

## TEACHING STATEMENT

Marco Aurélio Gerosa  
Department of Computer Science  
University of São Paulo (USP)  
R. do Matão 1010, São Paulo, Brazil  
gerosa@ime.usp.br

Collaborative learning is central to my teaching philosophy, because it promotes reflective thinking and improves students' communicative and trans-cultural skills. I create a dialogue with my students and empower them to discover answers for themselves. As in my research, I like to innovate and pursue goals in my teaching. In fact, my most cited paper (> 120 citations) applies a computer supported collaborative learning approach to a distance education course [1]. Applying technology and computer-based material in the classroom promotes meaningful learning through collaborative work. My teaching also mobilizes practical work and discussion toward developing more advanced skills beyond simple memorization and understanding, preparing influential researchers and professionals in their fields.

I usually explain aspects of my teaching philosophy in a course's first class in order to set the right mindset, as can be seen in this set of slides:

<http://www.ime.usp.br/~gerosa/classes/uci/inf219/material/INF219-SoftwareEnvironments-CourseIntroduction.pdf>.

During my time as a visiting professor at the University of California, Irvine, I taught a course on software environments (the syllabus and content are available at <http://www.ime.usp.br/~gerosa/classes/uci/inf219>). In the final evaluation, students gave me average grade of **8.42 on a scale from 0 to 9**, where 6 means good and 9 means excellent. At the University of São Paulo, I am frequently cited as one of the best instructors in the yearly meeting with the students. I believe this success results from my view of teaching as an essential and enjoyable part of being a faculty member, and I am glad to make full use of my skills in motivating people to make a difference.

I particularly believe in close interaction with students who I advise. One Ph.D. and twelve M.Sc. students who I advised have already graduated, all of them with published, referred papers. I am currently advising seven Ph.D. students, three of them graduating in the first semester of 2016.

I have more than 15 years of teaching university courses, and I am quite flexible regarding subjects. In particular, I can teach courses such as Software Engineering, Programming Languages, Programming, Data Structures, Human-Computer Interaction, Web development, among others.

More details on my teaching experience can be found in my CV.

[1] Fuks, H., Gerosa, M.A., Lucena, C.J.P., "The development and application of distance learning courses on the Internet", Open Learning Journal, Vol. 17, No. 1, February, 2002, Cartafax Pub, ISSN 0268-0513, DOI: 10.1080/02680510120110157, p. 23-38.