

## Teaching Portfolio

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An old saying says: "You must learn as long as you live". One of my teachers and later colleague had his own version that said, "You must learn as long as you have students".

Now he's retired, but I still hope he learns something.

My very own definition of a teacher is:

"A person who thinks that he can teach others what he has been 10 hours to learn in 1 hour" - and it may be delivered with a smile.

This definition also includes my pedagogical basic view - as a teacher, one must of course be well prepared and this often means that you spend time studying a topic "beyond the syllabus".

One can thus supply one hour of qualified teaching, which gives the students the essence of a subject area and preferably in the form of combined board teaching, power points and notes.

The students have different backgrounds and learning styles - Personally, I prefer a visual approach to a subject area, combined with examples and tasks - But I am open to the students having other learning styles.

I start the definition with: "A person who believes ..." and in these words is the realization that no one gets anything free - in other words, the student must work with the teaching material after the hour.

However, a good teacher is also helpful in this part of learning - A subject area that contains theory, formulas, etc. must always be followed up with examples and tasks, preferably with the starting point in practical application.

Another of my former trainers used to conclude his lectures with the phrase: "Does anyone know so much that a reasonable question can be asked". Personally, however, I find this statement somewhat patronizing - though with the truth that when a student needs help and approaches, one must of course be ready for dialogue.

The best questions come from dedicated students who have worked with the assignments.

Answering these well-formulated questions can benefit the whole class.

As stated in my portfolio, I have worked with many and different subject areas.

The mechanical and electrical fabric areas are characterized by the fact that they are based on a large proportion of "ready-to-know" and formulas. A task within these subject areas will typically involve a combination of several formulas, in order to find the unknown, inserting numerical values and calculating a result which can be put two lines below.

Personally, I have always been attracted to the more creative subjects that involve programming.

A well-formulated programming task can thus have as many solutions as there are students in the class.

So I've spent a lot of time teaching students, but I've spent even more time learning from the students - which ultimately benefits everyone.