Development of mobile and wireless communications

MSU TC 491

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Kick-off

1. Introductions
2. Course timings
3. Course outline
4. Student expectations
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introductions
Course Timings

We’ll be meeting three times this week:

1. **Thursday**, March 23rd
   - 6pm - 9pm
2. **Friday**, March 24th
   - 10am - 12pm and 1 - 4pm
3. **Saturday**, March 25th
   - 10am - 12pm and 1 - 4pm

*Please be on time!*
Course Outline

1. Global ICT Trends and the work of ITU
2. Mobile Mania: Tracking Global Mobile Development
   • Student Discussion – “Device evolution towards 2015”
   • Role Play – “Making the Market – Music Portal Launch”
3. Regulatory Challenges for Mobile Communications
   - Legacy 2G issues
   - Spectrum management
   - Spam
4. Mobiles cross the Digital Divide?
5. Me and my mobile: Social and Cultural Impacts
   • Staged Debate – Techno-social considerations
6. Future trends and emerging wireless technologies
   • Student Discussion - Shifting tides and tensions
7. Country Focus – From the ‘keitai’ to a ubiquitous network society in Japan
Student expectations

• Why did you sign up for this course?

• What do you expect to get out of it?
Course Evaluation

1. Role Plays and Student Debates
   • 40%

2. Essay
   • 50%

3. General participation in class
   • 10%
Essay topics:
Please pick one of the following

1. What are the most important regulatory challenges raised by an increasingly wireless world?

2. What are the most important mechanisms available today for bridging the digital divide by bringing connectivity to underserved areas of the world?

3. How can the interests of end-users in the information society (e.g. affordability, privacy protection) be balanced with the interests of business (bottom line, rapid innovation)?
Evaluation of Essay

Length: 1’500 – 2’000 words (maximum)

The essay will be graded on

1. Content
2. Structure
3. Originality
4. Use of statistical information and/or illustrations/graphs to support your argument

Deadline: April 21st

Deadline for Young Minds Competition: March 31st (but I will allow applications until 10th April)
The ITU is pleased to announce its 2006 Young Minds in Telecoms competition.

Click here to participate in the competition
Information on eligibility and how to apply are included below.
Deadline for applications has been extended to 31 March 2006.

Background:
The ITU Strategy and Policy Unit (SPU) launched its first essay-writing competition under the "Young Minds in Telecoms" Programme in November 2004. The main site for the 2005 Young Minds in Telecoms competition included the winning essays and information on the 2005 ITU Young Minds in Telecoms finalists Rustam Sjobajewa from Kazakhstan and Jürgen Rolte from Moscow, Russian Federation.

Conditions for participating in the 2006 ITU Young Minds in Telecoms:
The 2006 ITU Young Minds in Telecoms competition is open to current students and recent graduates in economics, political science, law, literature, computer science, information systems or a related field.

If you are selected:
Selected applicants will have their work posted on the ITU Strategy and Policy Unit website and/or cited in an ITU publication. One or two selected applicants will in addition be offered the opportunity of a short-term research contract in the Strategy and Policy Unit for three months during the spring or summer of 2006 and a contribution to the cost of an Economy class flight from their current place of residence, plus CHF 10,000 towards living expenses while in Geneva.

How to apply:
Please use fill out our application form available here. In this form, you will be asked to submit the following two documents:

- A one-page curriculum vitae including basic information, educational background and work experience (if applicable)
- An essay of no more than 1000 words on one of the topics listed below (submitted using this template).

Essay topics for the 2006 Young Minds in Telecoms competition:

- What are the key opportunities and threats raised by the growing use of services over IP, such as voice (VoIP) and television (I.e. IPTV)?
- What are, in your view, the most important regulatory challenges raised by an increasingly wireless world?
- What does the term "internet governance" mean to you? What needs to change as a result of the World Summit on the Information Society outcomes?
- What, in your view, are the most important mechanisms available today for bridging the digital divide by bringing connectivity to underserved areas of the world?
- How can the interests of end-users in the Information Society (e.g. affordability, privacy protection) be balanced with the interests of business (bottom line, rapid innovation)?

Deadline for submitting applications: 31 March 2006
Some background reading:

You may wish to consult ITU background resource websites, which include internal and external publications and links, on a wide variety of topics related to mobile wireless. In particular, see:

Research under the New Initiatives Programme:

- [www.itu.int/multimobile (2006)](http://www.itu.int/multimobile)
- [www.itu.int/ubiquitous (2005)](http://www.itu.int/ubiquitous)
- [www.itu.int/futuremobile (2004)](http://www.itu.int/futuremobile)

Annual Publication - “ITU Internet Report”

- [www.itu.int/internetofthings (2005)](http://www.itu.int/internetofthings)
- [www.itu.int/portableinternet (2004)](http://www.itu.int/portableinternet)