

Mr. Xinxia Jiang

Professor – GISC9314 December 8, 2015  
Niagara College GISC9314-D4  
135 Taylor Road  
Niagara-on-the-lake, ON  
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Dear Mr. Xinxia Jiang   
  
Please accept this letter as our formal submission of Assignment 4: Total Station Survey Using Nikon NPR-332 or DTM-322– Group 1 for Mike Bar, Travis Vanos and Oreva Oputeh– Travis Vanos (33% Contribution), Mike Bar (33% Contribution) and Oreva Oputeh (33% contribution). The works were completed with Mike Bar as the Party chief, Travis Vanos as Instrument Operator and Oreva Oputeh as Rod Person. The purpose of this assignment is to successfully gain the required skills to preform, map and calculate corrections for a completed Total Station survey of the Niagara College grounds. The following sections will be fulfilling the deliverables as outlined in the GISC9314-D4 requirements. The following procedures to be covered include, but are not limited to:

* Practicing the proper surveying principles and field note-booking standards
* To learn how to operate a field TSS using the Nikon 302 Series
* To process the surveyed point data and create different GIS featureclasses
* To generate raster dataset, such as DEM, from the field surveyed point data

Following the assignment procedures, please find the required material attached electronically and in Digital form. Should you have any questions regarding the enclosed documents, please contact Mike Bar or Travis Vanos at your convenience at [Mikebar@outlook.com](mailto:Mikebar@outlook.com) or [travis.vanos@gmail.com](mailto:travis.vanos@gmail.com). We eagerly await your comments and suggestions.  
  
Sincerely,

Mike Bar,  
 Party Chief - GIS/GM Candidate, Niagara College