Welcome to the Technology for International Development (T4ID) Wiki!

Course Number: 94-812
Fall 2016 Mini 2
Units: 6
Prerequisites: None

This course will look at meaningful ways that information and communication technologies, especially the Internet and mobile phones, are being used to support development in the world's poorest communities. How can technology be used to address the challenges of healthcare, education, good governance, environmental sustainability, disaster management, and economic development? And how is technology misapplied? Technology for development has received increased interest in academia, industry (emerging markets), government (a shortcut to development), social enterprise (enabler of micro-credit, micro-finance, micro-insurance), and beyond. This has created a rich literature and interesting debates that draw on insights from a large number of fields. This course intends to bring together technology and policy students to investigate jointly how technology can play a positive role in international development.

Instructor

Joe Mertz
HBH 3038
joemertz@cmu.edu
T4ID Office hours: Mondays 4:45pm - 6:00pm
General Office hours (potentially busier): Wednesdays 4:00pm - 6:00pm, Thursdays 1:30pm - 3:30pm

TA

Deme Yoo
dhyoo@andrew.cmu.edu
Office hours: By appointment

Course learning objectives

<table>
<thead>
<tr>
<th>Learning objective</th>
<th>Measured via</th>
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<tbody>
<tr>
<td>Be aware of the history of using technology in international development</td>
<td>Class participation</td>
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<tr>
<td>Articulate how technology impacts development in terms of agriculture, communication, education, economics, health, government, and gender.</td>
<td>Class participation Final Exam</td>
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<tr>
<td>Articulate a basic understanding of how technologies used in development work, including mobile, social media, broadband Internet, web applications, cloud computing, and new devices.</td>
<td>Class participation Final Exam</td>
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<td>Understand best practices in development and be able to analyze and discuss ICTD projects</td>
<td>Final Exam</td>
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<td>in light of these practices</td>
<td>Research current literature, synthesize material, make a presentation, and lead discussion on topics in technology for development</td>
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<tr>
<td>Perform original work in the use of technology for development, for example by analysis, defining requirements, designing, prototyping, capacity building, or assessment.</td>
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## Course Requirements & Grading policy

- [Personal bio page](#): 2%
- [Class presentation](#): 30%
- [Final exam](#): 30%
- [Final project](#): 30%
- [Class participation](#): 8%

Full detail of these links can be found at t4id.wikispaces.com

### Note regarding Pass/Fail:
Because the Class Presentation and the Final Project are done with classmates, and because these items constitute 60% of their final grade, it is important that all students are fully invested in the course. Consequently this course must be taken for a grade and not Pass/Fail.

## Reading Materials

All reading materials will be made available via this wiki.

## Class attendance

This is an exciting and rapidly growing field. But as in most things, you get out as much as you put in. You are expected to prepare for each class and participate in discussions in class. The class participation grade will be based on your active involvement in discussions.

## Use of laptops in class

A discussion class works best if all are engaged in the topic, and not distracted by other activities. Therefore please leave your laptops closed and your phone away and on silent.

## Blackboard

Blackboard will be used as the class gradebook and may be used to do the peer assessments of in-class presentations. All course materials will be distributed via this wiki.

## Acknowledgements and References

Always make sure you acknowledge your collaborators and others who help you in any written or oral assignment. In general, you should be generous in acknowledging contributions of others. Also make sure you include adequate references to publications, communications, and websites that you use to support different claims in your written and oral assignments. Most arguments are made stronger by supporting citations. There is a strict policy prohibiting plagiarism in this class.
Add Discussion

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