



A. Y. Jackson S. S.
www.ayjackson.ca

CGT3E
Geographics: The Geographer's Toolkit
Grade 11, , Workplace Preparation

nGeneral Course Information

Prerequisite:	Grade 9 Geography
Department:	Canadian and World Studies Room 133, 416-395-3140 ext. 20085
	Email: ayjhistory@gmail.com
Extra Help:	Book by appointment.
Material Required:	USB, Notebook and Writing Utensils

Course Description

This course examines the use of geotechnologies, cartography (various forms of mapping), remote sensing and geographic information systems (GIS) in the workplace, with emphasis on applications relevant to business, government, and the local community. Students will acquire practical experience in the collection, manipulation, interpretation, and display of geographic information. They will develop their skills in areas such as desktop mapping, graphic presentation, image interpretation, database management, and GIS analysis. Geographics is a geography course and not a computer course and although this course is driven by technology it is the geography skills and content which are emphasized. There is a course fee of \$10 as students will be printing out many assignments and everything is done on the computer.

The course is organized into 5 strands:

- Geographic Foundations: Space and Systems, Human-Environment Interactions, Global Connections, Understanding and Managing Change, Methods of Geographic Inquiry and Communication.

A detailed list of the course expectations can be found at <http://www.edu.gov.on.ca/eng/curriculum/secondary/canworld1112curr.pdf>.

Assessment and Evaluation

To promote student success, ongoing assessment and feedback will be given regularly to the students. A variety of assessment and evaluation strategies will be used in this course, including powerpoint presentations, urban planning assignments, practical online tests, written reports, various forms of maps, oral business-type presentations. Expectations will be evaluated based on the provincial curriculum expectations and the achievement levels outlined in the ministry document. Expectations are organized into four categories of knowledge and skills. The categories and their corresponding weighting is as follows:

Knowledge and Understanding	25%
Thinking	25%
Communication	25%
Application	25%

Each student's final mark will be in the form of a percentage grade based on their achievement in the 4 categories on the achievement chart. The breakdown of the final mark is as follows:

Term Evaluation	70%
Final Evaluation	30%

The final Evaluation will be completed during the final 6 weeks of the course and may include a variety of summative activities including an exam, a presentation, a seminar, or an essay or another writing assignment.

In addition to students' performance in the achievement categories, students will also be assessed on their performance in the following learning skills:

- Responsibility
- Organization
- Independent Work
- Collaboration
- Initiative
- Self-Regulation

For specific policies on assessment and evaluation, and academic honesty, please refer to *School Procedures* in the student agenda.



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Units of Study and software used:

Units:

1. GIS Fundamentals/Essentials
2. Geotechnology in a Changing World – A look at World Issues
3. Human Interactions in the Physical World
4. Business Geographics in the Community and Urban Planning
5. Culminating Business Project: Revamping Downtown Toronto

Programs/Technology used in the course include: ArcGIS, Google Maps/Earth, Microsoft Powerpoint, GPS systems, Relevant Mapping Programs/Data, Stratologica

Essays and Citations:

- All papers must include embedded citations in proper MLA formatting.
- Refer to Library Website, Citationmachine.net, or the MLA Website (MLA generator), Easybib.com, Essays without citations will not be accepted or given a mark accordingly.
- All essays are FORMAL (no I, you, etc). All essays need to have an ARGUMENT and with embedded citations.

CLASSROOM EXPECTATIONS

Classroom expectations are in place in order to ensure a safe & comfortable environment for all members of the class.

Please speak with me if you have any questions or concerns.

1. Respect all people and property. This includes listening to and respecting all members of the class.
2. Bring all texts and supplies (eg. paper, pens, & other items) necessary for class.
3. Complete your homework daily.
4. Come to class on time each day.
5. It is *your* responsibility to catch up on any work that you missed due to absence. This includes any missed tests. *You* should notify the history office before class and explain that you will be away. *You* must arrange a time and place for a make-up test when you return to class.
6. Provide a note from a parent/guardian the day you return from an absence.
7. Call the history office (416 395 3140 x20085) if you are going to be away.
8. All cell phones, ipods or any other electronic device should be in your **locker**. If they go off in class, they will be confiscated.