

List of online courses available to satisfy the requirements outlined on page 4 of the CHCP Candidate Handbook:

Course exemptions, by institutions as well as the dates they are valid, can be found here <https://cbeps-cceag.ca/candidates/exemptions/> at the bottom of the page.

| Item | Subject | On-line courses | Institution |
|-------------|--|--|---|
| C1 | Mathematics | Must be successful in following 5 courses: MATH 265 Introduction to Calculus I MATH 266 Introduction to Calculus II MATH 270 Linear Algebra I MATH 271 Linear Algebra II and MATH 365 Calculus - Several Variables MATH 1003: Introduction to Calculus I MATH 1013: Introduction to Calculus II MATH 1503: Linear Algebra MATH 2513: Multivariable Calculus | Athabasca University UNB |
| C2 | Least-Squares Estimation and Data Analysis | GEOM 8353 – Special Topics in Adjustments GGE 3111: Introduction to Adjustment Calculus GGE 3122: Advanced Adjustment Calculus | BCIT UNB |
| C4 | Coordinate Systems and Map Projections | GEOM 7362 – Geodetic Positioning I and SURV 3363 – Mathematical Cartography) GGE 3042: Introduction to GNSS GGE 3423: Introduction to GIS GGE 4211: Geodesy II ENGO 333: Computing for Geomatics Engineers ENGO 351: Introduction to GIS ENGO 421: Coordinate Systems | BCIT UNB UofC |
| C5 | Geospatial Information Systems | GGE 3423 Introduction to Geographic Information Systems and GGE 4423 Advanced Geographic Information Systems ENGO 351: Introduction to GIS | UNB UofC |
| C6 | Geodetic Positioning | GEOM 7362 Geodetic Positioning I and GEOM 8162 Geodetic Positioning II GGE 3042: Introduction to GNSS GGE 4211: Geodesy II | BCIT UNB |
| C7 | Remote Sensing and Photogrammetry | Must be successful in following 3 courses: ESSE 3650 Photogrammetry ESSE 4640 DTM and GIST 8118 GIS Remote Sensing GGE 3342: Remote Sensing GGE 4313: Photogrammetry ENGO 435: Remote Sensing | York University York University BCIT UNB UofC |
| C12 | Hydrographic Surveying | ESSE 4650 Hydrography GEOM 8310 Hydrographic Surveying | York University BCIT |