

# Intro to Cybersecurity

## 2.2.4 - Mitigating the Human Risk



GALANTECH —with—  
GARDEN STATE CYBER

CYBER.ORG

# Humans as Risk Factors

- **Not following the rules**
  - Poor password selection
  - Installing unauthorized hardware. Example: adding a wireless access point in the organization's network to boost your wifi signal.
  - Installing unauthorized software may result in a backdoor
- **Reverse Social Engineering** – the attacker creates a situation so that the victim makes the initial contact
- **Hoaxes** – Hoaxes are emails that often describe impossible events, highly damaging malware or urban legends. Their intent is to frighten and mislead recipients and get them to forward to friends.



# Mitigating Human Risk

- **Def:** *Mitigate* = make less severe, take steps to reduce adverse effects.
- We can mitigate human risk by setting clear expectations for how users will operate in the organization.



GALANTECH —with—  
GARDEN STATE CYBER

# Policies and Procedures

- Policies and Procedures
  - A **policy** is a guiding principle used to set direction in an organization.
  - A **procedure** is a series of steps to be followed to implement a policy.

STEPS: Set a **Policy** → Create a **Procedure** → User **Training** = **Mitigation**



GALANTECH —with—  
GARDEN STATE CYBER

CYBER.ORG



# Intro to Cybersecurity

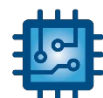
## Activity – Clean Desk Policy Test



GALANTECH —with—  
GARDEN STATE CYBER

CYBER.ORG

# Spot the Clean Desk Policy Violations



**GALANTECH** —with—  
**GARDEN STATE CYBER**

**CYBER.ORG**