









Introduction

 What is this about?
T Week 1: Introduction
T Week 1: What is trust?
T Week 2: Approaches to establishing trust and trust architectures I
T No readings or homework

Technical Exploration I: Rethinking Computing

T Week 3-4: Can we trust code?
 What is this about?
 Read pages 1-4: NIST.SP.800-218.pdf
 Reading: Why Should I Trust Your Code? [↗]
 Skim: Benefits and Drawbacks of Adopting a Secure Programming Language: Rust as a Case Study.pdf
T Week 4-5: Can we trust a local system?
 What is this about?
 Skim: Overview of the Linux Kernel [↗]
 Skim sections marked in yellow: Apple Security Guide

Building a Framework

T Week 5: How do networks work?
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T Week 6: Trust over Networks

 [What is this about?](#)

 [Reading: Challenges Measuring](#)

 [Reading: BGP](#)

T Week 7: Why trusting the endpoint is not enough.

 [What is this about?](#)

 [Reading: Breaking reCAPTCHA v2.pdf](#)

 [Reading: reCAPTCHA](#)

T Week 8: Socio-Technical Systems

 [What is this about?](#)

 [Who is behind a domain?](#)

 [The Disappearance of a Domain](#)

Technical Exploration II: Larger and more complex systems

T Week 9: Approaches to establishing trust and trust architectures II


 [What is this about?](#)

 [Reading: NIST 800-207](#)

 [Reading: Zero Trust Architecture: Does It Help?](#)

T Week 10: Managing and building security

 [What is this about?](#)

 [Reading: The ISO/IEC 27001 information security management standard: literature review and theory-based research agenda](#)



[Reading: Information security management in ICT and non-ICT sector companies: A preventive innovation perspective](#)



Week 11: Digital Trust and Large Systems: the DNS and PKI



[What is this about?](#)



[Reading: Capturing .mobi](#)



[Skim: RFC883](#)



[Skim: RFC2510](#)

(Digital) Trust at Large Scale



Week 11: Trusting E-Mail



[What is this about?](#)



[Read: SPF Introduction](#)



[Skim: RFC 7489](#)



[Skim: RFC 8858](#)



Week 11: Anti-Abuse



[What is this about?](#)



[Read: Interisle Cybercrime Supply Chain Report](#)



Week 11: Managing and building privacy



[What is this about?](#)



[Read: NIST PRIVACY FRAMEWORK](#)



Week 12: Trust in Supply Chains and the International System



[What is this about?](#)

T Week 12: The "Tech Giants"

 [What is this about?](#)

 [Reading: Distributed Ledgers and Supply Chains](#)

T Week 12: Digital Government, Digital Society, and Digital Trust

 [What is this about?](#)

 [Reading: Information security management in ICT and non-ICT sector companies: A preventive innovation perspective](#)

T Week 12: Trusting AI

 [What is this about?](#)

 [Read: Trust and reliance on AI – An experimental study on the extent and costs of overreliance on AI](#)

Group Project Presentations

 [Group Project - 25% \(Due Week 13\)](#)

T Week 13: Student Presentations

Summary

T Week 13: How can we ascertain if trust is warranted?

 [What is this about?](#)

 [Technical Discussion - 10% \(Due week 13\)](#)
