GIST4302/5302: Instructions to Moving to On-line

(Windows Version)

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This document describes the steps to move the class, lectures and labs, to on-line. For the lecture, we will primarily use Blackboard and Microsoft Team as the backup in case the Blackboard system was overwhelmed. For the lab, additional steps will be required to access TTU server using your computers at home. The remainder of this document describes the details .

# 1. Lectures

Lectures will be live stream during the scheduled class time, 12:30pm-1:30pm on Tuesday and Thursday, and the recorded video should be available after the lectures complete.

## Blackboard

Blackboard is the easiest option without needing extra software. The following is the link to access the live stream during scheduled class time:

<https://us.bbcollab.com/guest/bf4809aecaee4a3e9e5757f7ebb6436e>

## Microsoft Team

As mentioned, we will go with this option as a backup in case the Blackboard is overwhelmed by the load. The setup with Microsoft Team is also straightforward. Copy and paste the following link into your browser (Google Chrome recommended on both Windows and Mac), and it might ask you to install Microsoft Team software.

<https://teams.microsoft.com/l/team/19%3aacc451c2de9b47afa2acb85c6716ebf9%40thread.tacv2/conversations?groupId=34a51520-8323-400a-9d6a-572cefdf3e3c&tenantId=178a51bf-8b20-49ff-b655-56245d5c173c>

# 2. Lab

**Chanmi will live stream her lab instructions during lab hours as I do for the lectures.**

Compared with lectures, moving labs to on-line takes extra steps. VPN is essential to allow the accesses to TTU resources from home. I recommend you having it setup first. After that, you can access the TTU servers including the lab material folder on Techshare from home as you normally do on campus. The following gives the setup instructions.

For Windows users, I strongly recommend installing ArcMap on your home computers. You will be given a license code for the installation. The installation package can be downloaded from remote drive \\software.itts.ttu.edu\shared\ArcGIS (setup VPN first for the downloading, see below) and the installation process is relatively straightforward. We will use GeoDa for couple of labs, and the executable program will be provided and it doesn't need extra installation steps.

When you have VPN setup and ArcMap installed, you basically can do the labs as you normally do in remote sensing lab, e.g., mapping a network drive of the lab materials \\techshare.ttu.edu\depts\geosciences\gistcourses\gist4302.

In case you cannot have ArcMap installed for some reason, we provide remote desktop as a backup option. You will be assigned an IP address of computers in the Remote Sensing lab (Holden Hall 221) that you can access through remote desktop. See the following for the remote desktop instructions.

## VPN

VPN stands for Virtual Private Network. It is required to access most of the TTU computation resources using off-campus computers. A TTU VPN connection authenticates your TTU credentials as an approved user who is allowed permission to access the TTU network. The setup of VPN on your own computer is straightforward; a software named GlobalProtect is basically what is needed. The TTU IT Help Central has a detail instructions on how to setup:

<https://www.askit.ttu.edu/portal/app/portlets/results/viewsolution.jsp?guest=0&solutionid=181128172423631&hypermediatext=null>

## Remote desktop

If you are on Windows system, remote desktop should already be there. Following the following instruction that TTU IT Help provided. **In the second step of the instruction, please use the IP address you are assigned to.**

https://www.askit.ttu.edu/portal/app/portlets/results/viewsolution.jsp?guest=0&solutionid=160524122638595&hypermediatext=null