# ISEC 400 Homework 2

Answer the following questions based on your reading of the text book, any supplemental material, and the instructor’s presentation this week. If you use an external source (i.e. a web-page, the required textbook, or an additional book) to help you answer the questions then be sure to cite that source. Hint: you should probably always be citing a source.

## Questions

1. [5 points] How is a secure software development lifecycle different from the standard software development lifecycle? What specific activities are in each? Describe at least one secure lifecycle model.
2. [8 points] The SQUARE methodology (see <http://www.sei.cmu.edu/reports/05tr009.pdf>) for security requirements elicitation from CMU lists 9 steps. Describe what happens in each step. Is there anything missing from this process that you would add?
3. [7 points] The eight design principles for secure software discussed in class are highly related. How does each of the principles relate to the others? How do these principles relate to the SQUARE method from the previous question?

## Submission instructions

Create a Word document with your solution to the short answer questions. Submit the Word document to the dropbox for the course.