Michael Kupferschmid

Teaching

I will seriously consider offers of employment as a college teacher, short course instructor, or tutor (via Zoom) in the subjects described below.

Mathematics and Engineering I have taught college courses in computational optimization, operations research, Fortran programming, next-event digital simulation, calculus, classical mechanics, fast Fourier transforms, and numerical experiments in mathematical programming, As a calculus teacher at Rensselaer Polytechnic Institute I was a member of the team that won the 1995 Hesburgh Award for Innovation in Undergraduate Education. For many years I taught a graduate seminar on college teaching for Army officers who were preparing to become instructors at West Point, served as a tutor in the Faculty Intervention Program for struggling undergraduates, and facilitated independent study courses. As a thesis supervisor I was research mentor to 9 PhD students and 17 Master's students. In my final semester of employment at Rensselaer, my teaching evaluations placed me simultaneously among the top 10 instructors in the School of Science and the top 10 instructors in the School of Engineering.

Unix and Applications As Scientific Programming Consultant at Rensselaer I taught 173 service courses having 23 different course titles, on Unix and its utilities, the vi text editor, shell programming, Linux system administration, the LaTeX 2_ε scientific typesetting language, Maple, Matlab, vector processing, and the Message Passing Interface for parallel computing.

Classical Hebrew Since 2005, under the auspices of two different synagogues, I have several times taught the course "Reading Classical Hebrew" (see the last section of this web page). As I write this in December of 2023, an offering of that course is currently underway.