.	<input type="checkbox"/> Demonstrates above satisfactory knowledge. <input type="checkbox"/> Original and creative idea. <input type="checkbox"/> Makes at least one contribution to the field.	<input type="checkbox"/> Demonstrates acceptable knowledge and/or originality. <input type="checkbox"/> Introduces a new idea.	<input type="checkbox"/> Extends prior knowledge to a limited degree. <input type="checkbox"/> Primary focus is on established ideas.	<input type="checkbox"/> Merely reviews established information. <input type="checkbox"/> No new ideas presented.
Critical Thinking		<input type="checkbox"/> Demonstrates advanced ability to interpret, analyze, synthesize, and apply information about topic.	<input type="checkbox"/> Demonstrates ability to interpret, analyze, synthesize, and apply information about topic.	<input type="checkbox"/> Demonstrates emerging ability to interpret, analyze, synthesize, and apply information about topic.	<input type="checkbox"/> Exhibits limited potential to interpret, analyze, synthesize, and apply information about topic.	<input type="checkbox"/> Lack of evidence of ability to interpret, analyze, synthesize, and apply information about topic.
Oral Communication and Professional Image		<input type="checkbox"/> Presentation of ideas very well organized and extremely professional. <input type="checkbox"/> All questions answered in a knowledgeable and respectful manner. <input type="checkbox"/> Visual materials are outstanding.	<input type="checkbox"/> Presentation of ideas well organized. <input type="checkbox"/> Most questions answered in a knowledgeable and respectful manner. <input type="checkbox"/> Visual materials are good.	<input type="checkbox"/> Good presentation skills. <input type="checkbox"/> Able to answer majority of questions. <input type="checkbox"/> Acceptable visual materials.	<input type="checkbox"/> Not well organized. Rambled and/or dwelt on unimportant issues. <input type="checkbox"/> Had difficulty answering questions or did so unprofessionally <input type="checkbox"/> Problems with visual materials.	<input type="checkbox"/> Very poorly organized and unprepared. <input type="checkbox"/> Unable to answer most questions. <input type="checkbox"/> Poor visual materials.
Written Communication		<input type="checkbox"/> Reads like an outstanding publication. <input type="checkbox"/> No grammatical or spelling errors. <input type="checkbox"/> No revisions needed.	<input type="checkbox"/> Very well written. Easy to read and understand. <input type="checkbox"/> Few grammatical or spelling errors. <input type="checkbox"/> Very few revisions needed.	<input type="checkbox"/> Acceptable writing. <input type="checkbox"/> Limited grammatical or spelling errors. <input type="checkbox"/> Some revisions needed.	<input type="checkbox"/> Writing is weak. <input type="checkbox"/> Many grammatical or spelling errors. <input type="checkbox"/> A number of revisions needed.	<input type="checkbox"/> Requires a professional editor. <input type="checkbox"/> Sentence structure, language, and style are deficient. <input type="checkbox"/> Major revisions needed.

Research Skills	<input type="checkbox"/> Demonstrates excellent ability to apply various advanced research methods to answer a new research question.	<input type="checkbox"/> Demonstrates ability to apply appropriate research methods to answer a new research question.	<input type="checkbox"/> Demonstrates some ability to apply appropriate research methods to answer a new research question.	<input type="checkbox"/> Demonstrates limited ability to apply appropriate research methods to answer a simple research question.	<input type="checkbox"/> Demonstrates lack of ability to apply appropriate research methods to answer research question.
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Exit Survey for Resident AT Graduate Students

Congratulations on your recent degree completion! In order to assess the Apparel and Textiles graduate program your input is valued; therefore, we would appreciate your response to the survey below. Indicate the degree to which you agree or disagree with the following statements by typing the appropriate rating number in the box to the right of the statement. Your responses will be kept confidential.

1 = strongly disagree, **2** = disagree, **3** = neutral, **4** = agree, **5** = strongly agree **CJ** = cannot judge

Statements	Rating
Student Learning Outcomes:	
1. Knowledge. My degree experiences allowed me to acquire in-depth knowledge on topics in Apparel and Textiles that have prepared me to make a contribution the field.	
2. Critical Thinking. My degree experiences increased my ability to interpret, analyze, synthesize, and apply information about topics in Apparel and Textiles.	
3. Oral Communication and Professionalism. My degree experiences facilitated my ability to prepare and deliver professional oral/and or poster presentations.	
4. Written Communication. My degree experiences enhanced my ability to communicate effectively in writing.	
5. Research Skills and/or Design Research Skills. My degree experiences facilitated my ability to apply various research methods to solve problems.	
General Information about the Program: Please type your answers to following open-ended questions below. Thank you for your feedback.	
What do you perceive as the strengths of the graduate program in Apparel and Textiles?	
What recommendations do you have for improving the program?	