Description
This class examines characteristics of Internet technology that render it unique in the public policy arena. Topic areas include:

- **Technology**: Many policy issues are affected by such technical features as packet switching, routing, the domain name system (DNS), the Internet Protocol (IP), and peer-to-peer architectures. We will relate the technology to various policy issues.

- **Institutions**: Institutions have arisen that perform such functions as standards-setting, management, and policy-making. We will study the patterns of interests and influence of the Internet Engineering Task Force (IETF), the Internet Society (ISOC), and the Internet Corporation for Assigned Names and Numbers (ICANN).

- **Governance**: The Internet's "spaceless" nature is one of its most significant characteristics. It makes all policy global and raises questions of governmental authority beyond territorial borders. We will examine issues of jurisdiction and global governance.

- **Public Policies**: These include: anonymity, intellectual property, privacy, speech regulation, security, and surveillance. We will examine how these are shaped by underlying parameters of technology, institutions, and geography.

Students
Enrollment in the class is open. While primarily intended for MS and PhD students studying public policy, the class is open to any graduate student at Georgia Tech. Advanced undergraduates may participate with permission of the instructor. Although we will touch on technical topics, no special technical expertise is required or expected.

Texts for Purchase
Much material will be available on the Internet. Six books should be purchased:

- Jessica Litman, *Digital Copyright* (Prometheus Books, 2001)
- Andy Oram, ed., *Peer-to-Peer* (O'Reilly, 2001)

Discussion List
We will use an Email-based discussion group: http://groups.yahoo.com/group/PUBP88033-Spr03
To subscribe, send any message to: PUBP8803-Spr03-subscribe@yahoogroups.com

Assignments (and percent of grade)
1. Active participation in discussion (10%)
2. Mid-term paper (25%)
3. In-class presentation (25%)
4. Final paper (40%)
READINGS

WEEK 1 -- Introduction
- Introduction and review of syllabus

WEEK 2 -- History, Technology, Institutions (1)
- Abbate, *Inventing the Internet* (Chaps. 1-4).

WEEK 3 -- Martin Luther King Day (observed)
- No class

WEEK 4 -- History, Technology, Institutions (2)
- Abbate, *Inventing the Internet* (to the end.)
- Cerf, Vinton, “History of the IAB”

WEEK 5 -- Protocols and Standards
- Internet Member Briefings Nos. 1, 3, 4, 6, 9 [http://www.isoc.org/briefings/](http://www.isoc.org/briefings/)
  - Ipv6:
    - No. 1: “Ipv6 and the Future of the Internet”
    - No. 4: “Ipv6 Implementation”
    - No. 6: “The Transition to Ipv6”
  - Routing
    - No. 3: “Scaling the Internet’s Routing System”
  - Instant messaging:
    - No. 9: “Instant Messaging and Presence on the Internet”

WEEK 6 -- Global Governance and ICANN

WEEK 7 -- Code as Law (1)
WEEK 8 -- Code as Law (2)
• Lessig, *Code*, chaps. 13-17 and appendix.

WEEK 9 – Spring Break
• No class

WEEK 10 – Peer-to-Peer
• Oram, Andy, ed., *Peer-to-Peer*, Chaps. 1-6, 8-9

WEEK 12 -- Intellectual Property (1)
• Litman, *Digital Copyright* (2001)

WEEK 13 -- Intellectual Property (2)
• Lessig, Lawrence, *The Future of Ideas*

WEEK 14 -- Security

WEEK 15 – Civil Liberties
• Visiting Speaker: Former Congressman Bob Barr

WEEK 16 -- Content

WEEK 17 -- Privacy