

Darren Zook
University of California, Berkeley
zookeeper@berkeley.edu

Cybersecurity: A Guide for the Perplexed

Cybersecurity is one of the most important elements in national and international affairs, yet it remains one of the most misunderstood aspects of the security infrastructure. This course will cover everything from personal security online (is my smart TV spying on me?) to international threats (can Russian hackers really change an American election?). This material will be presented in a clear, accessible, and user-friendly format, so both absolute beginners and more experienced tech-users will find much to enrich and expand their understanding of this important topic.

[Note: This is a repeat course offered by request. For OLLI members who took the previous version, there will certainly be new and updated material since so much has changed in cybersecurity since the previous version was offered, though much of the fundamental information will remain the same.]

Week One (April 4)

The architecture of cyberspace

Week Two (April 11)

Anatomy of an attack: from Trojan horses to botnets

Week Three (April 18)

Hacker's delight: destroying the system only makes it stronger

Week Four (April 25)

Understanding cyberwar: how real is the threat?

Week Five (May 2)

What can be done: why the law struggles in cyberspace

Week Six (May 9)

The next internet: from digital Balkanization to the Dark Net