TPO-Geo NGA Course Access & Software Req's Info Sheet

This Info Sheet is targeted at potential W2 ASI candidates. As a byproduct it provides info for gaining access to the NGA sites necessary for registering (https://learn.nga.mil) and accessing (https://geoint.blackboard.com/) various courses (both self-paced, and instructor lead). For questions comments, or corrections contact TPO-Geo at 573-563-8300.

NGA Blackboard and Learn.Mil access

GEOAxIS Portal: Requires CAC to complete the following steps.

Note: GEOAxIS Portal is the background site that runs "learn.nga.mil." The primary purpose of these steps are to validate your ".mil" email address. In order to (IOT) complete this step you will also need to have access to your ".mil" email to receive the validation email. If you are unable to contact the above POC, the GEOAxIS website helpdesk is HD Web – NCE at hdweb@nga.mil and can help with the following steps.
The following websites are SLOW to respond, after clicking "ok, submit, etc" DO NOT HAPPY CLICK. Give the website a few seconds to respond.

Step 1) Non-NGA users visit the GEOAxIS Portal (https://portal.geoaxis.gs.mil/) to make sure a valid record is in the system and verify their PKI Certificate. This will "register" your PKIs with the Gx system, and creates a record in the system.

TPO-Geo NGA Course Access & Software Req's Info Sheet

Step 2) After receiving the "Authentication successful" click the "Click here to continue" and you should be redirected to the portal. If not use (https://portal.geoaxis.gs.mil/user) to navigate to the portal and update your ".mil" email address under the profile portion at the top right of the page.
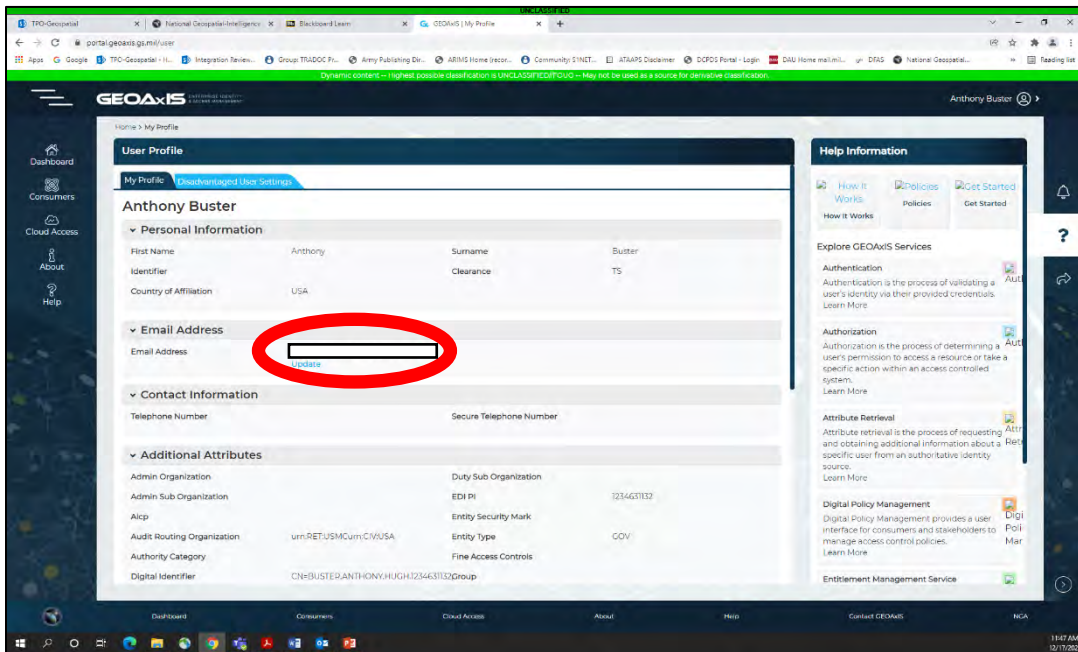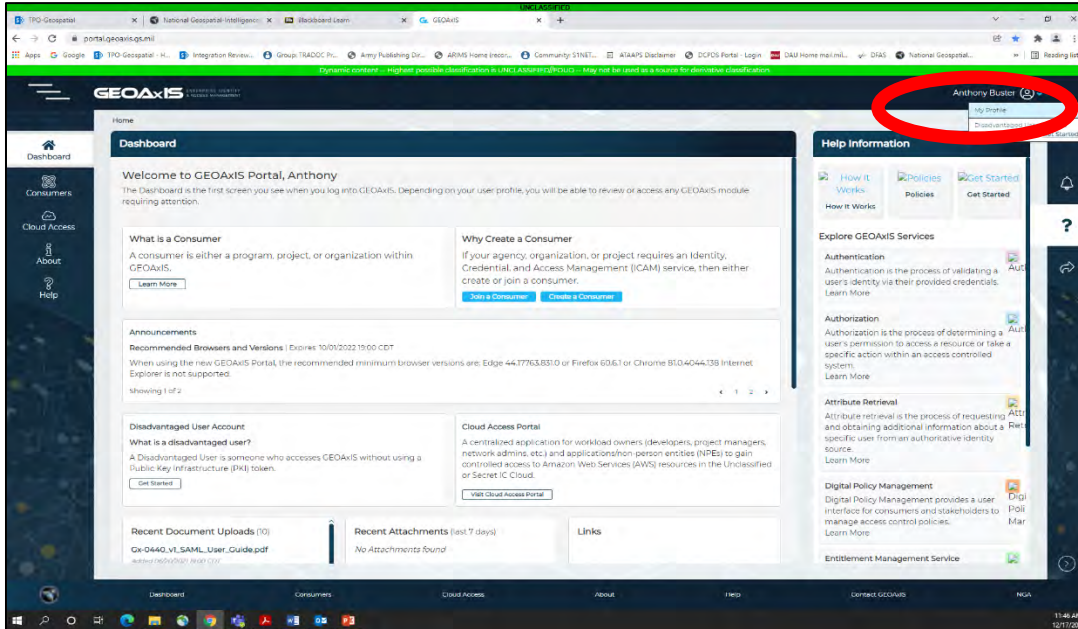
TPO-Geo NGA Course Access & Software Req's Info Sheet

Step 3) Once you have updated your email address you will receive and email to validate your email. Follow the directions to validate your email; once complete refresh the (https://portal.geoaxis.gs.mil/user) and verify you have a green check mark to the left of your email.
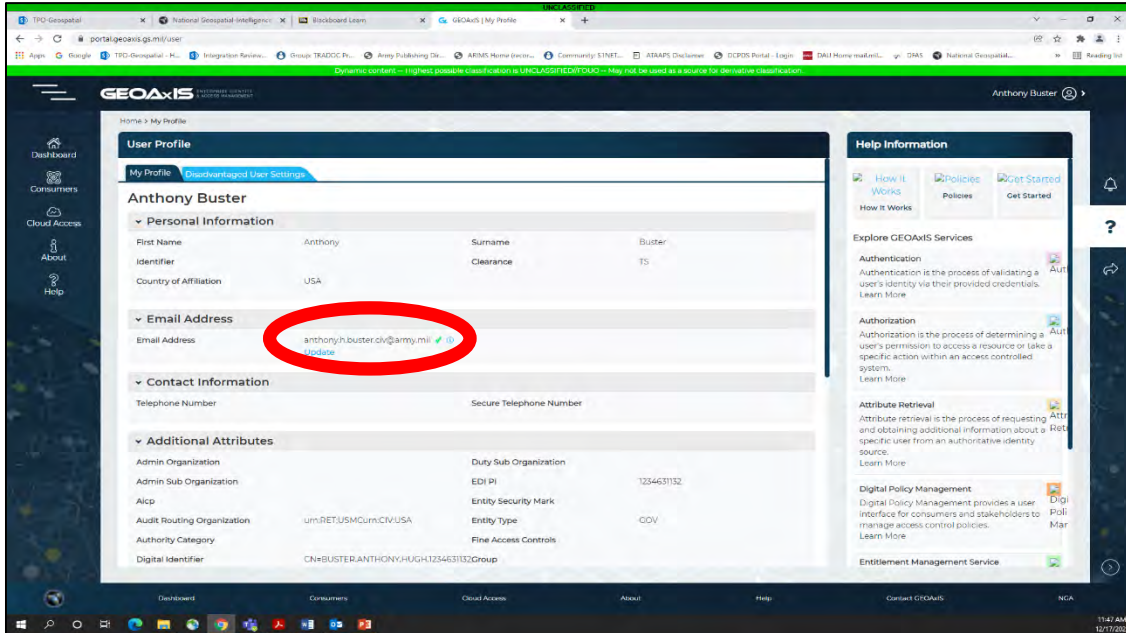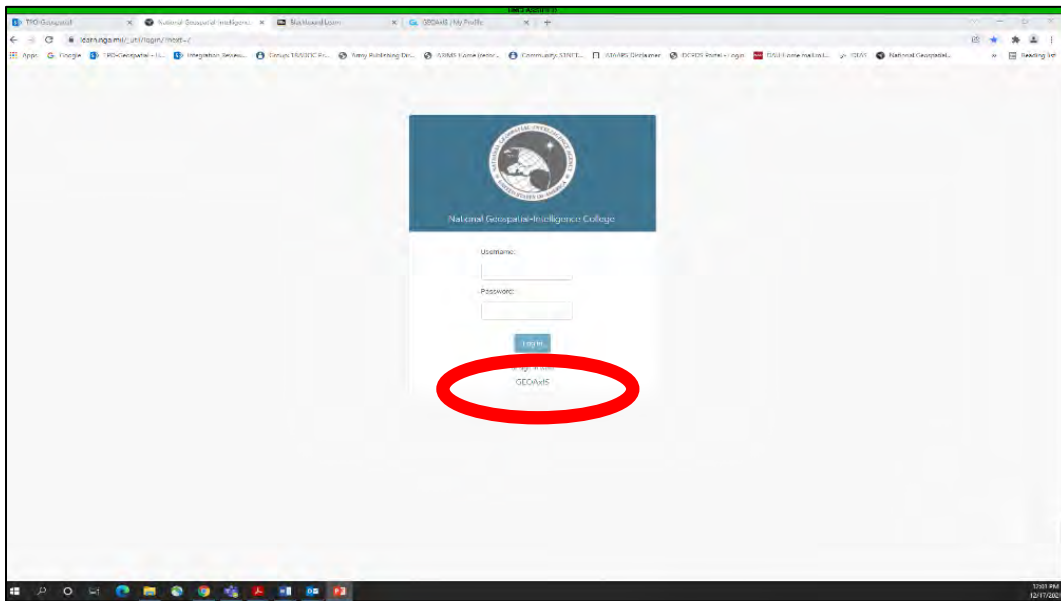

National Geospatial-Intelligence College: Requires CAC for access. You will ***NOT*** be given a Username and Password for this site.

Note: The National Geospatial Intelligence College learn.nga.mil site is used by NGA as the administrative site to search for and find details regarding upcoming courses, prerequisites, software and clearance requirements, etc., and for registering for courses. This is not the site you will actually conduct the course through. That is NGA Blackboard and will be covered next.

Step 1) Now that you have associated an email and validated your PKI certs for your CAC you can access the (https://learn.nga.mil) using your military CAC through the "GEOAxIS" sign in link.

TPO-Geo NGA Course Access & Software Req's Info Sheet

Now that you can access the **National Geospatial-Intelligence College** you can search the course catalog and conduct various searches to create training plans.
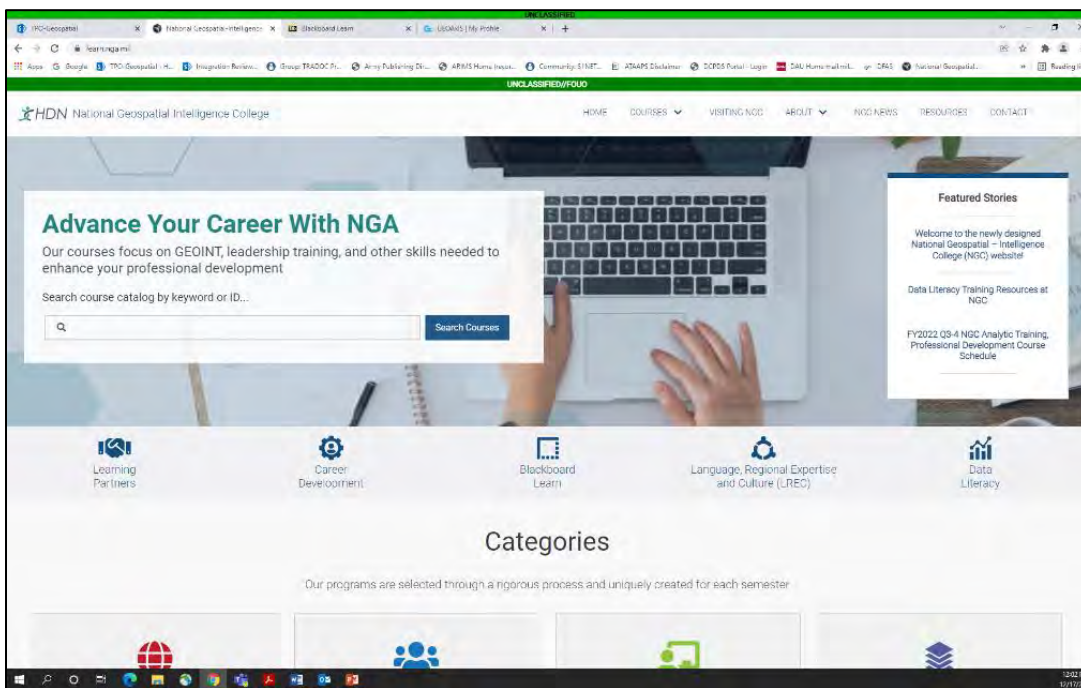
TPO-Geo NGA Course Access & Software Req's Info Sheet

NGA Blackboard: Requires Username and Password for access. This a ".com" site and the following steps outline the account request process. The previous steps are separate from, and do not necessarily need to be completed prior to requesting blackboard access. However, IOT complete the request for a username and password you will need to have access to your ".mil" email.

Note: The NGA Blackboard site is used by NGA as the course delivery site for self-paced CBT's and virtual instruction courses such as GIS 2101. Not all courses available through blackboard will be visible to the student. An example is GIS 2101 which will only be available once a student is successfully registered and then it will be visible in the student blackboard log-in just prior to the course start.

Step 1) Open (https://geoint.blackboard.com/) and read the instructions listed center page under "Request a Blackboard Account." Download and fill-out

Final_Non-NGA_Tng_Rqt_NGA_Form_1430-12_V1.pdf

and email that form to (NGCRegistrarNonNGAEnroll@nga.mil and NGCRegistrar@nga.mil) as listed in the instructions. The email needs to be from your ".mil" email to ensure you receive a username and password in a timely manner. Follow protocols for PII.


For Blackboard and technical Web-Based Training related issues, please contact the NGC Learning Technologies Team at 571-557-2700 Monday thru Friday from 0600 - 1600hrs U.S. Eastern Time or email them at NGCLearningTechnologies@nga.mil

TPO-Geo NGA Course Access & Software Req's Info Sheet

<u>Course Searches and Registering</u>

Using your military CAC log into (https://learn.nga.mil) and simply type the course you are desiring to attend (GIS2101, GIS3201, GEO2121) in the "search courses" block.
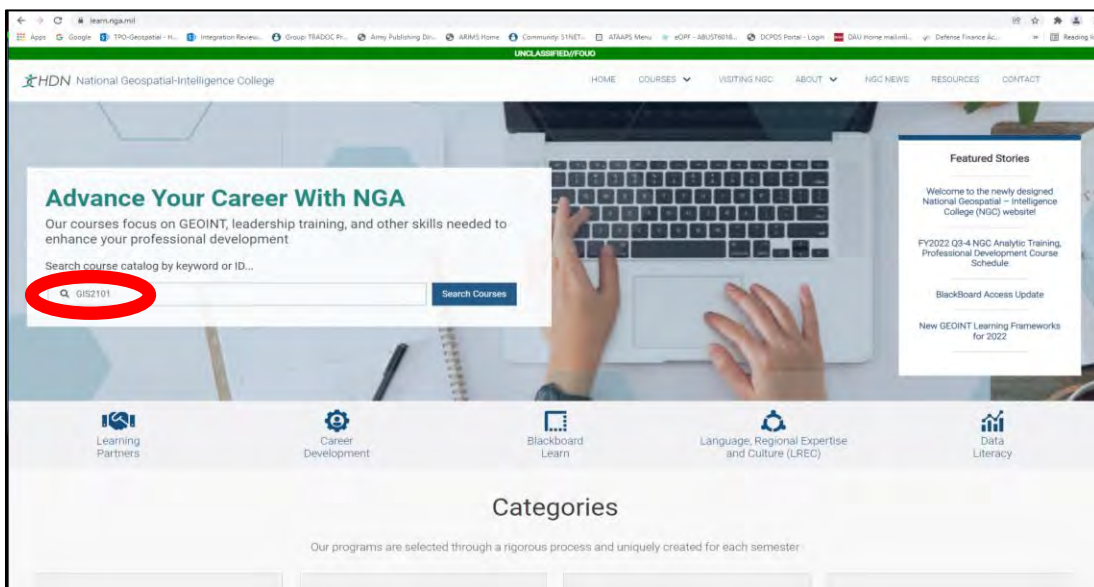
Choose the course you want to attend and this will show you a brief description of the course and pre-requisites if applicable. You may also see upcoming courses dates; however, if not populated *click on the "NGC Course Schedule" under the Resources tab on the right hand side to download a spreadsheet that outlines course details: class ID, dates, duration, facility (in-person, MTT, or virtual), seat availability, and notes.*

TPO-Geo NGA Course Access & Software Req's Info Sheet

Once registered, you will receive specific guidance and instructions regarding dates, times, software requirements, etc.

TPO-Geo NGA Course Access & Software Req's Info Sheet

ArcGIS Pro

Specifically for the GIS2101 and GIS3201 you will require ArcGIS Pro 2.7 or higher. NGA supplies the necessary software for the duration of the course for registered students. If you are using a personal computer you will be able to easily download and install ArcGIS as long as you have administrator rights to your computer. However, if you are using a government issued computer YOU will have additional constraints and steps to ensure you have the software downloaded and installed on your government issued computer.

If you are using a government issued computer you will need to submit a trouble ticket with your local NEC to have ArcGIS installed on your computer. It is imperative you action this immediately after receiving the download instructions from NGA.

TPO-Geo completed a testing and evaluation on a government Dell Latitude 5580 laptop, Win10, i7-CPU 2.80GHz, 8GB RAM, and 64-bit OS with a 21-day trial version of ArcGIS Pro 2.9. It took roughly 1 work day to get the Fort Leonard Wood NEC to telnet into the computer to facilitate the installation using their admin rights. Several full frame maps similar to the capstone exercise for GIS2101 where created and various models and scripts were utilized similar to the capstone in GIS3201 with no issues due to lag or processing power. With this in mind if your personal laptop is commensurate with or better than the aforementioned laptop you should not have any issues utilizing ArcGIS Pro 2.7 or higher for GIS2101 or GIS3201. At current time ArcGIS Pro does not work on MAC OS.