



Degree Program Student Learning Outcomes

(Complete this form for every active degree or certificate granting program within your division.)

Directions: Complete Sections A-C at the beginning of each evaluation cycle.
Complete Sections D-E at the end of each evaluation cycle.

Department: Manufacturing and Engineering		Department Chair: Nancy Wilson Principal Completer of Form: Perry & Wade		
Degree Program: Drafting and Design		Degree Type: AAS		Academic Year: 2007-2008
A. Student Learning Outcomes (3-5)—no more	B. Direct Assessment Methods	C. Expected Results	D. Actual Results Obtained	E. Use of Results
Students completing the program must demonstrate:	List what specific direct assessment methods you plan on using to measure the outcome. Provide specifics (i.e., course, embedded exam questions, etc...)	List what intended result you expect to obtain from the direct assessments.	When you assessed and measured your outcome, what results did you actually find? <i>*Reported in late Spring</i>	Now that you have your results, how do you intend to use these results to improve this program? <i>*Reported in late Spring.</i>
1. Successful work in design and production teams	1. External juried review of DDT 236 student projects defined by student demonstrations and team evaluations.	1. 90% of all graduates will achieve an 80% or better on the team rubric.	1. Students completed projects and received critiques during jury wit 90% achieving benchmark for course rubric.	1 Projects critiqued during jury and presentation displayed for public viewing, recruiting and student reference.
2. A working knowledge of major Computer Aided Drafting and Design (CADD) software application	2. Performance on a problem and analysis summarizing CAD demonstrations, pre/post exams and DDT 104 lab observations	2. 90% of all graduates will achieve an 80% or better in all CAD classes.	2. After assessing and measuring this outcome the department found more than 90% of Drafting students achieve an 80% or better in all CAD classes	2. Continue to inspire Drafting students with challenging problems to ensure their preparedness for the for job market
3. How to draw and interpret comprehensive blueprints in either mechanical or architectural drafting	3. Demonstrations and practical lab observations in DDT 128	3. 90% of all graduates will achieve a 80% or better on their top ten blueprint designs	2. After assessing and measuring this outcome the department found more than 90% of Drafting students achieve an 80% or better in drawing and interpreting blueprints.	2. After reviewing the curriculum the department decided to assess blueprint drawing and interpretation skills in our blueprint reading classes, DDT 114 and DDT 116 next year.
4. Apply geometric construction techniques relative to industry	4. Performance through a DDT 111 project embedded assessment.	4. 90% of all graduates will achieve an 80% or better on their final project in DDT 111.	4. After assessing and measuring this outcome the department found more than 90% of Drafting students achieve an 80% on geometric construction project.	4. Continue to inspire Drafting students with challenging problems to ensure their preparedness for the for job market
5.	5.	5.	5.	5.