# Digital Citizenship/Computing at Carnegie Mellon

* Introductory Scenario (some plausible case of student student violating copyright guidelines, leading to network overage, suspension of privileges from too much downloading, then a DMCA? Something else?)
* Other Common Questions
  + Am I allowed to use Peer-to-Peer filesharing?
  + Who cares if I don’t keep my machine up-to-date?
  + ?
* The Big Picture
* Self-Evaluation/Pretest

## Computing Privileges and Responsibilities

* + Introduction
    - Simple Student Scenario
    - Big Picture
  + Computing Policy Statement
    - Summary of essential policy elements
    - Examples of the most frequent areas student normally run afoul
    - Link to Full Policy
    - LBD: find policy sections relating to these areas and answer a question about each:
      * X
      * Y
      * Z
  + Privileges and Responsibilities
    - As member of community:
      * Access to certain resources
      * Obligations to uphold community standards/rules/guidelines
      * Many rules are possible; these are ours
    - Privileges
      * Your account
      * Hardware access
      * Software access
      * Infrastructure access
      * Use for academic and personal
      * Communication
    - Responsibilities
      * Awareness of policies and guidelines
      * Broad responsibility:
        + Avoid doing harm to others
        + Avoid doing harm to resources
        + More specific details follow
    - Maintain the Security and Confidentiality of Your Account
      * What does it mean:
        + Security
        + Confidentiality
        + More under Protection
      * What constitutes your account?
      * Consequences for not maintaining
      * How do you maintain it?
      * DIGT: one question, something that gets at the “why bother, I don’t care issue?)
    - Respect for other’s property and privacy rights
      * ?content?
      * DIGT or Mini-tutor talking about the do no harm obligations
    - Improper/Legal communication
      * Discussion of improper vs illegal
      * Implications for communications
      * General understanding of etiquette
      * Summary of expectations
      * Link to relevant section of handbook
      * Communication Heuristics
      * DIGT: Some examples of improper/proper/illegal/rude communications, id as any of the above; hints would focus on using heuristis?
    - Responsible Sharing of Resources
      * Discussion of fact that resources are shared
        + Tragedy of commons?
        + Direct impact resources (speed?)
        + Indirect (ie cost)
      * Quota
        + Definition of
        + Different contexts
        + Place that it is can apply (representative, not exhaustive)

Bandwidth

Mail

AFS

Printing

* + - * + MSW: How is quota calculated

Not capricious

In some cases, cost based

Other cases, it’s what makes most sense (printing 95 % of users, FE)

* + - * Non Metered sharing?
      * DIGT: What is a quota, where does it apply?
  + Personal Use
    - ?content?
    - DIGT
  + Misuse and Inappropriate Behavior Privacy that includes Access to Student Data
    - ? Ass
  + Misuse and Inappropriate Behavior Privacy that includes Access to Student Data
    - ?Content?
    - DIGT: scenario based examples of inappropriate behavior.
  + Monitoring Activities (e.g. vulnerability scanning, intrusion detection, abuse)
    - What is monitoring
    - Why monitor
    - In what contexts do we monitor
    - What isn’t monitored
    - DIGT: id monitoring scenarios?
  + Enforcement that includes Restriction of Privileges during investigations and Adverse Impact on Shared Systems. (e.g. Network suspension, Account suspension, Disciplinary Actions via Student Affairs – see sanctions in student handbook)
    - Reminder that above are rules for participation
    - Privileges are not rights and can be revoked
    - Investigations
    - Most common scenarios
    - Extent of Disciplinary actions
    - Link back to handbook
    - DIGT: Identify range of penatlties
  + Putting it all Together:
    - Scenario Descriptions: Students will be presented with two scenarios, to assess how to apply the Computing policy to e very day situation, when using computing resources on campus.
    - Mini-tutor based on Scenarios. OR modular quiz?
  + Modular-level quiz (if not covered in last step).