As part of Agnes Scott College’s First-Year Seminar program, in Fall 2007 I taught a seminar entitled "Cryptography and Cryptology: The Making and Breaking of Secret Codes". This talk will describe the seminar and discuss the difficulties of constructing such a class within the guidelines of our writing-intensive Seminar program. Fortunately, the course provided unexpected benefits, both to the student and the college, which will also be outlined here. (Received August 11, 2008)