CSE 4471 Homework 1

Instructor: Adam C. Champion, Ph.D.
Due: Thursday, May 30, 2019 in class   (5 points)

Your answers to the homework questions need to be typed. A hard copy needs to be submitted in class by the due date. Please provide references for all your sources.

This homework covers Parts 1–4 of the course material.

1. Suppose I place a box of “very good” cookies in the bell tower of Orton Hall on Ohio State’s main campus. Create an attack tree for getting the cookies. Your attack tree must have at least 3 top-level attacks and flesh these out to a depth of 4 (counting from the goal: get the cookies). You can also consider attacks that deprive others from eating the cookies (though I have no idea why you’d pass on eating them. . . ). Here’s an example: (2 points)

2. Are there distinctions among ethics, laws, and policies? If yes, explain them in your own words; otherwise, explain why not. (2 points)

3. What is one possible rationale for risk acceptance in an organization? Provide an example that supports your argument. (1 points)

You can use whatever software you like to type your homework (and draw your attack tree), but handwriting is not acceptable. Please make sure your answers are legible; I prefer black text on a white background. Consider using the following drawing software to draw the attack tree:
- MS Visio (Windows);
- OmniGraffle (macOS);
- Dia (Windows, Linux); and
- http://draw.io online.