Cybersecurity Policy and Legislation

# HIPAA, FERPA, And CFAA Legislation

To what extent do you think cybersecurity laws deter cybercrime? (~100 words)

If you were a junior employee at a company and learned of a data breach that the law says must be publicly reported but management wants to cover it up, what would you do? What would be the consequences of your actions? (~100 words)

Read the [UP Health Systems HIPAA form](https://www.uphealthsystem.com/sites/uphealth/assets/uploads/Marquette/Release%20of%20Information-Signature%20for%20Unencrypted%20Info%20AND%20Email%20Encryption%20Acknowledgement%202023-2-24.pdf). How well does the form assure you that your data is being protected? Is there any language that you find confusing or unclear? If so, cite specific text.

# Hacking

Consider the following scenario. You are a patron of your local public library. Something felt off about the library's website and you decide to investigate. You found that you could access other patron's records by manipulating a form. You did not have permission to perform security testing. But, your responsible disclosure could prevent a data breach. Would you report it? If so, how? (~100 words)

# Cybercrime

List the kinds of digital evidence that might be brought to court for the following issues.

Divorce

The illegal sale of narcotics

Human trafficking

Stolen intellectual property

# Cyber Warfare

Develop a list of considerations that the government should evaluate when deciding when to use offensive cyber weapons. Easy peasy. Questions that you may address are:

* When is a pre-emptive cyberattack justified?
* Should the government be able to target critical infrastructure, like power and water?
* Should the government be required to disclose its use of cyber weapons?
* To what extent is the government responsible for helping restore digital infrastructure after an attack?

(~200 words)

# Disaster Recovery

Describe your personal data backup strategy. What is your RPO? What is your RTO? If you do not have a personal backup strategy, draft a backup strategy you plan to create. (~100 words)

# Acceptable Use Policies

Include your responses to sample cases #1 (Joe) and #2 (Beth) from the eBook here.

Case #1: Joe (~50 words)

Case #2: Beth (~50 words)

# Cybersecurity Frameworks

Why does adopting a cybersecurity framework help you secure your organization? (~50 words)

In what ways could the adoption of a cybersecurity framework give you a false sense of security? (~50 words)

# Risk Response Strategies

Identify an area of your life in which you employ each of the different risk management responses. For example, you might enjoy surfing and choose to *accept* the risk of shark attacks. Briefly explain why that approach would be appropriate.

Accept the Risk

Mitigate the Risk

Avoid the Risk

Transfer the Risk