Information Security & Technology Degrees

- Information Assurance
- Management Information Systems
- Management of Technology
- Computer Science
- Computer Engineering
- Cybersecurity

Where can you work?

- Federal government
- Law enforcement
- Security services
- Healthcare
- Financial services
- Pretty much anywhere!

Information Security

What is Information Security?

- It protects the confidentiality, integrity and availability of information
- It includes the systems and hardware that use, store, and transmit information

Why is Information Security important?

- Increase in cybercrimes, such as hacking
- Securing private information
- Daily use of technology and information systems

How does it affect you?

- Everyone has private & personal information
- Daily use of computers, smart phones, and tablets
- Social media
    - Facebook
    - Twitter
    - Instagram
    - And more!

UNM

To learn more about Information Assurance, visit http://ia.unm.edu

Protect Your Personal Information

Be careful when providing this information online:

- Date of birth
- Social security number
- Passwords
- Pin numbers
- Addresses
- Phone numbers
- Bank information

Creating Strong Passwords

- If your password is in the dictionary, it's pretty much useless!
- Dictionary attacks utilize software that scan a dictionary until the password is cracked
- A strong password consists of
    - At least 8 characters
    - Upper and lowercase letters
    - Numbers
    - Special characters ($, %, @, etc.)
- Remember, if a hacker can't crack your password within a few seconds or minutes, they will likely move on!

Social Media Safety

- Avoid giving out personal information on social media sites
- Be aware/cautious of what you post about yourself
- Be careful when posting location updates
- Be very selective about the friends/followers you accept
- And most importantly, assume that everything you put on the internet is PERMANENT!

Did you know?

Miss Teen USA 2013, Cassidy Wolf, was a victim of webcam hacking. A former classmate hacked into her laptop webcam and took pictures of her. The hacker later threatened to share those pictures if Cassidy did not comply with his requests.

Avoid this situation by covering or unplugging webcams!