

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 (<u>https://learn.nga.mil</u>) and accessing (<u>https://geoint.blackboard.com/</u>) 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 <u>hdweb@nga.mil</u> 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 (<u>https://portal.geoaxis.gs.mil/</u>) 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.





Step 2) After receiving the "Authentication successful" click the "Click here to continue" and you should be redirected to the portal. If not use

(<u>https://portal.geoaxis.gs.mil/user</u>) to navigate to the portal and update your ".mil" email address under the profile portion at the top right of the page.







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 (<u>https://portal.geoaxis.gs.mil/user</u>) 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 (<u>https://learn.nga.mil</u>) using your military CAC through the "GEOAxIS" sign in link.





Now that you can access the **National Geospatial-Intelligence College** you can search the course catalog and conduct various searches to create training plans.





**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 (<u>https://geoint.blackboard.com/</u>) 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.

Geospatial - Homa	x D Files - OneDrive x S National Geospatia-Intelligence X	Welcome Anthony = Stackboard X G GEO/A/S   My Profile X 🚯 ATP 3-34.80 Geospatial Engl	ines: X +		
	blackboard.com/webasos/portal/execute/tabs/tabAction/tab_tab_eroup_id= 1.1				
-		. 🚱 ARUNS Home (recor. 👩 Community: STNET. 📄 ATAAPS Disclaimer 🚱 DCPOS Postal-Login 🚾 I	DAU Home mail mi DFAS O National Geospatial		
	dited for processing up to and including UNCLASSIFIED//FOUD	- A would have a community strate. If waters operating a personality of a	Anthony Buzzer		
incation is acciec	Sites for processing up to and mindoing onceasarreor root		T assessed and a		
		THE REAL PROPERTY AND ADDRESS OF THE PARTY O	My Institution Communities of Practice My He		
		11 4 4 4 A			
	Account holders accessing Blackboard from a personal or corporate devic	(U) CLASSIFICATION NOTICE INTERNING UNCLASSIFIED/FODD and UNCLASSIFIED/FUNDIS information. Interning view information, but an or to pomitted to create or download FOUD or LIMDIS inform them a SBU or MIFINET commented workstation are autoonced to create and download FOU	mation from Blackboard in accordance O or LIMDIS Information. Please visit the		
My Courses		NGC On Demand Course Catalog	Announcements		
	tou are not currently enrolled in any reuses.	MASTER CATALOG	ANNOUNCEMENTS		
		SkillSoft Professional Development Training	(U) NGA Employees (government, military, and contractor) with a CAC Starting Monday. Sophamber 27, 2021, you will be able to fog into Blackbard using your NGA sixed CAC. From the "Sign in with Indr pury soccum" drop-down above, select "NGA Employee GAC login" and proceed to follow the prompts Once logged in with a CAC, you will have the ability to setup a usernameropassword login (calded Disadvantagod User		
		Skills	Account on the GECONIS system, for when you do not have access to your CACCR reader. It is strongly recommended you satup the Disadvantaged User Account (U) NGA contractors without a CAC. Startling Monday, September 27, 2021, your username will change from a 7 digit to a 9-changeter username To obtain your		
	NGC Foreign Languages On-Demand Training	usormane, please contact. NGCLearningTechnologies@nga.mil.			
		that go	NGA On-Demand Help		
		Joint Language University	MY HELP		
		For information and how to use Mango and the Joint Language University click bere.			
For BI	lackboard technical issues and course credit questions please contact the NGC Learning	Technologies Team @ <u>NCCLearningTechnologies@pga.mil</u>			
(1) Our E	Business hours are Monday through Friday, 0680 - 1600 (Eastern Standard Time)				
0					

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 <u>NGCLearningTechnologies@nga.mil</u>



#### **Course Searches and Registering**

Using your military CAC log into (<u>https://learn.nga.mil</u>) 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.* 



		i i i i i i i i i i i i i i i i i i i		2.4		-
ational Geospatial- telligence College	GEOINT Learning	Warkfor	ce Learning	Instructor Training & Certificat	ion GE	DINT Professional Certification
RI	Filter By Curriculum:					
	Date Range:		Location:		Online Classes:	Active Classes
killSoft					0	0
	Applied Filters: O NGC Con	urnen 🗿 Keyword: GIS2101	Reset All Filters			
	Showing 1 to 4 control of filtered	from 10,969 total entries)		(He Tale)		
	NGC   GEOINT LEARNING   GEOSPATIAL ANA	LYSS NGC   GEORYT LEARNIN	IG I GEOSPATIAL ANALYSIS	NGC   GEOWT LEARNING   GEOSPATIAL ANAL	VERS NGC   GEOW	FLEARNING   GEOSPATIAL ANALYSIS
	(U) Fundamentals of Geographic Inform Systems (GIS)	Fundamentals of Ge Systems (GIS2101)	ographic Information Equivalency Test	(U) Intermediate GIS for Analysis	(U) Migratir	ig to ArcOIS Pro
	0652101	152111		6453201	0153202	
	This course is designed for the beginner GIS L providing a working foundation is the concept application of bit, with an emphasis on using	uter: // This course is a les to and maxime students fam the late	- sut-option designed to narity with the skills and territy at 0 deographic	Trie course retreshes and builds on the fundar taught in 0H22101 and other introductory dis o you will focue on using #robiti to conduct geor	ourses and other Still	ulida on fundamentais Guagel III Gild2107 Cauture miniding Intermediate (or Gil) 2201) and Deodetabases (055001)
		•	•		0	
						Previous 1
C      Kerningsmil/tournet/tourne-description/     G Google      The Geospital - H.      Miningsaton Review.     C     Miningsaton Review.     C		ARIAS Home     O     Community 3	NET 🗐 ATAAPS Menu	eCRF - ABUSTBOTB 👌 DCPCS Ponal - Login	And a second sec	
M G Goope () 770 Geopetal (H. () Impactor Review. () musting using minimary Trimary munimeters 1200 CT. FL MTTRa Vorkdown ()	amstein AB Germany MTT- VA NCE College Classrooms Bing 36 Via Virtual (Webex and	ABMS Hamp     O     Community S     Community     S	NET 🔲 KOLATS Meny 🍵	ečet - Alustiona, 👌 Dotos funki - Loger	CAU Home malority NGC Course Catalog NGC Course Schedu	E
n G Google () TRO Grosseni (h. () Imgaton Roma, () mutang waya manang runnag numuna ang 1200 CT Verstown NCW-Build	amstein AB Gernany MTT- VA NCE College Classrooms ding 36 Via Virtual (Webex and	ARMS Hame     O     Community 3     Selfication: UNICLASSIFIED	NET. 🛛 KTAATS Many 🍵	ectr - Allectrature 🔇 Cottes Frenk - Lage	NGC Course Catalog	E
n & Coope D Tho Grouped III. D Insporton Norm. C montany ways manuary T- mag normation 1200 CT PL MTRA Vortaban SRV Back	In room of the first body were and the mattern AB Germany MTT- VA NGC College Classrooms ang 36 Via Vintual (Webex and Nonis Class	silication UNCLASSFED			NGC Course Catalog NGC Course Schedu Non-NGA Studenta	E
Coope     Organismus (Conservation)     Organismus (Conservat	In I Noor I He I He a Keel Heet antition AB General With VA NCE College Classrooms ang 36 Via Vinsal (Webels and I None) Class on a working foundation in the concepts a	silication UNCLASSFED			NGC Course Catalog NGC Course Schedu Non-NGA Students REGISTR/ NGA Liters	ATION NEXT STEPS
Coope      Organism of despend +     Organism of the operation of the	In a noor in the Initia local week and the AB Germany MFT. VA NGE College Classifications and 36 Via Vertual (Weeker and Class of a weeking foundation in the concepts a so is or techniques implement the S	selfication: UNICLASSIFIED and application of GIS, with an e	mphases on using the laters		NGC Course Catalog NGC Course Schedul Non-NGA Students REGISTR/ NGA Liters Course registration is a - Copy and save C	ATION NEXT STEPS
G douge      Or descense -      D requests two -      Counce Prerequisites: 1 Required Home 2 Recommended     Or the course is designed for the beginner GIS user, provide     Of the course is designed for the beginner GIS user, provide     Of the course Objectives:	In cross of the transformer Metric An Archic College Classmooms Sing 36 Via Vetual (Webek and Class of a working foundation in the concepts a working foundation in the concepts a class of techniques limplement the collem Conduct bata editing, basic	selfcation: UNICLADERED and application of BIS, with an e Upcoming Courses:	rephase on using the lates Location: LITTR	t NGA-approved version of Ean	NGC Course Catalog NGC Course Schedul Non-NGA Students REGISTR NGA Liters Course registration is a Course registration is a Course registration is a Date(s) and Low Date(s) and Low Course registration is a Course registra	ATION NEXT STEPS ATION NEXT STEPS An obviouse the and ID Ation Courses Star
Coope      Organization to an advect of the beginner GS user, provide Course Prerequisites: 1 Required None 3 Recommended     Order Objectives:     Prepare data for analysis using the appropriate GS analysis to be a greaged and	In a noor in the Fin an occur were attended a Germany MTT- VA NCE College Classrooms ang 36 Via Vinsal (Webes and c. None. Class ing a working foundation in the concepts a second sector of the concepts a de or techniques implement the cobiert Conduct data editing, basic	selfcation: UNCLASSIFIED and application of GIS, with an e Upcoming Courses: Start Date: Feb. 7, 2022	rephase on using the later Location MTT-R Location Via Via	t NGA-approved vension of Ean andem AB Germany	NGC Course Catalog NGC Course Schedul Non-NGA Students REGISTR NGA Liters Course registration is a Copy and save C Copy and save C	ATION NEXT STEPS ATION NEXT STEPS workbile for NGA users on NGAMe lowerse the and ID referred Upcoming Courses Star ation() lesSoft My Learning page on the naming page, select Search NGA
Coope      Organization to an advect of the beginner GS user, provide Course Prerequisites: 1 Required None 3 Recommended     Order Objectives:     Prepare data for analysis using the appropriate GS analysis to be a greaged and	In coor of the time base two mattern AB Center WHT. VA NGE College Classrooms and 38 Via Vetual (Witees and chone Class of a working foundation in the concepts a set or techniques implement the collene Conduct data editing, basic set	selfication: (PicLASSFIED and application of GIS, with an e Upcoming Courses: Start Date: Feb. 7, 2022	rephase on using the later Location MTT-R Location Via Via	th GA-approved version of Ean ensteen AB Germany uai (Weber and SBL Box Alega Classrooms	NGC Course Catalog NGC Course Schedu Non-NGA Students REGISTR/ NGA Users Course registration is in Course registration is in Scheduling and the Data(s) and the Data(s	ATION NEXT STEPS
Coope      Organization to an advect of the beginner GS user, provide Course Prerequisites: 1 Required None 3 Recommended     Order Objectives:     Prepare data for analysis using the appropriate GS analysis to be a greaged and	In cross of the time local local and tools of the time local local and 36 Via Vietual (Wieles and choose of the concepts a discriment of the concepts a discrimen	selfcation: UHCLASSIFIED and application of Bits, with an e Upcoming Courses: Start Date: Feb. 71, 2022 Start Date: Feb. 28, 2022	rephase on using the lates Location: MTER Location: Vice Vice Location: Vice O Location: Vice O	th GA-approved version of Ean ensteen AB Germany uai (Weber and SBL Box Alega Classrooms	NGC Course Catalog NGC Course Schedu Nor-NGA Students REGISTR/ NGA Liters Course registration is a Course registration is a Course registration is a Course may be a Scheduling of the second Scheduling of the second Nor-NGA Liters Non-NGA Liters - Copy and save C	ATION NEXT STEPS ATION NEXT STEPS ANIADIE for NG4 users on NGANe course this and ID referred Upcoming Dourses Stars story() seGoff My Learning page on the earning page, select Search NGA in the chasting ID field and ment steps course this and ID
Coope      Organization to an advect of the beginner GS user, provide Course Prerequisites: 1 Required None 3 Recommended     Order Objectives:     Prepare data for analysis using the appropriate GS analysis to be a greaged and	In cross of the time local local and tools of the time local local and 36 Via Vietual (Wieles and choose of the concepts a discriment of the concepts a discrimen	selfication: UNCLASSIFIED and application of DiS, with an e Upcoming Courses: Start Date: Feb. 1, 2022 Start Date: Feb. 14, 2022 Start Date: Feb. 18, 2022 Start Date: March 7, 2022	rephase on using the lates Location: MTER Location: Vice Vice Location: Vice O Location: Vice O	t NGA-approved version of Ear anateuri AB Germany Leaf Weber and SBU Blact Vege Classrooms redown VA	NGC Course Catalog NGC Course Schedul Nor-NGA Students REGISTR NGA Liters Course registration is a Course registration is a Course may and save p Date(s) and Loc Go to your Peop NGA View From your Mp Li Course Catalog From your Mp Li Course Catalog From your Mp Li Course Catalog From your Mp Li Course Catalog Course Cours	ATION NEXT STEPS ATION NEXT STEPS ANIABLE for NG4 users on NG4Ne course this and IO referend Upcoming Dage on the amming page, select Search NG4 actions page, select Search NG4 actions page, select Search NG4 actions the and ID referend Upcoming Dourse Start abon(s) Course this and ID Course this
Coope     C	In cross of the time local local and tools of the time local local and 36 Via Vietual (Wieles and choose of the concepts a discriment of the concepts a discrimen	selfication: UNCLASSIFIED and application of DiS, with an e Upcoming Courses: Start Date: Feb. 1, 2022 Start Date: Feb. 14, 2022 Start Date: Feb. 18, 2022 Start Date: March 7, 2022	rephase on using the lates Location: MTER Location: Vice Vice Location: Vice O Location: Vice O	t NGA-approved version of Ear anateuri AB Germany Leaf Weber and SBU Blact Vege Classrooms redown VA	NGC Course Catalog NGC Course Schedu Non-NGA Students REGISTR/ NGA Users Course registration is a Course registration is a Prom your My Li Course Catalog Catter of your Peop NGANet Prom your My Li Course Catalog Catter of wome Non NGA Users Coopy and save D Data(s) and Loc Data(s) and Loc	ATION NEXT STEPS  ATION NEXT STEPS  ATION NEXT STEPS  ADDOCTOR DOCTOR  AND A DOCTOR  ADDOCTOR  ADDOCTOR ADDOC
G Coupe () The Generatin K. () Reporter Nove. ( For Section 2015 () () () () () () () () () () () () ()	In cross of the time local local and tools of the time local local and 36 Via Vietual (Wieles and choose of the concepts a discriment of the concepts a discrimen	selfication: UNCLASSIFIED and application of DiS, with an e Upcoming Courses: Start Date: Feb. 1, 2022 Start Date: Feb. 14, 2022 Start Date: Feb. 18, 2022 Start Date: March 7, 2022	rephase on using the lates Location: MTER Location: Vice Vice Location: Vice O Location: Vice O	t NGA-approved version of Ear anateuri AB Germany Leaf Weber and SBU Blact Vege Classrooms redown VA	NGC Course Catalog NGC Course Schedu NGC Course Schedu NGC Course Schedu REGISTR/ NGA Liters Course registration is J Course registration is J Course Catalog NGANet Prom your My L Course Catalog Enter on your Peop NGANet Prom your My L Course Catalog Enter on your My L Course C	ATION NEXT STEPS  ATION NEXT STEPS  ATION NEXT STEPS  ADDUST A Control Course Start ator()  ASO(1 M/ Learning page on the ator()  ASO(1 M/ Learning page on the ator()  Course title and ID  Aster I Containing Course Start ator()  Course title and ID  Aster I Containing Course Start ator()  Course title and ID  Aster I Containing Course Start ator()  Course title and ID  Aster I Containing Course Start ator()  Course title and ID  Aster I Containing Course Start ator()  Course title and ID  Aster I Containing Course Start ator()  Course title and ID  Aster I Containing Course Start ator()  Course title and ID  Aster I Course Course  Aster I Course  As

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



#### **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.