Telecommunications Policy Certificate

12 CREDIT HOURS

> Gain expertise in the legal, political and regulatory dynamics of the Internet and communications industries

> Study technology-based policy issues such as net neutrality, privacy and over-the-top video

> Opens the door to fulfilling work as an Internet-based technology executive, strategic planner, or decision maker at government agencies

ITP degree-seeking students may substitute policy-related LAWS courses for TLEN 5230 or TLEN 5380 with permission from the ITP advisor and law professor.

Required Courses:

- **TLEN 5010**
  Network Economics & Finance 1
- **TLEN 5210**
  Principles of Telecommunication Policy
- **TLEN 5230**
  Spectrum Management & Policy
- **TLEN 5380**
  The Future of Video: Technology, Policy & Economics

Discover more! Speak to our team:

**CALL:** 303.492.8475  **EMAIL:** itp@colorado.edu

**VISIT:** beboulderanywhere.colorado.edu/itp

www.colorado.edu/engineering
Which ITP certificate is right for you?

> Computer & Network Security
Learn in detail how networks work, and how users behave on the network
Gain expertise on how to protect networks—a process that includes behavioral, economic and policy understanding
Become fluent in security topics, from technical theory to legal procedures
Coursework is certified to meet all CNSS training standards for INFOSEC Professionals (NSTISSI No. 4011) and System Administrators (CNSSI No. 4013 Entry Level)

> Energy Communication Networks
Position yourself to take advantage of opportunities in the fast-changing energy industry, as a leader who understands networking, wireless and security
Gain the fundamentals of communication systems, data communications and energy systems
Study the smart grid, cybersecurity and control technologies in detail

> Network Architecture
Learn how to design communications solutions based on a myriad of systems; includes theoretical and hands-on experience
Gain expertise in the fundamentals of how networks operate, how to configure these networks, and how to approach network design in a practical manner
Because our training uses commercially available products, students also may complement their certificate by seeking out vendor-specific credentials as well

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> Wireless Networks & Technologies
Position yourself to meet the growing demand for leaders who understand wireless technologies, whether it’s as a network administrator, a technician, or an upper-level manager
Master pragmatic skills in key areas of wireless networks: security and vulnerability characteristics, assessing and selecting the right product, deploying a reliable wireless network, and potential interactions between wireless products
Learn the regulatory and legal aspects of owning and operating wireless networks, as well as the cost-benefit tradeoffs between wireless and non-wireless options
Study coursework that’s specifically designed for people with technical, legal, or business backgrounds and covers a broad range of wireless and LAN issues, from technical theory to legal procedures

Certificate Benefits:
- Develop critical competencies in 12-18 months
- Courses delivered both on campus and online
- Graduate credit earned can apply toward a Master’s in Telecommunications
- Interaction with an industry-diverse and world-wide student body

Interdisciplinary Telecom Program
UNIVERSITY OF COLORADO BOLDER

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This content is from the Interdisciplinary Telecom Program at the University of Colorado Boulder, offering certificates in Computer & Network Security, Energy Communication Networks, Network Architecture, Telecommunications Policy, and Wireless Networks & Technologies. For more information, visit the website at www.colorado.edu/engineering.