

2002 Seminar Syllabus¹

Global Electronic Commerce: Information Policy and Strategy

SI 669/769 – SPP 802 – CAAS 558/769

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Seminar Meetings and Virtual Seminar Room:

Wednesdays:
9:00 a.m.– 12:00 p.m. EST, SI DIAD Lab
3:00 – 6:00 p.m. South Africa, Centra Seminar Room
<http://centra.cotelco.net>

Office Hours:

Wednesdays:
12:00 – 2:00 p.m. EST
6:00-8:00 p.m., South Africa

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Course Web sites: <http://www.si.umich.edu/Classes/669/>

Course Worktools site: <https://worktools.si.umich.edu/workspaces/dcogburn/004.nsf>

Seminar Overview

The primary objective of this advanced graduate seminar is to promote a critical understanding of the global political, economic, regulatory and strategic context within which global electronic commerce is developing, while increasing the participants' ability to engage in and influence these important international policy and regulatory debates. A concomitant objective is to enhance the research, analytic, writing, technology, and presentation skills of the participants through team-based research projects, role-playing exercises, case studies, report writing, presentations, and use of advanced collaboration technologies. This course contributes to the STIET program (<http://www.si.umich.edu/stiet/>) and E-Commerce thrust and within the Information Economics, Management and Policy (IEMP) program of the School of Information. In past semesters, students from the University of Michigan Business School, Gerald R. Ford School of Public Policy, and the School of Engineering have participated actively in this School of Information seminar, and it is now cross-listed with many of these programs. We may also have students participating in the seminar from the University of the Witwatersrand in South Africa. The seminar has also been approved as a 700-level doctoral seminar. Doctoral students are expected to meet a different set of requirements, with an increased focus on analysis, synthesis, theory, and research (including readings from the SI preliminary doctoral exam). Also, doctoral students will meet with the professor during the first week of the seminar to discuss their research interests, and develop an individual strategy for their progression through the seminar.

I. Development of Theoretical/Analytical Framework

The seminar has four primary components. It begins by developing an analytical framework through critical discussions of contrasting theoretical models used to understand, analyze, and critique the current historical period defined by globalization, and a global information economy and society. These frameworks include: the network society approach, world-systems theory, institutional analysis, state-centric model, citizen responsive model, and international regime theory, each of which focuses on different sets of interrelated socio-economic actors and their impact on the

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policy formulation process at national and international levels. Of these approaches, we will focus most on a critical use of regime theory, and develop a conceptual model for analyzing the global governance of information and communications policy, including the principles, values, norms, rules, decision-making and enforcement mechanisms, and understanding the roles and perspectives of the major stakeholders in the world-system, both state (developed countries, developing countries) and non-state actors (global and multi-national corporations, international organizations, non-governmental and community-based organizations).

II. Critique of National, Regional and Global Frameworks

Next, the seminar identifies and critiques the major national, regional, and global strategic initiatives and frameworks designed to support the development of global e-commerce and an Information Society. Participants will analyze and critique these various initiatives and work to understand the contending roles and perspectives of the organizations and institutions that are supporting and/or opposing them. At this stage of the seminar, participants will be assigned to "Syndicate Groupings" which will represent the major stakeholder groupings described above. These syndicates will play an important role for the remainder of the seminar.

III. Analysis of Key Global Information Policy Issues

After assignment to syndicate teams, the seminar will focus on an in-depth, global political economy analysis of the critical and hotly contested information policy issues of e-commerce, paying particular attention to the perspectives of developing countries within these debates. These issues will include the following:

- Information and Communications Infrastructure Development
- Electronic Payment Systems and Financial Institutions
- Customs, Taxation and a Global Uniform Commercial Code
- Intellectual Property Protection
- Privacy, Free Speech and Consumer Protection
- Security and Encryption
- Content Development and Regulation
- Technical Standards and Interoperability
- Education, Employment and Social Impact

IV. Development of Stakeholder Strategies

Finally, working within their syndicate teams, participants in the seminar will develop strategies for their stakeholder grouping for best achieving their objectives within the current limitations and opportunities of the world-system. Throughout the semester these syndicate teams will engage in role-playing exercises, debates, and group projects, leading up to their final syndicate project.

Rationale and Approach for the Course

The policies and strategies required for the development of global e-commerce are numerous and complex. Many countries are responding to these challenges by developing comprehensive frameworks to place their policies and strategies within a national context and in-line with their commitments and objectives at a global level. This course explores all of these broad-based components of information policy, as well as the contending perspectives on the specific issues. Further, the seminar explores the role that collaboration tools might play in facilitating global information policy formulation.

While immersing the participants in the relevant literature, this seminar is designed to provide a challenging learning opportunity and contribute to the development of a deeper theoretical understanding of the issues covered, while engaging participants in practical and applied approaches and activities. Activities in the seminar include: lectures, course readings, case-studies, role-playing exercises and group projects. The professor will provide continuous feedback to the students, high levels of interaction and an emphasis on both individual student work and group projects.

At the beginning of the semester, each participant in the seminar will be assigned to a research team (Syndicate). Each syndicate will be assigned one of five stakeholder perspectives: (1) global private sector and SMMEs; (2) developed

country national governments; (3) developing country national governments; (4) intergovernmental organizations and (5) non-governmental and community-based organizations. Each Syndicate will be tasked with a research problem, two projects, case study readings, and a role-playing exercise. The approach taken in this seminar is designed to provide theoretical and applied training for students interested in careers in university-based research centers, public policy research institutes (think tanks), international organizations and the private sector strategic development and public policy divisions.

Assignments (NB: Assignments are due into Worktools by close of business the day preceding the deadline)

1. **Introductory Presentation:** Using PowerPoint, give a two-minute presentation on your background and interest in Global Electronic Commerce and Information Policy (*Due: 11 September 2002*)
2. **Seminar Discussions and Critique Papers:** All seminar participants are responsible for being completely prepared for each seminar session according to the requirements of this syllabus. Each week, students may be asked to lead seminar discussions on certain topics, either individually or within their syndicate teams. Doctoral students will be required to submit a possible total of five two-page critique papers, the format of which will be discussed in the seminar.
3. **Mid-Term Paper and Presentation:** Each student should prepare a mid-term research paper based on a topic relevant to the seminar and approved by the professor. These papers should express the student's individual interests and perspectives on the seminar material and topics. Each student will summarize and present their paper in a PowerPoint presentation. For master's students, the paper will be 10 pages (2500 words) and the presentation 5-minutes. Doctoral students will prepare a 20 page paper (5000), and a 10-15 minute presentation. Students will be urged to write this paper with consideration for conference submission or publication. (*Due: 16 October 2002*)
4. **Final Syndicate Project and Presentation:** Over the course of the semester, each syndicate will develop the following: (1) syndicate web site; (2) 20-25-page paper (5000-6000 words) and, (3) 20-minute PowerPoint presentation. The syndicate research project will be presented in the final session, and teams will be expected to defend their projects in a healthy debate led by the seminar professor. A series of milestones will be put in place to assist you in completing your syndicate projects on time. *NB:* A peer-evaluation technique will be employed to assess individual contributions to group projects. (*Due: 11 December 2002*).

Evaluation: Grades for the course will be assigned based on the following components:

1. Introductory presentation 10%,
2. Seminar discussions and critique papers 10%
3. Mid-term paper and presentation 40% (paper 25%; presentation 15%)
4. Final Syndicate projects 40% (paper 25%; presentation 15%)

A+ (Extraordinary achievement): 97-100	C+ (Poor performance): 77-79
A (Consistently distinguished performance): 93-96	C (Very poor performance) 73-76
A- (Strong, solid achievement in most aspects): 90-92	C- through E (Minimal, Not at graduate level) 72 or lower
B+ (Good performance, consistent with expectations): 87-89	
B (Acceptable): 83-86	
B- (Borderline): 80-82	

Office Hours

My physical office hours are Wednesdays from 12:00-2:00 p.m. During this time, I will also be available for virtual consultation via our web-conferencing tool, Centra Symposium. I strongly suggest that you meet with me to discuss the course material, your mid-term papers, and final projects as soon as possible. In addition to my physical office hours, I am available "virtually" nearly every day on AOL Instant Messenger™ (CogburnDL), MSN Messenger (dcogburn@hotmail.com) and ICQ (Name: Cogburn; User Identification Number: 17862355). Further, if you require an appointment outside of these arrangements, please send me an e-mail or phone for an appointment.

Course Web Site and Mailing List

To support the learning needs of this seminar, a website and *UM.WorkTools* site has been developed and can be found at the following URLs: Course Worktools site: <https://worktools.si.umich.edu/workspaces/dcogburn/004.nsf>;

Website: <http://www.si.umich.edu/Classes/669/>. Each student is expected to make extensive use of these web sites and to contribute to their development, both independently and through his or her syndicate. In addition, we will make use of the seminar mailing list for asynchronous communication.

Seminar Requirements

For seminar requirements, please see the detailed seminar schedule below. All required books are available at various bookstores on campus and through on-line bookstores. Additional required readings are available on-line, or in the course pack to be made available. Most recommended journals are available on-line and can be accessed from the course web site. Other required reading materials occasionally may be placed on reserve in the library.

Expectations

The professor in this seminar has very high expectations of the participants and they should have the same of the professor. This informal "learning contract" will govern activities in the seminar. All participants are expected to complete the required reading and case assignments for each session prior to that session and to actively participate in all activities of the Syndicate to which they are assigned. The code of academic conduct at the university will be enforced strictly. **NB: Grades of incomplete can only be considered upon receipt of medical certification. All late submissions receive one letter grade lower per day past the specified due date.**

Required Reading (Books)

Lawrence Lessig, *Code and Other Laws of Cyberspace* (Washington: Basic Books, 1999).

Brian Kahin and Charles Nesson, eds, *Borders in Cyberspace: Information Policy and the Global Information Infrastructure* (Cambridge: MIT Press, 1997).

Philip Agree and Marc Rotenberg, *Technology and Privacy: The New Landscape* (Cambridge: MIT Press, 1998).

Required Reading (Chapters, Articles and Websites)

Stephen Krasner, ed. "International Regimes," *International Organization*, Vol 36. No.2. 1982, pp. 185-205.

(<http://www.jstor.org/fcgi-bin/jstor/listjournal.fcgi/00208183/dm980238?config=jstor&frame=frame&userID=cf4bb076@umich.edu/8dd5254c0050221445&dpi=3>).

Don Tapscott, *Blueprint to the Digital Economy: Creating Wealth in the Era of E-Business*, Chapter 1 (19-33); Chapter 6 (113-138), Chapter 9 (pp. 179-202), Chapter 17 (339-354), and Chapter 18 (355-370), Chapter 19 (371-383).

Don Tapscott, *The Digital Economy: Promise and peril in the Age of Networked Intelligence*, Chapter 8 (pp. 197-218).

ICANN Report to the US Dept. of Commerce 2000 (<http://www.icann.org/general/statusreport-30jun00.htm>).

United Nations ECA, "African Information Society Initiative" (<http://www.bellanet.org/partners/aisi/>)

WTO Work Program on E-Commerce (http://www.wto.org/english/tratop_e/ecom_e/wkprog_e.htm).

OECD Ministerial Conference "Realising the Potential of Global Electronic Commerce" (<http://www.oecd.org/dsti/sti/it/ec/index.htm>).

Recommendations to the European Council: Europe and the global information society (<http://www.ispo.cec.be/infosoc/backg/bangeman.html>).

Shapiro and Varian, *Information Rules: A Strategic Guide to the Network Economy*, Chapter 2 (pp. 19-51), Chapter 10 (pp. 297-318).

Kalakota & Whinston, *Frontiers of Electronic Commerce*, Chapter 2 (pp. 43-84), and Chapter 6 (pp. 215-251), Chapter 8 (pp. 295-331), Chapter 15 (pp. 553-594).

Soon-Yong Choi, et al, *The Economics of Electronic Commerce*, Chapter 3 (pp.93-135), Chapter 5 (pp.174-212), Chapter 10 (pp.407-462), portion of Chapter 11 (pp.489-497).

David Kosiur, *Understanding Electronic Commerce*, Chapter 3 (pp. 35-63), Chapter 4 (pp. 65-88).

David Johnston, et al., *CyberLaw*, Chapter 8 (174-196).

E-Commerce Taxation Principles: A GIIC Perspective (<http://www.giic.org/focus/ecommerce/ectax.html>).

UNCITRAL Model Law on Electronic Commerce (1996) with additional article 5 bis as adopted in 1998 with Guide to Enactment (<http://www.jus.uio.no/lm/un.electronic.commerce.model.law.1996/>).

OECD Model Tax Convention (<http://www.oecd.fr/daf/fa/TREATIES/treaty.htm>).

European Community Directive on Data Protection (http://www.doc.gov/ecommerce/eu_dir.htm).

Nabil Adam, et al, *Electronic Commerce: Technical, Business and Legal Issues*, Chapter 5 (pp. 123-144).

More About PEOPLink <http://www.PEOPLink.org>).

CRA Study: The Supply of IT Workers in the United States (http://cra.org/reports/wits/chapter_10.html).

NB: Additional articles may be assigned periodically to support the work and approach of the syndicates.

Recommended Reading (Books, Chapters, Articles and Websites)

Attali, Jacques. *Millennium: Winners and Losers in the Coming World Order* (New York: Random House, 1991).

Barber, Benjamin *Jihad v. McWorld: How the Planet is Both Falling Apart and Coming Together and What this Means for Democracy* (New York: Times Books, 1995).

Bhalla, A.S. ed. *Globalization, Growth and Marginalization* (New York: St. Martin's Press, 1998).

Brynjolfsson, Erik and Brian Kahin. Eds. *Understanding the Digital Economy: Data, Tools, and Research* (Boston: MIT Press, 2000).

Castells, Manuel. *The Information Age: Economy, Society and Culture, Vols. I, II, and III* (Oxford: Blackwell Publishers, 1996).
Volume III: End of Millennium

Clark, Ian *Globalization and Fragmentation: International Relations in the Twentieth Century* (New York: Oxford University Press, 1997).

Davenport, Thomas H. and Laurence Prusak, *Working Knowledge: How Organizations Manage What They Know* (Boston: Harvard Business School Press, 1998).

Epping, Randy Charles. *A Beginners Guide to the World Economy* (New York: Vintage Books, 1995).

European Community Directive on Data Protection (www)

Frieden, Rob. *International Telecommunications Handbook* (Boston, Artech House, 1996).

Greider, William *One World: Ready or Not: The Manic Logic of Global Capitalism* (New York: Simon and Schuster, 1997).

Hoogvelt, Ankie *Globalisation and the Postcolonial World: The New Political Economy of Development* (London: Macmillan, 1997).

Hoekman, Bernard and Michel Kostecki. *The Political Economy of the World Trading System: From GATT to WTO* (New York: Oxford University Press, 1995).

David Johnston, Sunny Handa, Charles Morgan. *Cyberlaw: What you need to know about doing business on-line* (Toronto: Stoddart Publishing, 1997).

Kalakota & Whinston, *Frontiers of Electronic Commerce* (New York: Addison-Wesley, 1996).

Kelly, Kevin. *New Rules for the New Economy: 10 Radical Strategies for a Connected World* (New York: Viking Penguin, 1998).

Kenney, Martin and Richard Florida. *Beyond Mass Production: The Japanese System and its Transfer to the U.S.* (New York: Oxford University Press, 1993).

Krueger, Anne O., *The WTO as an International Organization*. (Chicago: University of Chicago Press, 1998).

Longworth, Richard C. *Global Squeeze: The Coming Crisis for First-World Nations* (Chicago: Contemporary Books, 1998).

Minoli, Daniel. *Distance Learning Technology and Applications* (Boston, Artech House, 1998).

Moon, Bruce E. *Dilemmas of International Trade* (Bolder: Westview Press, 1996).

OECD. Global Information Infrastructure and Global Information Society Policy Recommendations for Action (www)

_____. Dismantling the Barriers to Global Electronic Commerce (www)

_____. Consumer Protection in the Electronic Marketplace (www)

Reich, Robert *The Work of Nations: Preparing Ourselves for 21st Century* (New York: Vintage Books, 1996).

Roberts, Richard. *Inside International Finance* (London: Orion Publishers, 1998).

Sassen, Saskia. *Globalization and its Discontents: Essays on the New Mobility of People and Money* (New York: The New Press, 1998).

Soon-Yong Choi et al, *The Economics of Electronic Commerce* (Indianapolis: Macmillian, 1997).

Neil Stephenson, *Cryptonomicon*, (New York: Harper , 2000).

Tapscott, Don. *Blueprint to the Digital Economy: Creating Wealth in the Era of E-Business* (New York: McGraw Hill, 1998).

Timmers, Paul et al, eds. *Electronic Commerce: Opening Up New Opportunities for Business* (London: Cheshire Henry, 1998).

2002: Global E-Commerce Seminar-at-a-Glance

Knowledge Component	Required Reading and Assignments	Recommended Reading	Logistics
<p>Session 1: 4 September 2002</p> <p>Whither Cyberlaw and E-Commerce?</p> <ol style="list-style-type: none"> Welcome and introduction to seminar Brief overview of seminar collaboration tools Review of the syllabus and seminar goals Introductory Lecture: Overview of the oretical framework and key issues <ul style="list-style-type: none"> Globalization, Electronic Commerce and the Information Economy: A World-Systems and Regime Theory Approach Administrative issues <ul style="list-style-type: none"> Syndicate Pilot Project: Critique Paper and Presentation Mid-term paper topic approval process and deadlines Peer Review Evaluations 	<p>–Review the course web site to become familiar with structure and content</p>		<p>Schedule individual meetings with doctoral students after class on the first day</p>
<p>Session 2: 11 September 2002</p> <p>International Regime Theory: Frameworks and Approaches to Global E-Commerce</p> <ol style="list-style-type: none"> Introductory presentations Discussion of Syndicate Approach/Focus and Assignment to Syndicate Groupings <p><i>S1: <u>Global Corporations and SMMEs</u></i> e.g. <i>GIIC, TABD, GBDe</i></p> <p><i>S2: <u>Developed Country National Governments</u></i> e.g. <i>OECD, G7, US, Japan, EU, Germany, Canadian</i></p> <p><i>S3: <u>Developing Country National Governments</u></i> e.g. <i>Malaysia, Egypt, India, South Africa, Singapore, Brazil</i></p> <p><i>S4: <u>Intergovernmental Organizations</u></i> e.g. <i>WTO, WIPO, UNCITRAL, UNCTAD, ECA</i></p> <p><i>S5: <u>Non-governmental Organizations</u></i> e.g. <i>SangoNet, IGC,</i></p> <ol style="list-style-type: none"> Lecture: International Regime Formation: “Global Governance” for Electronic Commerce? Discussion: Erosion, Development, and Maintenance of Global Regimes 	<p>Assignment One Due: Introductory Presentations</p> <p>Stephen Krasner, ed. "International Regimes," <i>International Organization</i>, Vol 36, No.2, 1982, pp. 185-205.</p> <p>Michael P. Ryan, <i>Knowledge Diplomacy: Global Competition in the Politics of Intellectual Property</i>, Washington, D.C., Brookings Institution, 1998, (Chapter 1, pp. 1-20)</p> <p>Brian Kahin and Charles Nesson, <i>Borders in Cyberspace</i>, (pp. 128-163).</p>	<p>John Haltiwanger and Ron S. Jarmin, “Measuring the Digital Economy, p. 13-33.</p> <p>Don Tapscott, <i>Blueprint to the Digital Economy: Creating Wealth in the Era of E-Business</i>, Chapter 1 (19-33); Chapter 17 (339-354), and Chapter 18 (355-370).</p>	
<p>Session 3: 18 September 2002</p> <p>Strategic Responses to the GII and Global Electronic Commerce</p> <ol style="list-style-type: none"> Lecture: Strategic Responses to the GII and Global Electronic Commerce: National, Regional, and Global Approaches Discussion: Syndicates will be responsible for leading the discussion of particular national, regional, and global frameworks Approval of Mid-Term Paper Topics: Due 	<p>WTO Work Program on E-Commerce</p> <p>OECD Ministerial Conference "Realising the Potential of Global Electronic Commerce"</p> <p>South African Electronic Communications and Transactions Bill http://www.ectbill.co.za/docs/bill-2002-06-07.pdf</p>	<p>OECD Policy Report on Global Information Infrastructure and Global Information Society - Recommendations for Action</p> <p>OECD Dismantling the Barriers to Global Electronic Commerce, Turku Conference Discussion Paper</p> <p>United Nations ECA, "African Information Society Initiative"</p> <p>Recommendations to the European Council: Europe and the global information society</p>	<p>Potential guest speaker from South African on the new South African Electronic Communications and Transactions Bill</p>

<p>Session 4: 25 October 2002</p> <p>Information and Communications Infrastructure Development</p> <ol style="list-style-type: none"> 1. <u>Lecture</u>: Building the GII: Information and Communications Infrastructure Development 2. <u>Discussion</u>: <ul style="list-style-type: none"> • Internet and Web as Infrastructure • Liberalization and privatization of Telecommunications • Broadcasting infrastructure • Alternative Infrastructure • Universal Service, Universal Access and Multi-purpose, Community Information Centers 	<p>Kahin and Wilson, eds., <i>National Information Infrastructure Initiatives</i>, pp. 532-548</p> <p>Shapiro and Varian, <i>Information Rules: A Strategic Guide to the Network Economy</i>, Chapter 10 (pp. 297-318).</p> <p>Kalakota & Whinston, <i>Frontiers of Electronic Commerce</i>, Chapter 2 (pp. 43-84), and Chapter 6 (pp. 215-251).</p> <p>Soon-Yong Choi, et al, <i>The Economics of Electronic Commerce</i>, Chapter 3 (pp.93-135).</p>	<p>Kalakota & Whinston, <i>Frontiers of Electronic Commerce</i>, Chapter 3 (pp.85-132)</p> <p>OECD Global Information Infrastructure and Global Information Society Policy Requirements (http://www.oecd.org/dsti/sti/it/ec/index.htm)</p> <p>Soon-Yong Choi, et al, <i>The Economics of Electronic Commerce</i>, Chapter 11 (pp.464-538).</p>	
<p>Session 5: 2 October 2002</p> <p>Electronic Payment Systems</p> <ol style="list-style-type: none"> 1. <u>Lecture</u>: Electronic Payment Systems, Financial Institutions and Mechanisms 2. <u>Discussion</u>: <ul style="list-style-type: none"> • Smart Cards, Digital Cash • Emerging Financial Instruments and Mechanisms 	<p>Soon-Yong Choi, et al, <i>The Economics of Electronic Commerce</i>, Chapter 10 (pp.407-462).</p> <p>Kalakota & Whinston, <i>Frontiers of Electronic Commerce</i>, Chapter 8 (pp. 295-331).</p> <p>David Kosiur, <i>Understanding Electronic Commerce</i>, Chapter 3 (pp. 35-63).</p>	<p>Don Tapscott, <i>Blueprint to the Digital Age: Creating Wealth in the Era of E-Business</i>, Chapter 6 (113-138).</p>	
<p>Session 6: 9 October 2002</p> <p>Customs, Taxation and Commercial Code</p> <ol style="list-style-type: none"> 1. <u>Lecture</u>: Customs and Taxation in Global E-Commerce: National Implications and the Need for a Global Uniform Commercial Code 2. <u>Discussion</u>: <ul style="list-style-type: none"> • Residency and jurisdiction: whether a web site or a server can constitute a permanent establishment giving rise to tax jurisdiction in a country; • How payments for digitized products should be characterized under tax treaties; • Consumption tax, how should we define the place of consumption of services and intangible goods; • What are the implications for Income tax in E-commerce • Source-based v. residence-based taxation • Global Uniform Commercial Code 	<p>Soon-Yong Choi, et al, <i>The Economics of Electronic Commerce</i>, (pp.489-497).</p> <p>David Johnston, et al., <i>CyberLaw</i>, Chapter 8 (174-196)</p> <p>E-Commerce Taxation Principles: GIIC Perspective</p> <p>UNCITRAL Model Law on Electronic Commerce (1996)</p> <p>OECD Model Tax Convention</p>		
<p>Session 7: 16 October 2002</p> <p>Individual Mid-term Presentations</p> <p>–Scheduled in the order received</p>	<p>Assignment Three Due: Mid-Term Presentations (strictly limited to 5 minutes)</p>		<p>Outside guests may be invited to sit in on the mid-term presentations, which may also be recorded.</p>
<p>Session 8: 23 October 2002</p> <p>Intellectual Property Protection</p> <ol style="list-style-type: none"> 1. <u>Lecture</u>: Intellectual Property in E-Commerce: What is the Role? 2. <u>Discussion</u>: <ul style="list-style-type: none"> • Copyright • Patents • Trademarks • TRIPs Agreement • Domain Names 	<p>NRC Report: The Digital Dilemma: Intellectual Property in the Information Age, Chapter 1 (pp 23-75).</p> <p>Lawrence Lessig, <i>Code and Other Laws of Cyberspace</i>, (pp. 122-141)</p> <p>Brian Kahin and Charles Nesson, <i>Borders in Cyberspace: Information Policy and the Global Information Infrastructure</i>, (pp. 205-234)</p> <p>Keith E. Maskus, <i>Intellectual Property Rights in the Global Economy</i>, Washington: IIE, 2000</p>	<p>Michael P. Ryan, <i>Knowledge Diplomacy: Global</i>, Brookings Institution, 1998</p> <p>Soon-Yong Choi, et al, <i>The Economics of Electronic Commerce</i>, Chapter 5 (pp. 174-212).</p> <p>David Johnston, et al., <i>CyberLaw</i>, Chapter 7 (pp. 147-173)</p> <p>Memorandum of Understanding Between the U.S. Dept. of Commerce and ICANN</p>	<p>Potential guest speaker</p>

<p>Session 9: 30 October 2002</p> <p>Development and Regulation of Content</p> <ol style="list-style-type: none"> <u>Lecture</u>: The Challenge of Producing, Packaging and Pricing Content: Protecting culture through its development; protecting citizens through its regulation <u>Discussion</u>: <ul style="list-style-type: none"> Stimulating content Regulating content Protecting citizens 	<p>Shapiro and Varian, <i>Information Rules</i>, Chapter 2 (pp. 19-51)</p> <p>Brian Kahin and Charles Nesson, <i>Borders in Cyberspace: Information Policy and the Global Information Infrastructure</i>, (pp. 235-254; 300-344).</p> <p>Lawrence Lessig, <i>Code and Other Laws of Cyberspace</i>, (pp. 85-99)</p> <p>Jessica Litman, <i>Digital Copyright</i> Prometheus Books, 2001, Chapters, 6 & 7, pp. 89-110.</p>	<p>Philip Agree and Marc Rotenberg, <i>Technology and Privacy</i>, Chapter 5, Chapter 8,</p> <p>OECD Consumer Protection in the Electronic Marketplace</p> <p>David Johnston, <i>CyberLaw</i>, Chapter 4 (pp. 66-87)</p> <p>Don Tapscott, <i>The Digital Economy: Promise and Peril in the Age of Networked Intelligence</i>, Chapter 11 (pp. 271-283)</p>	
<p>Session 10 6 November 2002</p> <p>Privacy, Free Speech, and Consumer Protection</p> <ol style="list-style-type: none"> <u>Lecture</u>: Protecting Privacy and Promoting Consumer Protection <u>Discussion</u>: <ul style="list-style-type: none"> Information ownership "Cookies" <p>EU Privacy Directive</p>	<p>Philip Agree and Marc Rotenberg, <i>Technology and Privacy: The New Landscape</i>. Introduction, Chapters 1, 2, 3 (pp. 29-124), Chapters 6, 7 (pp. 167-218), Chapter 10 (pp. 277-310)</p> <p>Lawrence Lessig, <i>Code and Other Laws of Cyberspace</i>, (pp. 142-184)</p> <p>Brian Kahin and Charles Nesson, <i>Borders in Cyberspace: Information Policy and the Global Information Infrastructure</i>, (pp. 255-282).</p>	<p>Neil Stephenson, <i>Cryptonomicon</i></p> <p>Kalakota & Whinston, <i>Frontiers of Electronic Commerce</i>, Chapter 5 (pp. 177-212).</p> <p>David Johnston, et al., <i>CyberLaw</i>, Chapter 5 (88-115).</p> <p>European Community Directive on Data Protection (http://www.doc.gov/ecommerce/eudir.htm)</p>	
<p>Session 11 13 November 2002</p> <p>Security and Encryption</p> <ol style="list-style-type: none"> <u>Lecture</u>: The Balancing Act: Building Consumer Trust and Enhancing National Security <u>Discussion</u>: <ul style="list-style-type: none"> National Security Issues and Agencies Echelon and Carnivore Encryption Export control Digital signatures Authentication 	<p>Philip Agree and Marc Rotenberg, <i>Technology and Privacy</i>, Chapter 4 (pp. 125-142), Chapter 9 (pp. 243-276).</p> <p>Lawrence Lessig, <i>Code and Other Laws of Cyberspace</i>, (pp. 188-209)</p> <p>Brian Kahin and Charles Nesson, <i>Borders in Cyberspace</i>, (pp. 283-299).</p> <p>Don Tapscott, <i>Blueprint to the Digital Economy: Creating Wealth in the Era of E-Business</i>, Chapter 19 (371-383)</p> <p>David Kosiur, <i>Understanding Electronic Commerce</i>, Chapter 4 (pp. 65-88).</p> <p>Nabil Adam, et al, <i>Electronic Commerce: Technical, Business and Legal Issues</i>, Chapter 5 (pp. 123-144)</p>		
<p>Session 12 20 November 2002</p> <p>Technical Standards and Interoperability</p> <ol style="list-style-type: none"> <u>Lecture</u>: Technical Standards and Interoperability <u>Discussion</u>: <ul style="list-style-type: none"> Impact of Architecture on Control Code as Law 	<p>Lawrence Lessig, <i>Code and Other Laws of Cyberspace</i>, Chapters 1-8 (pp.iv-108).</p> <p>Brian Kahin and Charles Nesson, <i>Borders in Cyberspace</i>, (pp. 84-100)</p>		<p><i>Holiday Break Starts Wed, 27 November. No class will be held. Resume Classes Monday 2 December</i></p>

<p>Session 13: 4 December 2002</p> <p>Education, Employment and Social Impact</p> <ol style="list-style-type: none"> 1. <u>Lecture</u>: The Impact and Implications of E-Commerce on Education and Employment 2. <u>Discussion</u>: <ul style="list-style-type: none"> • Ensuring sufficient supply of IT workers • Presence and movement of Natural Persons within the context of WTO • Impact on other countries • What of a "digital Diaspora" for the developing world? 	<p>Don Tapscott, <i>The Digital Economy</i>, Chapter 8 (pp. 197-218).</p> <p>Don Tapscott, <i>Blueprint to the Digital Economy</i>, Chapter 9 (pp. 179-202).</p> <p>Kalakota & Whinston, <i>Frontiers of Electronic Commerce</i>, Chapter 15 (pp. 553-594).</p> <p>Erik Brynjolfsson and Brian Kahin, <i>Understanding the Digital Economy</i>, pp 217 - 291</p>	<p>OECD Report: <i>The Economic and Social Impact of Electronic Commerce: Preliminary Findings and Research Agenda</i>, Chapter 4 (pp. 105-141), Chapter 5 (pp. 143-155) (http://www.oecd.org/dsti/sti/it/ec/index.htm)</p> <p>WTO GATS Agreement: Background Papers on the Presence and Movement of Natural Persons http://www.wto.org/english/thewto_e/minist_e/min96_e/natpers.htm</p> <p>CRA Study: The Supply of IT Workers in the United States (http://cra.org/reports/wits/chapter_10.html)</p>	
<p>Session 14: 11 December 2002</p> <p>Group Projects and Presentations</p> <p>--Scheduled in the order received</p>	<p>Assignment Four Due: Group Papers and Presentations</p>		<p>Outside guests may be invited to sit in on the final presentations, which may also be recorded.</p>