RET Site: Cyber Security Initiative for Nevada Teachers (CSINT)

A partnership between UNR and Nevada High and Middle Schools

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Curriculum Integration
Presentation Sessions

Work-in-progress
High School Semester

2 sections
18 weeks
40 class periods
mostly freshman

- Class Naval Science graders.
- Lesson length – 3 weeks
- Number of classes
- Number of lectures
- New material will be lesson session.
General Cybersecurity Module

- This is the first Module in my entry level classes. Currently it is Computer Literacy, Computer Science 1 and Robotics. The aim of this Module will be to give the students a look at cybersecurity in order to convince them that they need it and WANT it.

I don’t want this based on fear; I want the students to see how simple Cybersecurity can be, to assist them to know it completely within their abilities to stop “almost” every intrusion.

As a matter of fact they MUST BE THE ONES to fight for their own privacy and implement their own security.
Robotics and Intro to Computer Science

The class information that you are going to learn:
1. How information is coded and transmitted via the internet and on computer.
2. How to protect your information.
3. Privacy vs. security.
4. Robotics coding and programming.
IT Essentials/A+ Certification Prep

As the school year comes to a close, the curriculum is being developed. I intend to use as many of the elements combined by our groups in our curriculum, as well as many of the lessons we have had, adapted for high school.

Objectives:
- IT concepts
- 60-72 lectures

I will be including outside and lessons I found online throughout the semester. I anticipate many of these lessons and modules, modified for our needs, each quarter.
Work-in-progress Demonstrations
Work-in-progress Demonstrations

Networks/Wireless Communications Cybersecurity Group
Work-in-progress Demonstrations

Robotics/Unmanned Autonomous Systems
Cybersecurity Group
Work-in-progress Demonstrations

Digital Forensics Group
UNR Faculty Team

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http://csint.unr.edu
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