CAMPUS SECURITY

&

CYBER SECURITY

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CAMPUS SECURITY

- One primary campus and 3 satellite locations

- Unarmed WNC security force

- Emergency response instructions posted in all required locations

- Practice response (each semester) with drills or table-top exercises

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WNC's POLICIES AND PROCEDURES

- Emergency Management Plan
- WNC Crime Alert Policy
- WNC Bias Incidents/Hate Crime Policy
- Draft WNC Procedures for Protection of Children
- WNC Incident Response Standards and Guidelines
- WNC Basic Network Risk Assessment Policy

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CAMPUS SECURITY TRAINING

- Mandated training for all Employees:
  - Overview of WNC's Emergency Management Plan
  - City of Houston Active Shooter Video – Homeland Security Funded Video
  - FEMA on-line course IS-907 and exam (active shooter)

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CAMPUS SECURITY TRAINING

- Offer training to students (both classes and on-line training)
- Faculty are required to brief students on active shooter procedures each semester
- Drills are held each semester

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KEY WNC SECURITY ELEMENTS

- Trained security force in emergency response (not criminal or violent response)
- Trained employees and students
- Emergency Management Plan
- Behavioral Intervention Team (mitigation)
- Mass Notification Systems
  - CodeRed (<u>text</u>, phone and email)
  - CentrAlert Siren (Carson City)
  - Intercom Systems (satellite locations)

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OTHER KEY WNC SECURITY ELEMENTS

- Security cameras

- Remote control door locks

- Remote control HVAC systems

- No guns on campus policy

- Earthquake assessment/work order system

- Secure laboratories and other critical areas

- Contagious disease plan

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MITIGATION

- Behavioral Intervention Team (BIT)
  - Formed prior to the 2007 Virginia Tech incident
  - Deals with employee and student behavioral issues
  - Encourages incident reporting
  - The team includes employees from a variety of campus areas

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CYBER AND DATA SECURITY

- Network security guidelines:
  - NIST (National Institute of Standards and Technology)
  - System Computing Services (SCS) guidelines
  - Best Practices for other colleges
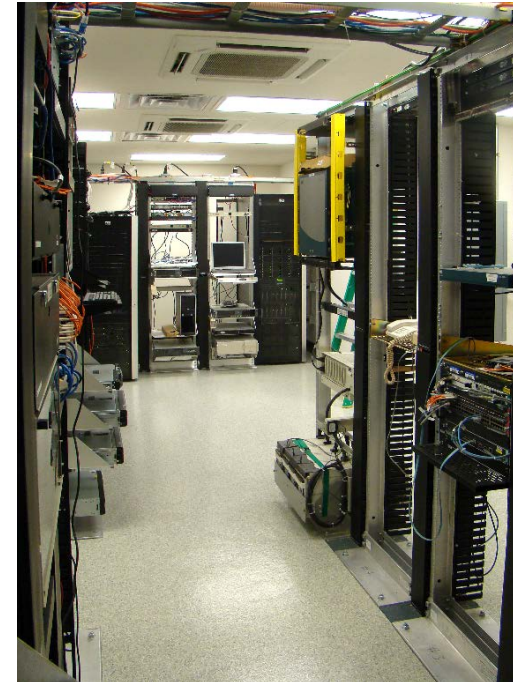 - Other NSHE institution guidelines

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CYBER AND DATA SECURITY PROCEDURES

- Incident Response Standards and Guidelines
- Basic Network Risk Assessment Policy

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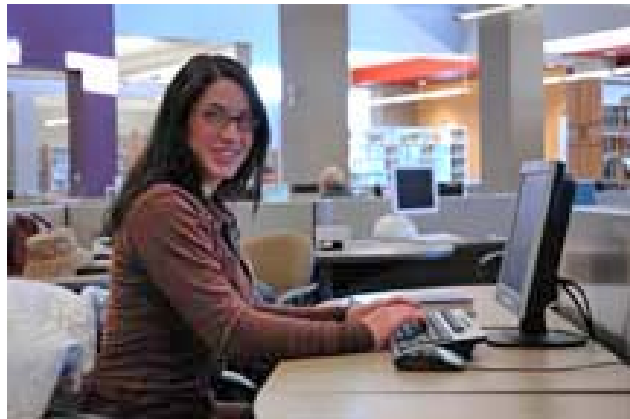
CYBER AND DATA SECURITY RECENT ACCOMPLISHEMENTS

- Server room security upgrades

- Back-up generator for servers

- Moved to Active Directory

- Server room fire suppression system

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CYBER SECURITY RISKS

- Frequent power outages
- Wildland fire/earthquake
- Difficulty in providing hands-on service on rural campuses
- Slower upgrades with budget cuts

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ACTUAL INCIDENTS AT WNC

- Waterfall fire (2004)

- Natural gas line rupture (2011)

- Potential gun in backpack (2011)

- Ransom-ware virus (2013)

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WATERFALL (WILDLAND) FIRE JULY 2004

- Mandatory Carson Campus evacuation (11 buildings)
- The college response was run from our emergency response center at our High-Tech building.
- Facilities, Public Safety and other necessary personnel remained on campus as needed for mitigation.
- WNC opened Facilities to support showers and sleeping areas for emergency responders after day two

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NATURAL GAS PIPELINE RUPTURE (2011)

- Carson City called Public Safety requesting a campus evacuation
- WNC went to the accident scene met with Carson City Incident Commander
- Jointly determined better course of action
- Gas pipeline repaired without class interruption

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IHOP INCIDENT IN CARSON CITY (2011)

- Effective Sheriff's Department response
  - 85 second long incident
  - 140 Law Enforcement and Investigators involved
- Positive result
  - Strengthened WNC employee and student resolve
  - Refocused WNC on active shooter response

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POTENTIAL GUN IN BACKPACK (2011)

- Individual in library states to employee he has a gun in his back pack
- Public Safety empties the area without alarming the suspect while police come to campus
- Carson City Sheriff's Department secure the scene

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RANSOM-WARE VIRUS (2013)

- Employee used shopping site

- Virus infected (HR leave cards)

- Received anti-virus alert

- Cleaned machine and folders

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WNC's VULNERABILITIES

1. Active Shooter
   - No armed Public Safety – dependent on Police/Sheriff for active shooter response.
- Mitigation
   - Professional working relationship
     - Local emergency managers
     - Law Enforcement
   - WNC has provided building maps/keys
   - Law Enforcement supplies advice
   - WNC encourages law enforcement training on WNC Campuses

WNC's VULNERABILITIES

2. <u>Earthquake</u>
   - There are many earthquake faults near our Carson Campus
   - Fallon had a significant earthquake in 1954
- <u>Mitigation</u>
   - We participate annually in the Great Nevada Shake-Out
   - We inspect; looking for non-structural earthquake hazards
   - We provide earthquake mitigations and response training regularly

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WNC's VULNERABILITIES

3. <u>Wildland Fire</u>
  - WNC's Carson Campus is at the west side of Carson City near the Eastern Sierra Mountains

- <u>Mitigation</u>
  - Our Facilities Department cuts native vegetation near campus to minimize risk
  - WNC reacts to smoke when it is detected in outside air

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WHAT WNC PROJECTS ARE CURRENTLY UNDERWAY?

- New fire alarm systems in four buildings

- Bullet resistant barriers in two key areas

- A review of flood dangers is planned for December

- Updating cyber security procedures

- Updating and replacing existing firewalls

- Douglas, Fallon and Carson local and county personnel are reviewing the latest revision to our emergency plan

- Updating the Emergency Notification Manual

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CONCLUSION

- Required policies and procedures in place
- Well motivated visible public safety force
- Significant improvement cyber infrastructure
- Active shooter drills each semester
- Two mass notifications systems at every location
- Continual improvement to infrastructure and written policies

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