



Geomatics Engineering Courses at York University 2020-2021

Notes:

- The Geomatics Engineering program is CEAB and CBEPS accredited.
- Many courses have been offered in a blended format (both in-class and on-line lectures in parallel) for many years.
- All Fall 2020 courses will be offered completely on-line this year.
- A decision on Winter 2021 courses is pending, but most courses will be offered in at least a blended format, if not fully on-line.
- Course descriptions can be found at: <https://w2prod.sis.yorku.ca/Apps/WebObjects/cdm>. Click on "Subject" link, then Session "Fall/Winter 2020-2021" and Subject "ESSE"

SEPTEMBER – DECEMBER 2020

ESSE 3600 GIS and Spatial Analysis

ESSE 3610 Geodetic Concepts

ESSE 4220 Remote Sensing of the Earth's Surface

ESSE 4630 Image Processing for Remote Sensing and Photogrammetry

ESSE 4640 Digital Terrain Modelling

ESSE 4660 Cadastral Studies

ESSE 4690 Advanced 3D Geospatial Techniques

(con't)

JANUARY – APRIL 2021

ESSE 2615 Fundamentals of Geomatics Engineering

ESSE 2640 Measurements and Least Squares Estimation (Formerly Adjustment Calculus)

ESSE 3020 Global Geophysics and Geodesy

ESSE 3630 Analysis of Overdetermined Systems

ESSE 3640 Geodetic Surveys

ESSE 3650 Photogrammetry

ESSE 3670 Global Navigation Satellite Systems

ESSE 4600 GIS and Data Integration

ESSE 4620 Physical and Space Geodesy

ESSE 4650 Hydrography

ESSE 4670 Survey Law

APRIL – MAY 2021

ESSE 2620 Fundamentals of Surveying

ESSE 2630 Field Surveys

ESSE 3660 Advanced Field Surveys