Cyber Risk Management course

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Everyday Risk Management
Cyber threats

Computer virus

1 https://en.wikipedia.org/wiki/Computer_virus

Ransomware

2 https://en.wikipedia.org/wiki/Petya_(malware)
Company's cyber threat landscape
<table>
<thead>
<tr>
<th>Key questions</th>
<th>Factors</th>
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<tbody>
<tr>
<td><strong>1.</strong> How do we decide which risks are the most critical and how to mitigate them?</td>
<td><strong>3.</strong> How to combine systems, attackers and possible controls in making good security decisions?</td>
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<td>Preventive, detective and responsive.</td>
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<td><strong>2.</strong> How do we evaluate which security measures we should implement?</td>
<td><strong>4.</strong> Can there be &quot;evidence-based security&quot; as there is evidence-based medicine?</td>
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Focus and structure

- Theory and application of cyber risk models and risk assessment
- Grading:
  - Online mid-term exam
  - Group project with report
- CRM: more science; CSM: more practice
- More info on Brightspace (SPM5442 CRM)