# Reading Assignment--Countdown to Zero Day

Please read Countdown to Zero Day by Kim Zetter. I encourage you to read the entire book, but you can get what we need for this class by reading these chapters:

1, 2, 4, 6, 7, 8, 9, 10, 13

There are several threads in this book.

* Reverse engineering malware—figuring out what Stuxnet did. It is an exciting story.
* What is a “Zero Day”?
* Security of industrial systems, or the lack thereof.
* Iran’s Nuclear program
* Using malware as a weapon—laws and such
* Other developments after Stuxnet—Duqu and Flame malware

For this class, we are only interested in the top three bullets, with an emphasis on the effort to decode Stuxnet. If you are reading something that does not apply to reverse engineering malware, zero days, or industrial systems, feel free to skip ahead.

As you read, jot down notes on things that are:

* Especially relevant to this class
* Interesting or amusing
* Anything else you’d like to bring to the attention of our class.

Please hand in either ½ to 1 page about your notes, or 8-10 bullet points about your notes. This is not a book report! Instead, it is a list of your observations about interesting or IT security related items you found in the book.