Cyber Risk Management 2016 - Assignment

- SPM5440 (4 EC)
- SPM5442 / CS4040 / 201500026 (5 EC)
- 192195200 (6 EC)

In the following, courses are distinguished by their # EC.

Weight of the assignment
- For 4 EC, the assignment (paper only) counts for 40% (exam 60%).
- For 5 EC, the presentation counts for 15% and the paper for 35% (exam 50%).
- For 6 EC, the presentation counts for 15% and the paper for 45% (exam 40%).

Organisation
Form groups of 4 students (3 if necessary) via Blackboard>groups (SPM5442 only), or by e-mail to w.pieters@tudelft.nl if you don’t have access yet (include your names and student numbers). Next, send me an e-mail with your first, second and third method preference (for method list, see assignment page on website). There are limits on the number of groups per method; first come first serve. Students for different EC courses (4, 5, 6 EC) need to be in different groups. Deadline September 22.

You write a short proposal for your assignment by September 29.

You will be assigned to one of the presentation lectures (Oct 13, 17, 20; except 4 EC). Earlier presentation gives you more time to process feedback; later presentation gives you more time to prepare. The time of the presentation (earlier/later) will be weighed in the grade. For 5/6 EC, attendance of two out of three presentation lectures is mandatory.

You hand in your draft paper for peer review by October 20 (except 4 EC; note that it is possible that your presentation lecture is also on this date).

You write a peer review of another paper by October 27 (except 4 EC).

You hand in your final paper by November 3.

Steps
1. Choose a CRM method by September 22 (see above for procedure, and see website for suggestions). Sign up for your method by e-mail. You will receive a notification on September 23.

2. Choose a way in which you want to extend the method, or a case to apply it to (system + incident). (6 EC students need to do both extension and application.) Hand in your method + extension/case proposal in 1 page of text by September 29 (Blackboard assignment). Case suggestions are available on the website.

3. Prepare a presentation of max. 10 minutes on the method of your choice, and give the presentation in the assigned lecture. See for example www.presentationzen.com or one of
the many online dos and don’ts lists for tips & tricks if you need them. Try not to use your slides only for texts, and make a clear distinction between what you want to show the audience and your own notes. Discuss the idea behind the method, how it works, and how it can be applied. There are 5 minutes after your presentation for Q&A. Think about how to engage the audience if there are no spontaneous questions. Keep in mind that your presentation has to work with telelecturing. Decide who will present and who will contribute in other ways (e.g. figures/pictures). You can’t present all 4 in just 10 minutes. The assigned time is a hard constraint; you will be stopped when the 10 minutes are over. You probably don’t want to use more than 10 slides. Upload your slides via Blackboard assignment.

**October 13, 17, or 20 (assigned by lecturers).**

4. Write a paper of max 10 pages / 5000 words (for 6 EC: max 15 pages / 7500 words) in which you describe the chosen method and the results of extending it / applying it to your case. Think about how to present your results (tables, graphs, ...) and include such visuals in the paper. Discuss relations with theory and other methods, and discuss limitations and possible improvements. Detailed forms will be made available for peer review and grading. Hand in a draft by **October 20** (via Blackboard assignment).

5. Peer review the paper of another group. Hand in the peer review by **October 27** (Blackboard assignment).

6. Finalize your paper based on peer review. Deadline **November 3** (Blackboard assignment).

**Grading criteria for presentation**

1. **Content:**
   a. Scientific quality of the method description
   b. Understandability of explanation of method for the target audience (fellow students)
   c. Relation with the course material of the first month

2. **Presentation:**
   a. Quality of the audiovisual materials (slides, other materials)
   b. Structure, timekeeping, speed
   c. Clarity in speech / language

3. **Answering questions:**
   a. Relevance of answers to questions asked
   b. Clarity of the explanations
   c. Showing mastery of the material (concepts, links, etc.)

**Grading criteria for paper**

1. Scientific quality of the method description
2. Understandability of explanation of method for the target audience (fellow students)
3. Adequacy of use of course terminology in describing the case / extension
4. Justification of risk picture for the case / requirements for extension
5. Justification of selection of possible controls / design of the extension
6. Comparison with theory and other methods; limitations
7. Depth of the analysis
8. Visual presentation of results (tables, graphs, ...)
9. Language / style / layout