





Overview	
<ul> <li>Basic Internet operations and applications <ul> <li>structure, addressing, routing, DNS, HTTP, etc.</li> </ul> </li> <li>Basic network principles <ul> <li>sharing, metrics, scalability</li> </ul> </li> <li>Physical layer (communications THEORY!!!!) <ul> <li>signals, modulation, error detection, error correction, wires</li> </ul> </li> <li>Data Link layer <ul> <li>Flow control, framing</li> </ul> </li> <li>Medium Access Control <ul> <li>Dynamic medium control, ALOHA, Ethernet</li> </ul> </li> <li>Network Layer <ul> <li>routing &amp; IP</li> </ul> </li> <li>Transport Layer</li> <li>TCP</li> </ul>	
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Digital Communications (1850s style) <ul> <li>Conceptually convert text into sequence of dots and dashes</li> </ul>											
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