

IHP4 Task Example

Purpose

- The purpose of the following slides is to give you an idea of what your responses should look like to the task questions at minimum.
- There is a sample case study (Not the actual case study you will base your responses to the task on) and examples of ***a few of the more common sections*** students have difficulty articulating the response in.

Example Case Study

EXAMPLE ONLY – THIS CASE STUDY IS NOT TO BE USED TO BASE RESPONSES TO THE ACTUAL COURSE TASK ON.

Yesterday was Jill's first day on the job working at a government contract company (E-Comm) conducting e-commerce work over the Internet servicing all 50 states. She sat through employee indoctrination the first half of the day and then linked up with the Joe the sysadmin in his office to get her computer account set up. Joe did his magic and sets Jill up with an account with the requisite accesses. He then told Jill her login ID is made up of her last name followed by the last two digits of her employee ID number found on her employee badge. Joe hands Jill a sheet of paper outlining the initial log in instructions and a sticky note with her initial password written on it and tells her she must use it with her login ID to log in for the first time. He informs her that she will then be prompted to change her password for subsequent logins. Jill returned to the office she works in, sat down, placed the login instructions and sticky not on her desk, and took her employee badge out of her purse to get the two digits she needed. Just as she was about to start typing, a coworker let her know that HR had called and passed a message that Jill needed to call home ASAP. Jill placed her employee badge on the desk, picked up the phone and made the call. Jill speaks for a few moments and hung up. She grabbed her purse and car keys and immediately walked over to her supervisor Lee's desk to inform him that she had an emergency at home and had to leave right away, and then proceeded out of the office. A few hours pass and it was quitting time. The office occupants wrapped up for the day and headed home. The office was locked up by the last person out of the office, and the key was turned in.

Example Case Study, Cont.

EXAMPLE ONLY – THIS CASE STUDY IS NOT TO BE USED TO BASE RESPONSES TO THE ACTUAL COURSE TASK ON.

Later that evening, Bill the janitor arrived at the office building as he normally does, checked out the master key for the floor he works on and started his cleaning routine. When Bill worked his way around to the office where Jill works, he unlocked the door and as he was about to walk in, his friend Todd the janitor who cleans the lobby area walked up and the two begin chatting. Bill props the door open with his vacuum cleaner as the two men take a few steps to lean over the rail opposite the office door to talk. At some point during the discussion, the subject of vending machines being restocked today came up and the two walked and talked their way to the break area where they grabbed snacks and talked for about half an hour. When Bill was away, Jack the criminal made his way into the office Jill works in and took a look around. Jack spotted Jill's login credentials on the desk and gave them a try, he was in! and more surprised than he was happy. He runs some keyword searches, locates some files of interest, pops in his USB thumb drive and copied a few files onto it. He then grabbed a box of printer paper and a wristwatch belonging to Jill's supervisor from a cabinet, peeps outside and makes off just as he had come. Bill made his way back to the office a few minutes later, kicked himself for forgetting to lock the door earlier, and got back to work. The next day, hallway surveillance camera footage and computer system logs told the tale that led to an arrest of one individual, and various repercussions and corrective actions for others.

Example Responses

Example response to Ethical Guidelines questions as seen in Task 2 part A1/A1a.

- **Question:** Discuss the ethical guidelines or standards relating to information security that should apply to the case study; Justify your reasoning.
- **Response:** *An ethical guideline related to information security used by ISSA states, “Promote generally accepted information security current best practices and standards.” (ISSA Code of Ethics, n.d.). Within the case study, E-Comm did not show characteristics of this guideline when Joe the sysadmin failed to promote best practices dealing with user account creation to include use of handwritten passwords and lack of multi-factor authentication. Alignment with this guideline could improve the company’s overall ethics and cybersecurity culture.*

Example Responses

Example response to criminal activity relationship of specific law questions as seen in Task 1 parts A1 and A4.

- **Question:** Explain how the CFAA specifically relates to the criminal activity described in the case study. ***Remember you need to respond to each law mentioned in these sections for your actual task.
- **Response:** *Since E-commm conducts interstate commerce work, Jack the criminal's logging into and transferring files from Jill's computer constitute a violation of the CFAA. Jack's actions entailed unauthorized access to and file transfer from a protected computer.*

Example Responses

Example response to 3 laws based on negligence question as seen in Task 1 part A2

- **Question:** Explain how a law, regulation, or legal case apply in the justification of legal action based upon negligence described in the case study. ***Remember, you need three (3) examples for your actual task, this an example of how one of them should be presented in your submission.
- **Response:** *Within the case study, Bill the janitor inadvertently forgot to lock one of the office doors he was responsible for locking. Bill's negligence literally opened the door for Jack the criminal to enter the office and access a protected computer without authorization. Jack also stole files from the computer he accessed. Jack's actions were against the law and justification of legal action for violating the CFAA.*

Example Responses

Example response to criminal AND negligent activity, actors and victims questions as seen in Task 1 parts B1a/B2a. The example below is for a criminal act response, but the same approach applies to the negligent act question. ***Remember, you need two (2) examples for each of these sections for your actual task.

- **Question:** Identify who committed the alleged criminal acts and who were the victims?
- **Response:** *Jack the criminal's stealing of the wristwatch from the supervisor's cabinet within the office was a criminal act of theft. Lee the supervisor is the victim of this act as the watch Jack stole was Lee's personal property.*

Here, remember to include all three components being asked for (1) an actor [Jack], (2) a criminal act [theft of a watch], and (3) a victim of the actor's act [Lee]

Example Responses

Example response to questions asking how policies and procedures failed to prevent negligent practices AND criminal acts as seen in Task 1 parts B1b and B2b.

- **Question:** Explain how existing policies and procedures failed to prevent the alleged [criminal/negligent] activity.
- **Response:** The Account Creation Policy at E-Comm failed to prevent criminal activity in the case study. The policy should include a procedure to have new users set up accounts and establish passwords in the sysadmin office at a terminal there and also include a multi-factor authentication component. Had the policy included these additional cybersecurity-focused aspects and procedures, the CFAA violation could have been prevented.

Example Responses

Example Legal Compliance Summary In your response you simply need to (1) restate each law you discussed in parts A and B of the task, (2) actually state that TechFite was not compliant with each of those laws, and (3) restate the specific violations of each law causing the noncompliance. ***Remember you need to discuss each law mentioned in the preceding sections of your submission here for your actual task.

- **Question:** Summarize the status of TechFite's Legal Compliance...
- **Response:** *TechFite is not in compliance with the following # laws discussed below.*

The company is not compliant with CFAA due to Someone Jones doing something specific that is a violation of CFAA.

The company is not compliant with ECPA due to Someone Jones doing something specific that is a violation of ECPA.

The company is not compliant with SOX due to Someone Jones doing something specific that is a violation of SOX.