**CMU SE 17-627 Software Security Engineering**

Homework Assignment #2

**Nancy Mead Due: Date shown on syllabus**

**READINGS:**

* Chapter 3 in textbook
* Beckers paper on requirements engineering process
* Khan/Zulkernine paper on selecting requirements engineering processes
* BSI content on requirements engineering  
  <<https://buildsecurityin.us-cert.gov/>>
* SQUARE Technical Report – SEI web site  
  <[www.sei.cmu.edu/pub/documents/05.reports/pdf/05tr009.pdf](http://www.sei.cmu.edu/library/abstracts/reports/05tr009.cfm)>

**DISCUSSION/EXERCISE:**

Objectives:

* Learn how to use selection criteria in selecting a process
* Evaluate security requirements engineering processes

Assignment:

1) (25%) You are working on a project where you can select a security requirements engineering process. First you want to decide on some criteria for selection. What criteria do you pick (refer to the Khan/Zulkernine and Beckers papers for a start)?

2) (50%) Using those criteria, which existing process is the best fit (you can use the list of processes on slide 16 as a start)?

3) (25%) Does the selected process need to be modified for your project?

* Turn this in on Blackboard BEFORE the next class.