# Course Objectives

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1. To understand modern computer network architectures from a design and performance perspective.

2. To introduce concepts in wide-area networks (WANs), local area networks (LANs), Wireless LANs (WLANs) and Wireless Sensor Networks (WSNs).

3. To learn to abstract network components.

4. To clarify networking terminology.

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5. To provide an opportunity to do network programming using TCP/IP.

6. To expose students to emerging technologies and their potential impact.

7. To better understand experimental methods in computer systems/networks.

8. To grasp the current directions of computer networking research.