Abstract: The objective of this talk is simply to discuss with you my experiences in the aerospace industry. The discussion will include a broad description of a few of my more important tasks, the mathematics I used to accomplish them, and more importantly, what I had to learn to accomplish them. Along the way I will also discuss a couple of ways of enhancing your mathematics education that I believe will make you more valuable as an aerospace employee.

Time permitting I will get into some mathematical details of using radars in missile systems.