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Program Assessment Report

Department or Unit Name:

Completed By:

Program Name:

Date:

Goal #1:

Outcome Measures	Research Completed	Findings	Review	Actions	Improvements
#1 Thesis defense questionnaire for thesis committee faculty	3 evaluations for 2002-2003 were received and	Quality of the research: 4.0/5	Need better assessment tool.	Modified questionnaire	
#2 Project presentation questionnaire for project faculty	0 evaluations	Too few to maintain confidentiality	Additional coursework and thesis options better suited to department goals & resources	Project option is being eliminated from Environmental Masters Program	
#3 Exit Survey	7 Evaluations received and reviewed	Knowledge of engineering analysis 4.7/5 Knowledge of engineering design tools 4.0/5	Ratings very good.		
	#4 Classroom performance	Graduate gpa	Minimum 3.0 for receiving gas	Structured coursework and minimum gpa assures compliance.	

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Program Assessment Report

Department or Unit Name:

Completed By:

Program Name:

Date:

Goal #2:

Outcome Measures	Research Completed	Findings	Review	Actions	Improvements
#1 Thesis defense questionnaire for thesis committee faculty	3 evaluations were obtained and reviewed.	Quality of research 4.0/5.	Need a better assessment tool.	Questionnaire has been modified to more closely match new goals.	
#2 Project presentation questionnaire for project faculty	0 evaluations.	Too few to maintain confidentiality.	Additional coursework and thesis options better suited to department goals and resources.	Project option is being eliminated from the environmental masters program.	
#3 Exit survey.	7 evaluations obtained and reviewed.	3.9/5	Satisfactory	Adjusted order of scale to correspond with thesis defense questionnaire	
#4 Classroom performance	Minimum 3.0 gpa for graduations	Structured coursework and minimum gpa assure compliance			

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Program Assessment Report

Department or Unit Name:

Completed By:

Program Name:

Date:

Goal #3:

Outcome Measures	Research Completed	Findings	Review	Actions	Improvements
#1 Thesis defense questionnaire for thesis committee faculty	3 evaluations obtained and reviewed	Quality of research 4.0/5	High performance but need a better assessment tool	Questionnaire has been modified to address this goal.	
#2 Project presentation questionnaire for project faculty	0 evaluations	Too few to maintain confidentiality	Additional coursework and thesis options better suited to department goals and resources	Project option is being eliminated from the environmental engineering masters	
#3 Exit Survey	7 evaluations obtained and reviewed	Access literature 4.4/5 Use literature 4.0/5	High performance. Criteria met.		

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Program Assessment Report

Department or Unit Name:

Completed By:

Program Name:

Date:

Goal #4

Outcome Measures	Research Completed	Findings	Review	Actions	Improvements
#1 Thesis defense questionnaire for thesis committee faculty	3 evaluations obtained and reviewed	Quality of the written thesis 3.5/5 Quality of the oral presentation 3.7/5	Acceptable level of achievement	Modified questionnaire scale to clearly indicate exemplary, satisfactory and unsatisfactory levels	
#2 Project presentation questionnaire for project faculty	0 evaluations	Too few to maintain confidentiality	Additional coursework and thesis options better suited to department goals and resources	Project option is being eliminated from environmental engineering masters	
3. Exit surveys	7 evaluations obtained and reviewed	Improved written communication skills 3.7/5 Improved oral communication skills 3.9/5	Satisfactory performance	Modified questionnaire scale to clearly indicate exemplary, satisfactory and unsatisfactory performance	

Masters Student Academic Achievement Outcomes Assessment
Thesis Defense Questionnaire

4/7/97
JFD

A copy of this questionnaire is to be given to each member of the student's thesis committee before the thesis defense, and it is to be filled out in the privacy of the committee member's office **immediately following the defense** and turned in to the student's department office.

	Low		Average		High
1. Quality of the research:					
a) Importance of the topic to the area.	1	2	3	4	5
b) Impact on advancement of the area.	1	2	3	4	5
c) Adequacy of the scope of the research.	1	2	3	4	5
d) Adequacy of the depth of the research.	1	2	3	4	5
e) Novelty of the research method.	1	2	3	4	5
2. Quality of the written thesis:					
a) Writing style.	1	2	3	4	5
b) Overall organization.	1	2	3	4	5
c) Abstract.	1	2	3	4	5
d) Introduction (motivation, literature review).	1	2	3	4	5
e) Chapters of theory and results.	1	2	3	4	5
f) Conclusions/future-work.	1	2	3	4	5
3. Quality of the oral presentation:					
a) Overall organization.	1	2	3	4	5
b) Clarity of language usage.	1	2	3	4	5
c) Answers questions directly and clearly.	1	2	3	4	5
d) Usefulness of overheads.	1	2	3	4	5
e) Makes contact with audience.	1	2	3	4	5

Fenn College of Engineering

Masters Student Exit Survey

4/4/97

Part A: Student Academic Achievement Outcomes Assessment Questions (Your answers to these questions help us assess how well our programs are producing in you the intended academic outcomes.)

In my studies in my Engineering Masters Program at Cleveland State University I:	Strongly Agree				Strongly Disagree	No Basis for Judgement
1. acquired a good knowledge of some advanced engineering analysis tools.	1	2	3	4	5	6
2. acquired a good knowledge of engineering design tools.	1	2	3	4	5	6
3. learned how to use analysis and design tools to design practical systems.	1	2	3	4	5	6
4. learned how to access the literature in my field of study.	1	2	3	4	5	6
5. used the literature in my field of study (outside of texts).	1	2	3	4	5	6
6. learned to improve my oral communications skills.	1	2	3	4	5	6
7. learned to improve my written communications skills.	1	2	3	4	5	6

M.S. Civil, Environmental, or Engineering Mechanics Assessment of Student Academic Achievement Objectives

This evaluation is to be completed by each member of the student's thesis or project committee, upon completion of the defense or oral presentation. Return form to the department secretary. Please check the appropriate box in each row.

The objectives are to develop: Objectives/Criteria for Evaluation	Level of Achievement		
	Exemplary	Satisfactory	Unsatisfactory
1. A knowledge of advanced engineering analysis and design tools.	? Student understands principles behind advanced analysis and design tools.	? Student is knowledgeable in some analysis and design tools.	? Student is unfamiliar with advanced techniques.
2. The ability to use advanced engineering analysis and design tools to design practical systems.	? Student has demonstrated use of these tools to design a practical system.	? Student has used some analysis and design tools in their research.	? Student has not designed anything.
3. The ability to access and use the literature in one's field.	? Student actively searches all works related to the project. Student can identify the strengths and limitations of various methods.	? Student has read the literature related to project, and understands how project fits into the literature.	? Student has read little of the relevant research.
4. To communicate effectively in written and oral form.			
a. Quality of the writing style	? Written sentences are complete and grammatical, and they flow together easily. Words are chose for their precise meaning.	? Writing is grammatically correct. Paragraphs and sentences may not flow together perfectly.	? Writing contains grammatical errors.
b. Organization of the written dissertation	? Dissertation is logically organized and easy to follow.	? Dissertation organization is clear.	? Dissertation is poorly organized.
c. Organization of the presentation	? Presentation is clear, logical and organized. Listener can follow line of reasoning. Pacing is correct for the audience.	? Listener can follow and understand the presentation.	? Talk is poorly organized. Speaker jumps around from topic to topic.
d. Clarity of language usage	? Speaker is comfortable in front of the group and can be heard by all.	? Grammatical errors and use of slang are evident. Some sentences may be incomplete.	? Speaker is difficult to understand or hear.
f. Quality of slides	? Slides enhance the presentation and are prepared in a professional manner.	? Slides are adequate for the presentation.	? Slides are inadequate (writing too small, too much or too little information per slide).

To be answered only by the research advisor: Have any papers or presentations resulted from this research?

_____ YES _____ NO

