

# Risk Analysis Class Exercise

*CS461 August 31, 2009*

Today you will work through the 10 Step Qualitative Risk Analysis process with a group of your classmates. You will be randomly assigned to a group, and each group will be assigned a scenario.

Within each group identify one or more group members to perform the following roles:

- Technical expert – Knowledgeable in some aspect of the company/organization
- Risk Analysis expert/facilitator – drive the process and gather information
- Responsible manager(s) – person who could get fired when things go wrong

You will spend all of today's class period in your group working through the Risk Analysis process. Obviously a real risk analysis would take far longer than the 30-40 minutes you have today and would involve true experts. Do the best you can. Make reasonable estimates. Feel free to ask questions.

## Deliverables

By the end of class, you should have

- A list of assets
- A list of threat sources
- A list of ordered risks
- A list of ordered controls

After class one member of your group should post a brief summary of your results to the class news group.

## Scenario list

These scenarios are very broad and have risks in many areas. Concentration on the Information Assurance risks in your assessment.

1. Bank of Gifford - Small bank with about a dozen branches in farming communities.
2. Community Health Services - Urban health clinic
3. Women's Health Resource - Small health clinic that focuses on women's reproductive health.
4. Meijers - Regional food and merchandise chain
5. Urbana school district - Small city school district including five elementary, one middle, and one high school
6. Saddleback Church - Mega church based in southern California. Big Internet presence.
7. Caterpillar - International manufacturer of large construction, mining, and farming equipment.
8. Archer Daniels Midland (ADM) – Large agri-business company
9. Illinois Department of Motor Vehicles

10. Linked In - Professional social networking site.
11. Shar Music - Sells stringed instruments, music, and supporting equipment. Physically located in Michigan but has large Internet presence.
12. Habitat for Humanity – Charitable organization that organizes people and resources to build houses for others in need.
13. Whole Foods – High end grocery store that specializes in organic and locally produced food.
14. Manning Environmental – Small producer of water samplers.
15. Scottrade – Large online stock broker
16. CNN – 24 hour news channel
17. O'Brien Auto Park – Large regional car dealership