# Overview of the Workshop Curriculum

<table>
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<tr>
<th>Date</th>
<th>Topic</th>
<th>Mode of delivery</th>
</tr>
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<tr>
<td>July 1, 2019</td>
<td>Introduction to Geographic Information System and Data Models. (Preparing for Presentation)</td>
<td>Lecture, Hands-on and multi-media</td>
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<tr>
<td>July 2, 2019</td>
<td>Geodatabase, Digitization and Geoprocessing. (Preparing for Presentation)</td>
<td>Lecture, Hands-on and multi-media</td>
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<td>July 3, 2019</td>
<td>Spatial Analysis-1. (Preparing for Presentation)</td>
<td>Lecture, Hands-on and multi-media</td>
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<tr>
<td>July 8, 2019</td>
<td>Spatial Analysis (Challenge task 1). (Preparing for Presentation)</td>
<td>Lecture, Hands-on and multi-media</td>
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<tr>
<td>July 9, 2019</td>
<td>Spatial Analysis (Challenge task 2). (Preparing for Presentation)</td>
<td>Lecture, Hands-on and multi-media</td>
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<tr>
<td>July 10, 2019</td>
<td>Spatial Analysis for Health. (Preparing for Presentation)</td>
<td>Lecture, Hands-on and multi-media</td>
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<tr>
<td>July 11, 2019</td>
<td>Spatial Analysis for Health (Challenge). (Preparing for Presentation)</td>
<td>Lecture, Hands-on and multi-media</td>
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<tr>
<td>July 15, 2019</td>
<td>Spatial Analysis for Environmental Science. (Preparing for Presentation)</td>
<td>Lecture, Hands-on and multi-media</td>
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<td>July 16, 2019</td>
<td>Spatial Analysis for Environmental Science (Challenge). (Preparing for Presentation)</td>
<td>Lecture, Hands-on and multi-media</td>
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<td>July 17, 2019</td>
<td>Spatial Analysis for Education. (Preparing for Presentation)</td>
<td>Lecture, Hands-on and multi-media</td>
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<td>July 18, 2019</td>
<td>Spatial Analysis for Education (Challenge). (Preparing for Presentation)</td>
<td>Lecture, Hands-on and multi-media</td>
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<tr>
<td>July 22, 2019</td>
<td>Network Analysis -1. (Preparing for Presentation)</td>
<td>Lecture, Hands-on and multi-media</td>
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<td>July 23, 2019</td>
<td>Modeling spatial data. (Preparing for Presentation)</td>
<td>Lecture, Hands-on and multi-media</td>
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<td>July 24, 2019</td>
<td>Guest Lecture (Industry)</td>
<td>Lecture, Hands-on and multi-media</td>
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<tr>
<td>July 25, 2019</td>
<td>Preparing for Presentation</td>
<td>Lecture, Hands-on and multi-media</td>
</tr>
<tr>
<td>July 29, 2019</td>
<td>Final Presentation, Closing, and Photo Shoot</td>
<td>Lecture, Hands-on and multi-media</td>
</tr>
</tbody>
</table>
1. **Print Name** ______________________  ______________________  _______________
   LAST          FIRST          M.I.

2. **OSIS #** ____________________________

3. **Age:** ______  **Sex:**       Female   Male  **Race/Ethnicity:** ______________

4. **Name of Middle School:** ______________________________________________________
   **Address of Middle School:** _____________________________________________________
   ____________________________________________________________

   **Grade Level:** _____  **GPA:** ______

5. **Current Home Address:**
   ________________________________________________________________
   ________________________________________________________________
   ________________________________________________________________
   ________________________________________________________________
   APT#          CITY          STATE          ZIP CODE

6. **Contact Information**
   (____)___________________________  __________________________
   MOBILE          EMAIL

7. **Emergency Contact**
   ____________________________________________________________
   ____________________________________________________________
   (____)___________________________  __________________________
   NAME          EMAIL          PHONE NUMBER
   ____________________________________________________________
   ____________________________________________________________
   (____)___________________________  __________________________
   NAME          EMAIL          PHONE NUMBER
8. Questionnaire (Please answer questions in the form)

How do maps help us in our daily lives? Give one example and explain briefly.

____________________________________________________________________________________________________
____________________________________________________________________________________________________
____________________________________________________________________________________________________

Give an example of how you used computers in a school project?

____________________________________________________________________________________________________
____________________________________________________________________________________________________
____________________________________________________________________________________________________

Which careers interest you the most?

____________________________________________________________________________________________________
____________________________________________________________________________________________________
____________________________________________________________________________________________________

Can maps help in managing emergencies? Explain briefly by giving an example.

____________________________________________________________________________________________________
____________________________________________________________________________________________________
____________________________________________________________________________________________________

9. Comment by parents/guardian: This technology workshop program is aligned to my daughter/son's specific interest and is in line with her/his broader career pursuits.

Signature of the Parent/guardian ________________________________
Print Name ________________________________
Contact phone # ________________________________

10. Reference Information (Provide a name, email id and phone number of a teacher who knows you very well and can send us a recommendation letter describing your character and discipline in learning)

Name: __________________________________________________________
Email ID: _________________________________________________________
Phone number: ___________________________ Work/Office number: ________________

Submit the completed application form (as a scanned attachment) to Dr. Sunil Bhaskaran, the director of the program by the 10 June, 2019. His email id is Sunil.Bhaskaran@bcc.cuny.edu

Note: Only those applicants who are shortlisted will be contacted. Unless you get a written email confirmation you must not assume you are selected for the workshop.
Participants Agreement Letter

Brief description of the program:

The workshops will provide selected participants with an opportunity to learn about Geospatial Technology and its applications. Carefully designed sessions will give them an opportunity to learn about spatial technology and get hands-on training at the Geospatial Computing Center. Interactions with experts from the Industry will inform them about exciting courses and careers in geospatial industry. The workshop is designed to enthuse and inform the participants about spatial concepts, spatial thinking and the world of Geospatial Technology. It will provide a rare opportunity for them to learn an emerging technology and earn a handsome stipend.

Participant Responsibilities:

I will work in a committed and diligent manner to deliver the tasks (given below) that are expected of me in this program. Additionally, I will do the following below:

1. Attend all workshop sessions on time and sign-in and out the attendance sheet.
2. Submit important documents such as DOs and DONT’s, photo release and data collection forms in a timely manner.
3. Submit all tasks assigned and answer all questions at the end of each exercise
4. If for any reason, an emergency situation happens and cannot attend a session, I will communicate on time with my instructor and I will provide appropriate documentation to justify my absence. I will also make up the exercise of that particular session in the next session either by coming in earlier or staying after the workshop session ends.
5. I will keep a good behavior at the lab and talk and treat with respect my instructors and classmates.
6. Prepare a high-quality PowerPoint presentation with a topic assigned by my instructor, which I will present at the closing ceremony of the workshop.

I understand that if I do not abide by the above I may not be eligible for the stipend.

Signature (Parent) _____________________________________________

Print your name (Parent) _____________________________________________