



**CAE**  
IN CYBERSECURITY  
COMMUNITY

2025

# Integrating Cybersecurity Across Any Discipline

Denise Kinsey-Bergstrom, Ph.D, CISSP

Franklin University

2025

## Agenda:



- Manage Expectations
  - Assumptions and Limitations (You have to try it! That is it!)
  - Common Definitions / Verbiage
  - Different Lenses that can be used
  - Simple Concept
  - Examples
  - Application of the concept – let's do it!

# 2025 CAE

## Assumptions & Limitations:

None! This is simple and works in any discipline.





2025

## Definitions:

- Cybersecurity
  - Assume agreement as to what it is
  - Assume agreement that it belongs in every discipline
  - Problem: How to apply cybersecurity to non-cyber disciplines
- Difference between:
  - Infuse
  - Integrate
  - Embed



## Different Lenses:

- A Lens is the Context in Which a Subject is Approached
- Offers Perspective
- Creates Scope and Limitations
- Can Make Concepts Easier to Learn and Remember





**CAE**  
IN CYBERSECURITY  
COMMUNITY

# 2025 CAE Community Symposium

## Cybersecurity for any Topic:

- Need to know Cybersecurity Concepts < OR > the Discipline
- Consider the level of the topic: Entry, Intermediate, Advanced
- What Lens Will be Used?



**CAE**  
IN CYBERSECURITY  
COMMUNITY

2025 CAE

## 3 Approaches:

- General
- Triage
- Risk Based



Community Symposium



**CAE**  
IN CYBERSECURITY  
COMMUNITY

2025  
General:

- What is needed in all subjects by all students?
  - Proper Cyber Hygiene
  - Antivirus
  - Antimalware
  - VPN usage
  - Basic Encryption
  - Hashing
  - Social Engineering

- Phishing
- Strong Passwords
- Awareness
- Check Links
- Ethics
- Backups
- Where to Report

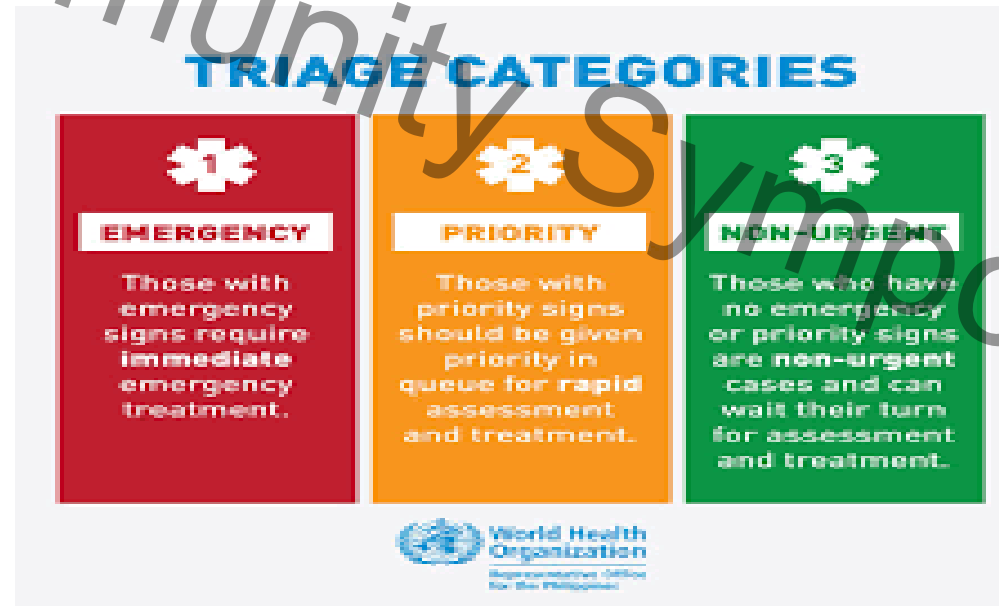
**What is  
Cyber  
Security**





# 2025 CAE Triage:

- General Concepts
- Course Descriptions and Outcomes as Pointers / Indicators
- Legal Compliance (Can Google it!)
- Most Potential for Loss/Mistakes



## Risk Based:

- Identify the hazards
- Determine who/what might be harmed
- Evaluate the risks and suggest precautions (control measures)
- Record and Assess findings
- Review Assessment and Update as necessary





**CAE**  
IN CYBERSECURITY  
COMMUNITY

2025

All of the  
Above!

- General Concepts
- Triage Important Elements
- Risk Based for the rest
  - Can include resources for students to 'Learn More!'
  - Add a test question or discussion point to assess understanding and application
  - Use Intro to Cyber Course in curriculum or write discipline specific content to integrate to the modules



2025  
Examples:



2025 CAE

## Application of the Concept:

- Let's Do It!
- Volunteer a Discipline/Subject/Course
  - (I reserve the right to ask for some information/context!)
  - Here is how to integrate it!





2025  
Questions?

Denise Kinsey-Bergstrom, Ph.D, CISSP, C|CISO

Program Chair- Cybersecurity

Franklin University

[Denise.Bergstrom@Franklin.edu](mailto:Denise.Bergstrom@Franklin.edu)

