

**Office of Curriculum and Assessment
Document Issues Form**

DISCIPLINE & NUMBER or PROGRAM CODE	HVA 202	HVA 202
TITLE	Air System Layout and Design (CAR)	

Office of Curriculum and Assessment		
Susan John	Date 4/21/09	OK <input checked="" type="checkbox"/>
<input type="checkbox"/> Hold Date: Comments: typos: part II #2, 3, 4 & 5, part IV #1; rubric inserted into document		
Lisa Nelson	Date	OK <input type="checkbox"/>
<input type="checkbox"/> Hold Date: Comments:		
Joy Garrett	Date	OK <input type="checkbox"/>
<input type="checkbox"/> Hold Date: Comments:		

Ready for Review	Date: 04/23/09
Committees to Review	Both <input type="checkbox"/> CC <input type="checkbox"/> AC <input checked="" type="checkbox"/>
Type of Review	Full <input checked="" type="checkbox"/> Limited <input type="checkbox"/> Information <input type="checkbox"/>

Committees	
Assessment Committee Results	Date OK <input type="checkbox"/>
<input type="checkbox"/> Hold Date: Comments:	
Curriculum Committee Results	Date OK <input type="checkbox"/>
<input type="checkbox"/> Hold Date: Comments:	

Vice President of Instruction	
VPI Results	Date OK <input type="checkbox"/>
<input type="checkbox"/> Hold Date: Comments:	

Form Maintenance	
Deleted from library: <input type="checkbox"/>	

done

COURSE ASSESSMENT REPORT

I. Background Information

1. Course assessed:
 Course Discipline Code and Number: **HVA 202**
 Course Title: **Air System Layout and Design**
 Division/Department Codes: **VCT/HVA**

Semester assessment was conducted (check one):

- Fall **2008**
 Winter 20__
 Spring/Summer 20__

2. Assessment tool(s) used: check all that apply.
- Portfolio
 - Standardized test
 - Other external certification/licensure exam (specify):
 - Survey
 - Prompt
 - Departmental exam
 - Capstone experience (specify):
 - Other (specify):

3. Have these tools been used before?
- Yes
 - No

If yes, have the tools been altered since its last administration? If so, briefly describe changes made.

4. Indicate the number of students assessed/total number of students enrolled in the course.

All students in all sections completing the final exam, 13 of 13 students

5. Describe how students were selected for the assessment.

All students taking the final test

II. Results

1. Briefly describe the changes that were implemented in the course as a result of the previous assessment.

N/A

2. List each outcome that was assessed for this report exactly as it is stated on the course master syllabus.

- 1. Identify duct systems, and industry design standards.**
- 2. Recognize Indoor Air Quality issues and standards.**
- 3. Diagnose air flow problems related to indoor environment and human comfort.**

3. Briefly describe assessment results based on data collected during the course assessment, demonstrating the extent to which students are achieving each of the learning outcomes listed above. *Please attach a summary of the data collected.*

Students met the standard of success in all of the above listed outcomes,

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4. For each outcome assessed, indicate the standard of success used, and the percentage of students who achieved that level of success. *Please attach the rubric/scoring guide used for the assessment.*

Standard of success: 70% of students should achieve an overall average on the assessment questions of 70% or higher.

Percentage of comprehension for objectives 1-3		
1	2	3
79%	92%	88%

5. Describe the areas of strength and weakness in students' achievement of the learning outcomes shown in assessment results.

Strengths: Students displayed a strong grasp of indoor air quality issues and standards.

Weaknesses: Students displayed a weakness on the effect of friction on an air delivery system.

III. Changes influenced by assessment results

1. If weaknesses were found (see above) or students did not meet expectations, describe the action that will be taken to address these weaknesses.

Include a hand-out on friction loss in the first day handouts.

2. Identify intended changes that will be instituted based on results of this assessment activity (check all that apply). Please describe changes and give rationale for change.

a. Outcomes/Assessments on the Master Syllabus
Change/rationale:

b. Objectives/Evaluation on the Master Syllabus
Change/rationale:

c. Course pre-requisites on the Master Syllabus
Change/rationale:

d. 1st Day Handouts
Change/rationale: **Friction loss handout**

e. Course assignments
Change/rationale:

f. Course materials (check all that apply)
 Textbook
 Handouts
 Other:

g. Instructional methods
Change/rationale:

h. Individual lessons & activities
Change/rationale:

3. What is the timeline for implementing these actions? **Fall 2009**

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IV. Future plans

- 1. Describe the extent to which the assessment tools used were effective in measuring student achievement of learning outcomes for this course.

The use of a standardized departmental final exam made assessing students easy and effective.

- 2. If the assessment tools were not effective, describe the changes that will be made for future assessments.

Assessment tools worked effectively


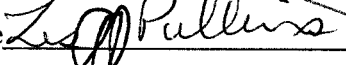

- 3. Which outcomes from the master syllabus have been addressed in this report?

All Selected

If "All", provide the report date for the next full review: Fall 2011.

If "Selected", provide the report date for remaining outcomes: _____

Submitted by:

Print: <u>DANIEL LAWRENCE</u> Faculty/Preparer	Signature: <u></u>	Date: <u>4-15-09</u>
Print: <u>Les Pullins</u> Department Chair	Signature: <u></u>	Date: <u>4-16-09</u>
Print: <u>Bruce Greene</u> Dean/Administrator	Signature: <u></u>	Date: <u>4/20/09</u>

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Percentage of comprehension for objectives 1-3		
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79%	92%	88%

