

ESCUELA POLITÉCNICA NACIONAL

Research project PIS15-19

Objective: To determine pedagogical factors affecting the retention rates of first-year engineering students.

The data collected in this questionnaire will be confidential and very useful for this research. We ask that the data you provide in this questionnaire are truthful.

QUESTIONNAIRE ADDRESSED TO TEACHERS

I. Personal data:

1. Choose your gender: Female Male

2. Mark with an X the careers in which you gave classes.

Carrera	
Civil Engineering	
Environmental Engineering	
Electric Engineering	
Control and Electronic Engineering	
Electronic Engineering and Information Networks	
Engineering in Electronics and Telecommunications	
Engineering in Geology	
Engineering in Petroleum	
Mechanical Engineering	
Chemical Engineering	
Agroindustrial Engineering	
Engineering Computer and Information Systems	

3. Select your level of education:

Bachelor Degree	
Master Degree	
PhD Degree	

4. Mark with an X your relation dependency with the Higher Education Institution

Assistant Professor full time	
Assistant Professor part time	
Assistant Professor teacher partial time	
Instructor full time	
Instructor part time	
Instructor partial time	
Guest Professor	
Honorary Professor	

II. Pedagogical factors:

Regard information that you should have been provided to the students about your teaching activity at the beginning of the course:

5. Did you deliver the syllabus? Yes No

For questions from numbers 6 through 26, consider the rating scale in Table 1.

1	Never // Inappropriate
2	Almost never // Slightly inappropriate
3	Sometimes // Neutral
4	Almost every time // Slightly appropriate
5	Every time // Appropriate

Table 1. Likert-Type Scale Response

6. Your attendance to the class was:

1	2	3	4	5

		1	2	3	4	5
7.	Were you accessible to tutoring?					
8.	Were you interested in teaching your subject?					
9.	You succeeded to motivate students?					
10.	You demonstrated adequate knowledge in the subject?					
11.	Use didactic material in the teaching process					
12.	Use technological resources in the teaching process.					
13.	You provided opportunities for students learning through the use of resources and recommended materials.					
14.	Aroused you in the students the interest in the subject.					
15.	Aroused you in the students the enthusiasm to learn.					
16.	Maintained a good climate of communication with the students.					
17.	Developed appropriate activities in the classroom that led to learning.					
18.	You had adequate pedagogical training.					

Do you consider that:

		1	2	3	4	5
19.	The way you taught the classes contributed to the learning process of your students.					
20.	The number of assessments made during the semester was adequate.					
21.	There was student participation in the establishment of evaluation parameters?					
22.	The students had enough time to prepare for the assessments?					
23.	The results of the evaluations contributed to make adjustments in the development of the classes? (Feedback)					
24.	Students had the possibility to improve the results of their assessments?					
25.	The design of the evaluation instruments were in agreement with the development of the content of the subject?					
26.	You keep in mind the procedure performed by the students to arrive at the solution of the exercise, during an evaluation?					