

1125-VQ-2663 **Alexander G. Atwood*** (atwooda@sunysuffolk.edu), Department of Mathematics, 533 College Road, Selden, NY 11784. *Introducing Fermi Problems and the Art of Reckoning to Students in an Introductory Statistics Class.*

The art of calculating informed estimates using minimal information, as done by the physicist Enrico Fermi, can be effectively taught to students in an Introductory Statistics Class. Although many students are initially hesitant in making back-of-the-envelope estimates and calculations, they can become progressively much stronger. I will share my experience of what works and what doesn't work in nurturing students' powers of guesstimation, and I will share my Fermi Problems that I use in the classroom. (Received September 20, 2016)