

Personal Teaching Statement

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Through years of being a student and instructor, I amassed a numerous number of effective learning ways and tools. Also, different approaches and philosophies have been developed through more than 10 years of teaching various subjects in different areas of specializations and still improving.

My teaching philosophy is to make sure that students understand the objectives, big picture and the impact of each course in the next stage and in the real world. Each course has many aspects and learning goals that should be explained carefully to give the motivation to learn. It is not only about technical knowledge but also about Intellectual, professional and practical skills and Knowledge and understanding. This is accomplished through different approaches in presenting materials, discussions, assignments, reports, experiments, projects and exams.

I strive for clarity and simplicity in the classroom even in most difficult courses. My technique is to start teaching the high-level material that anyone can understand then go more into details till reaching the lecture goals with the help of the organized presentation, equations, pictures and animation and software tools and experiments if needed.

For the sake of clarity, I prepare every details in the course materials to be organized and handled well in the future such as presentation, text book, assignment, experiments, and some videos as well with all frequently asked questions such as course aims, contents, grading systems and distribution and course policy. Some of my lecture will be found online on:

<https://youtu.be/R99sOkOfLCo> , <https://youtu.be/HGg3xtAi7sw>

The evaluation process is various to deal with the diversity range of students and I always prefer to give no points or just few points for attendance. In my classes, I often can deal with the diverse of students and if a student can deal with the subject very well in terms of assignments, projects , exams and others with the lack of attendance, I would ignore the weight of their attendance in the way that would not violates the university regulations. Also, I can deal well with some excuses unless it is a form of cheating and plagiarism.

In summary, my teaching methods, styles and philosophies are due to careful observations throughout my education experience which provide a valuable technique of effective learning.