**Organizational Systems: Gathering Systems Requirements**

After completing this activity you will be able to:

* State strategies for asking questions when gathering systems requirements.

**Step 1: Individually Complete**

You have been asked to perform a security audit on a professor’s process of calculating, storing, and submitting final course grades. To complete this task it is suggested that you “think like a hacker” and try to figure out how, if at all possible, the integrity of the grading process could be breached.

What kinds of information do you need to know in order to fraudulently change a grade?

1.

2.

3.

How would you go about finding out this information? What questions would you ask a professor to help uncover the information you need?

1.

2.

3.

4.

5.

**Step 2: Discuss as Teams**

1. Discuss your strategies as a team. Identify the 2-3 most probable strategies to explore further.

2. Discuss your requirements gathering questions. Prioritize and sequence the questions you wish to ask.

**Step 3: As a class**

Each team takes turns asking the professor questions.

**Step 4: In groups**

Prepare additional questions.

**Step 5: As a class**

Each team takes turns asking the professor questions.

**Step 6: As a class**

Discuss the requirements gathering process.

**Step 6: Answer these short-answer questions (individually)**

1. Do you think that sufficient safeguards are in place to secure the grading process? Why or why not?

2. Name at least two different approaches to asking questions when gathering requirements.

3. What is something you learned doing this activity?

**Step 7: Rate this activity (individually) and submit completed activity sheet from your Temple email account to upload.Unit\_3\_.qa8kea571l@u.box.com**

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| **Ratings** | 1 Completely Disagree | 2 Somewhat Disagree | 3 Neutral | 4 Somewhat Agree | 5 Completely Agree |

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| **Statement** | **Rating (1 to 5)** |
| This is an engaging activity. |  |
| This activity helped me learn more about today’s topic. |  |
| This activity should be included in future classes. |  |
| Anything else you want the instructor to know? | |