

ABET, Inc.
Engineering Accreditation Commission

PROGRAM EVALUATOR REPORT FOR 20XX-20XX VISITS
BASIC INFORMATION SHEET

Evaluation of Program in _____ Architectural Engineering _____
Title of Program

At _____ Example State University _____
Official Name of Institution

Dates of Visit: _____ October 1 – 3, 20XX _____

Evaluated by: _____ Phillip E. Vision _____
Name

_____ 1245 Maple Street, Sometown, ST xxxxx-xxxx _____
Address

_____ xxx-xxx-xxxx _____ yyy-yyy-yyyy _____ zzz-zzz-zzzz _____
Office Phone Home Phone Fax

_____ PEVision@email.org _____
e-mail

Society Represented by Program Evaluator: _____ American Society of Civil Engineers _____
Society

Evaluation conducted in accordance with EAC General Criteria and the following applicable Program Criteria:

_____ Architectural Engineering _____
Program Criteria

LIST OF PERSONS INTERVIEWED

NAME	POSITION
Dr. Clarence Head	Professor & Head, Architectural Engineering Dept.
Drs. Martin Dillon and Tom Black	Professor of ArchE
Drs. Li Chou and Warren Tucker	Associate Professor of ArchE
Dr. George Johnson	Associate Professor of ArchE and ABET Coordinator
Drs. Juan Diaz and Paul Kim	Assistant Professor
Drs. Mary Brown and Howard Owen	Assistant Professor
Mr. James Smith and Ms. Zhn Tran	Chair and Member, Advisory Board
Ms Carla Sims and Mr. Harvey Brill	ASCE Student Chapter Pres., ASHRAE Student Chapter V.P.
Drs. Brenda Plus and David Minus	Assoc. Head & Assoc.Prof.; Prof.- Math & Statistics
21 Students in ARCE 450	Seniors in Architectural Engineering

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CURRICULUM ANALYSIS

Institution Example State University Program Architectural Engineering

PLEASE COMPLETE TWO DRAFT COPIES OF THIS WORKSHEET PRIOR TO YOUR ARRIVAL AT THE INSTITUTION AND PROVIDE ONE COPY OF THE CURRICULUM ANALYSIS TO YOUR TEAM CHAIR AT THE START OF THE VISIT. INCLUDE A COPY IN YOUR REPORT, REVISED AS NECESSARY TO REFLECT YOUR ANALYSIS OF ACTUAL COURSE CONTENT DURING THE VISIT.

Curricular Category	Number of Credits*		
	Criteria Requirement	Table 5-1 of Self-Study	Visitor's Evaluation
College-level Mathematics and Basic Sciences	32	32	32
Engineering Topics	48	57	54
General Education		21	21
Please List Below Any Applicable Program Criteria Requirements:			
Math through differential equations		Yes	Yes
Chemistry, calculus based physics		Yes	Yes
Synthesis (design) level in one area (M,E,S,C)**		Yes (S or M)	Yes (S or M)
Application level in 2 nd area (M,E,S,C)**		Yes (S or M)	Yes (S or M)
Comprehension level in two other areas (M,E,S,C)**		Yes (E&C)	Yes (E&C)
Engineering topics support req'd levels		Yes	Yes
Basic concepts of architectural design and history		Yes	Yes
Design level in required context		Yes	Yes

* One year is the lesser of 32 semester hours (or equivalent) or one-fourth of the total credits required for graduation.

** The basic architectural engineering curriculum areas are Mechanical (M), Electrical (E), Structural (S), Construction (C).

Are curricular requirements met in each of the following areas?	YES	NO
Major design experience based on knowledge and skills acquired in earlier course work.	X	
Major design experience incorporates appropriate engineering standards and multiple realistic constraints.	X	
Other requirements contained in applicable program criteria	X	

If "no" is checked in any of the above categories, please describe the specific weakness or deficiency on the Explanation of Shortcomings Form.

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TRANSCRIPT ANALYSIS

Institution Example State University Program Architectural Engineering

PLEASE COMPLETE TWO DRAFT COPIES OF THIS WORKSHEET PRIOR TO YOUR ARRIVAL AT THE INSTITUTION AND PROVIDE ONE COPY TO YOUR TEAM CHAIR AT THE START OF THE VISIT. PLEASE INCLUDE A COPY IN YOUR REPORT, REVISED IF NECESSARY TO REFLECT YOUR ANALYSIS OF ACTUAL COURSE CONTENT.

ABET Curricular Category	Number of Credits*										
	ABET Criteria Requirement	Credits Actually Earned by Student Number									
		1	2	3	4	5	6	7	8	9	10
College-level Mathematics and Basic Sciences	32	32	35	32	32	32	35				
Engineering Topics	48	57	57	57	57	60	57				
General Education		21	21	21	21	21	21				
Please List Below Any Applicable Program Criteria Requirements:											
Math through differential equations	Yes	Yes	Yes	Yes	Yes	Yes	Yes				
Chemistry, calculus based physics	Yes	Yes	Yes	Yes	Yes	Yes	Yes				
Synthesis (design) level in one area**	M	M	S	M	S	S					
Application level in 2 nd area**	S	S	M	S	M	M					
Comprehension level in two other areas**	E&C	E&C	E&C	E&C	E&C	E&C					
Engineering topics support req'd levels	Yes	Yes	Yes	Yes	Yes	Yes	Yes				
Basic concepts of architectural design and history	Yes	Yes	Yes	Yes	Yes	Yes	Yes				
Design level in required context	Yes	Yes	Yes	Yes	Yes	Yes	Yes				

* Computed as in curriculum analysis table.

** The basic architectural engineering curriculum areas are Mechanical (M), Electrical (E), Structural (S), Construction (C).

Notes for PEV from COAO:

- List Program Criteria requirements. Add lines to tables as necessary. Indicate with a "yes" or "no" whether the requirement is met (do not use an "X" which could mean either.). For program criteria requirement, it is not necessary to list hours involved.
- Transcript Analysis hour distribution is based on comparison to the Self-Study Table 5-1, not the PEV's evaluation of the curriculum. Objective is to evaluate whether the program is guiding and requiring students to meet the program's stated requirements. PEVs sometimes add helpful notes. In this case, two students were on an earlier curriculum version before the "additional basic science" was required by the program criteria.