



Annual Assessment Update

<http://www.caspercollege.edu/assessment/index.html>

Purpose: The purpose of the *Program Annual Assessment Update* is to provide information about progress in assessment efforts for each program within your department. Only one report is requested of each department, as this update will accommodate multiple degree plans. (You can still submit separate reports if you prefer.) The report will be made available <http://www.caspercollege.edu/assessment/index.html>. It is recommended that your department use your assessment update and results to *celebrate achievements of student learning* as well as to *identify potential areas for future curriculum improvement*.

Please email this completed form as an attachment to kthatcher@caspercollege.edu.

CONTACT INFO:

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|-------------------------------------|---------------------------|
| 1. Degree Program(s) reported here: | Manufacturing Technology |
| 2. Department: | Manufacturing Technology |
| 3. School: | Business and Industry |
| 4. Name(s): | David Arndt |
| 5. Email: | darandt@caspercollege.edu |
| 6. Phone: | 307-268-2521 |
| 6. Date Submitted: | February 16, 2011 |
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ASSESSMENT UPDATE:

Instructions: Please answer the following **five** questions to the best of your ability for each degree program offered within your department or *you may use the table provided on the next page*.

1. Summarize your **assessment activities** during the past year for each degree program. (*e.g. faculty discussions, new survey design, data collection, revised assessment plans or learning outcomes, etc.*).

During the fall semester of 2010, the curriculum for the Manufacturing program was revised and approved by the Manufacturing Advisory Board. The School of Business and Industry will begin advertising the new curriculum for recruiting purposes during the spring 2011 semester.

2. Describe specific **assessment findings** related to the **learning outcomes** assessed for each degree program, including any pertinent context surrounding the findings. Please include the **learning outcomes themselves**. (*e.g. 77% of students performed at the "proficient" level of competency in problem solving, which is where we aimed to be this year using a new scoring rubric...*)
 - a. Please attach any tables, graphics, or charts to the end of this report.

There were no students in the Manufacturing program for the 2010-2011 academic year. For this reason, no data was collected or analyzed.

Data for the Manufacturing matrix will be collected on a yearly basis to determine the skill level of the Manufacturing graduates.

Note: This matrix is for the new curriculum adopted by the Manufacturing Technology Advisory Board during the fall 2010 semester. The new curriculum will take effect during the fall 2011-2012 academic year.

Knowledge and Skills	Indicator	Very Poor	Average	Good	Excellent	Withdrawal	Total Students
Drafting and Design	ENTK 2510						
Design, Programming and Manufacturing	ENTK 1650						
Blueprint Reading	MCHT 1640						
CNC Systems	MCHT 2790						
Welding	WELD 1820						

3. Describe how assessment **feedback** has been provided to students, faculty, and staff. (*e.g. report for faculty, executive summary for the dean, web page for students, alumni newsletter, discussion with students in class or club event, etc.*)

The assessment findings will be used to change the course curriculum for the Manufacturing program.

4. In what ways have you **used assessment findings** to celebrate student achievements and/or to improve the curriculum this past year? (*e.g. prizes to students, hosting student parties, changes to curriculum, student projects, learning goals, assessment strategies, etc.*)

The assessment findings have be used to rewrite the mission statement, goals, outcomes, and the entire curriculum for the Manufacturing program. The new curriculum will take effect in the fall of 2011.

5. Describe any changes to your assessment plans, or any challenges or educational experiences with the **assessment process** this past year that you would like to share.
 - a. *Please submit any **revised/updated assessment plans** to the Assessment Office along with this report.*

After careful analysis of the old Manufacturing curriculum, research on the types of manufacturing currently or proposed in Wyoming, and consultation with managers of manufacturing companies, it was determined that the curriculum of the Manufacturing program needed to be revised to meet the needs of manufacturing in Wyoming. A Manufacturing Advisory Board was recruited and organized during the fall 2010 semester. The revised curriculum was approved by the Manufacturing Advisory Board during the December advisory board meeting. Once the new curriculum was approved, the assessment plan for the Manufacturing program was developed, based on the new curriculum. This assessment plan will be reviewed on a yearly basis and revised as needed to keep the Manufacturing program viable.