**PART 1**

***Place a check mark next to the correct number.[[1]](#footnote-0)***

***Please return the survey to the MAE Department Office after completing the course.***

1. Students showed the knowledge expected from the prerequisites

1\_\_ 2\_\_ 3\_X\_ 4\_\_ 5\_\_

1. The prerequisites to the course were sufficient and appropriate

1\_\_ 2\_\_ 3X 4\_\_ 5\_\_

1. All the topics specified in the course outline handed out were taught

1\_\_ 2\_\_ 3\_\_ 4\_\_ 5\_X

1. The course learning objectives were the same as when last taught

1\_\_ 2\_\_ 3\_\_ 4\_\_ 5\_X\_

1. The classroom and laboratory facilities were adequate

1\_\_ 2\_\_ 3\_X\_ 4\_\_ 5\_\_

1. The students were actively engaged in the class (they asked questions, etc.)

1\_\_ 2\_\_ 3\_X\_ 4\_\_ 5\_\_

1. What was the average attendance?

(0-20%) 1\_\_ 2\_\_ 3\_\_ 4\_X\_ 5\_\_ (80-100%)

***For answers with a score of 3 or below, please provide the question number and an explanation below:***

The scale for the responses is not given. It makes it quite difficult to answer. I am assuming that a larger value is better.

1. Students did not have the necessary skills in the areas of basic algebra, dealing with fractions, basic Newton dynamics, describing motion using kinematics, scientific programming (simulating differential equations, plotting, basic computations), differential equations.

2. The prerequisites are the same as the previous year the course was taught. As a result this means that the previous courses are not preparing the students appropriately.

4. I modified the course learning objectives to cover the material I deem critical for a first course in linear systems and control theory. The material should adequately prepare students to apply the methods to the design of control systems for linear systems.

**PART 2**

A) Please complete Table 1, providing:

* in the first column the CLO (as it appears in the student online course evaluation)
* in the second column your direct assessment of each CLO (from exam question or project report)
* in the third column indirect assessment (from student online course evaluation)

**Table 1. Summary of course learning objectives assessment[[2]](#footnote-1)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | CLO (Course Learning Objective) | Direct Assessment (instructor) | Indirect Assessment (student) | Student Outcome  a-k |
| 1 | Derive EOMS | 4.11 |  |  |
| 2 | Solve differential equations | 4.02 |  |  |
| 3 | Predict performance for linear systems | 2.85 |  |  |
| 4 | Bode Plot | 4.45 |  |  |
| 5 | Meet system requirements by choosing poles | 4.11 |  |  |
| 6 |  |  |  |  |
| 7 |  |  |  |  |
| 8 |  |  |  |  |
| 9 |  |  |  |  |
| 10 |  |  |  |  |

B) Please provide recommendations for course improvement (if any).

Classes should have less than 65 students for a single instructor.

Students need programming experience prior to becoming a junior.

C) Please provide status of prior recommendations (if applicable)

I reduced the homework assignments based on previous recommendations. There was more examples and usage of programming, especially in the homework assignments.

The classroom was improved to SEH1300.

1. Please provide assessment on a scale for from 1 to 5, where, in response to the statement given, 1=strongly disagree, 2= disagree, 3=neither, 4= agree, 5= strongly agree. [↑](#footnote-ref-0)
2. Please provide assessment on a scale for from 1 to 5, where, in response to the statement “the course learning objective was accomplished”, 1=strongly disagree, 2= disagree, 3=neither, 4= agree, 5= strongly agree. [↑](#footnote-ref-1)