**Tech Class – Facebook**

**Resources**
- Facebook – [https://www.facebook.com/](https://www.facebook.com/)

**Social Media Advice**

- **Staying safe online**
  - Use maximum privacy and security settings
  - Don’t add friends who aren’t your friends
  - Create strong passwords and don’t reuse them
  - Always make sure to log out when you are done on your computer

- **Rules for creating a strong password: What **not** to do**
  - Don’t use sensitive information (names, birthdates, addresses, etc.)
  - Don’t use single words or sequential numbers or letters
  - Don’t use the same password for multiple accounts
  - Don’t store your passwords in your browser

- **Rules for creating a strong password: What to do**
  - Start with a phrase that means something to YOU
  - Switch out letters in the phrase with numbers and characters
  - Add capitalization to make passwords more complex
  - Make it at least twelve characters long
  - Change your passwords regularly
  - Write them down in a safe location

- **Password examples**
  - FasterFingers = F@573rF1ng3r5
  - I sold my camel for five dollars in 2016 = Ismcfs5i16
  - 4 to 6 random words = SwampSocksCafeBurstEmpty
  - Ismcfs5i16itunes, Ismcfs5i16netflix, Ismcfs5i16amazon

- **Social media etiquette**
  - Rule #1 – The Golden Rule
  - Rule #2 – The Internet is forever
  - Rule #3 – We can still see you
  - Rule #4 – Beware the overshare
  - Rule #5 – It’s okay to say goodbye
Uncommon (non-gibberish) base word

Order unknown

~28 bits of entropy

$2^{28} = 3$ days at

1,000 guesses/sec

(Plausible attack on a weak remote

word service. Yes, cracking a

cryptographic hash is faster, but it

is not what the

average user should worry about.)

Difficulty to guess:

Easy

Was it trombone? No,

troubador, and one of

the O's was a zero?

And there was

some symbol...

Difficulty to remember:

Hard

Correct horse battery staple

Four random

common words

~44 bits of entropy

$2^{44} = 530$ years at

1,000 guesses/sec

Difficulty to guess:

Hard

That's a battery staple. Correct.

Difficulty to remember:

You've already memorized it

Through 20 years of effort, we've successfully trained

everyone to use passwords that are hard for humans

to remember, but easy for computers to guess.