



**Course Outline**

**ENVIRONMENTAL TECHNOLOGY**

**WRITE 103**

**WRITING FOR SCIENCE UNDERGRADUATE STUDENTS**

**Fall 2013**

**3 CREDITS  
3 HOURS PER WEEK**

**INSTRUCTOR: JANE JACQUES**

**INSTRUCTOR:** Jane Jacques  
**PHONE NUMBER:** (780) 791-4836  
**E-MAIL:** jane.jacques@keyano.ca  
**OFFICE NUMBER:** S211-D

**OFFICE HOURS:**

Monday	10:00 – 10:50 AM
Tuesday	1:00 – 1:50 PM
Wednesday	11:00-11:50 AM 3:00-3:50 PM
Thursday	10:00 – 10:50 AM

**HOURS OF INSTRUCTION:**

Monday	3:00 – 4:50 PM	Room 267
Thursday	1:00 – 1:50 PM	Room 215

**COURSE DESCRIPTION:**

This course provides intensive writing practice to help students improve their ability to communicate clearly in writing. By studying examples and applying principles of scientific writing to a variety of contexts, students will develop their skills in writing expository, analytical, technical, and persuasive prose. They will also learn to analyze and evaluate argumentation and to apply those skills to their own written presentations.

**PRE-REQUISITE(S):**

English 30-1 or equivalent

**COURSE OUTCOMES:**

Upon successful completion of this course, students will be able to:

- Adapt writing to different audiences and genres, with an environmental emphasis.
- Develop a proposal, review scientific literature and write a comprehensive report to demonstrate an understanding of environmental research.
- Plan, draft, review, edit and proofread written work to university standards.
- Apply guidelines to give and receive useful feedback during peer editing sessions in order to facilitate continuous improvement.

**REQUIRED RESOURCES:**

Northey, M., Knight, D., & Draper, D. (2012). *Making sense: A student's guide to research and writing in geography and environmental sciences*. 5<sup>th</sup> ed. Don Mills, ON: Oxford University Press.

**TOPICS TO BE COVERED:****Please Note:**

This course outline may be modified to facilitate unforeseen time constraints. Date and time allotted to each topic is subject to change.

DATE	TOPIC	READINGS	ASSIGNMENTS	OTHER
Sept. 5	Introduction to course			
Sept. 9-12	Audience and purpose in scientific writing	Chapter 1: pages 1-17	In-class writing 1 Sept. 9	
Sept. 16-19	Writing the observation	Chapter 11: pages 171-183		Observation assignment given Sept. 16
Sept. 23-26	Writing the observation	Chapter 13: pages 214-220	In-class writing 2 Sept. 23	<b>Observation draft workshop Sept. 26</b>
Sept. 30-Oct. 3	Summary writing	Chapter 4: pages 66-68	In-class writing 3 Sept. 30 <b>Observation assignment due Oct. 3</b>	Summary assignment given Sept. 30
Oct. 7-10	Writing the interview	Chapter 14: pages 221-237	In-class writing 4 Oct. 7 <b>Summary due Oct. 10</b>	Interview assignment given Oct. 7
<b>Oct. 14</b>	<b>THANKSGIVING</b>	<b>DAY</b>	<b>COLLEGE</b>	<b>CLOSED</b>
Oct. 17	Writing the interview			<b>Interview draft workshop Oct. 17</b>
Oct. 21	Assessing web research	Chapter 2: pages 30-41	In-class writing 5 Oct. 21	Online assessment assignment given Oct. 21
Oct. 24	Library class		<b>Interview due Oct. 24</b>	Scientific argument assignment given Oct. 24
Oct. 28-31	Writing the lab report		In-class writing 6 Oct. 28	Lab report assignment given Oct. 28 <b>Online assessment draft workshop Oct. 31</b>

Nov. 4-7	Analyzing a visual argument	Chapter 12: pages 184-213	In-class writing 7 Nov.4 <b>Online assessment assignment due Nov.7</b>	Visual analysis assignment given Nov. 4
<b>Nov. 11</b>	<b>REMEMBRANCE</b>	<b>DAY</b>		<b>NO CLASSES</b>
Nov. 14	Analyzing a visual argument		<b>Lab report due Nov. 14</b>	<b>Visual analysis workshop Nov. 14</b>
Nov. 18-21	Developing a scientific argument	Chapter 2: pages 19-30	In-class writing 8 Nov. 18 <b>Visual analysis due Nov. 21</b>	
Nov. 25-28	Developing a scientific argument		In-class writing 9 Nov. 25	<b>Scientific argument workshop Nov. 28</b>
Dec. 2	Developing a scientific argument		In-class writing 10 Dec. 2	
Dec. 5	Review		<b>Scientific argument due Dec. 5</b>	

## MOODLE

Go to <http://ilearn.keyano.ca>

This course is supported through Moodle. Assignments, readings and handouts will be posted on Moodle. Login information will be provided by your instructor. For further instructions please see the Moodle handout.

## EVALUATION:

Assignment	Percentage	Due Date
<b>Observation</b>	<b>10%</b>	October 3, 2013
<b>Summary</b>	<b>5%</b>	October 10, 2013
<b>Interview</b>	<b>10%</b>	October 24, 2013
<b>Online Assessment</b>	<b>10%</b>	November 7, 2013
<b>Lab report (cross-over with another ENVT class)</b>	<b>5%</b>	November 14, 2013
<b>Visual analysis</b>	<b>10%</b>	November 21, 2013
<b>Scientific argument</b>	<b>20%</b>	December 5, 2013
<b>In-class assignments</b>	<b>10%</b>	ongoing
<b>Peer response workshops</b>	<b>20%</b>	ongoing

**ATTENDANCE:**

Students are expected to attend all lectures, to arrive on time, and to remain for the duration of the class. You owe it to yourself, to the other students and to me as your instructor to attend regularly and punctually. If you are unable to attend, notify me IN ADVANCE whenever possible. If you are absent without notification or a good reason, you will not be allowed to make up missed work.

Once you have decided to commit to this course, follow through on your commitment and be here: physically, mentally, and emotionally. Don't study for other subjects, reorganize your binder, carry on private conversations, text, check messages, or otherwise disengage from lectures, discussions, or small group or individual work during class. **Your cell phone must be turned OFF and put away during class.** If you are using your phone during class, you will be asked to leave the room, and you will have to meet with me and with the Department chair before you will be allowed to return.

**DRAFT WORKSHOPS:**

Throughout the term, you will participate in a total of five draft workshops. These workshops will give you the opportunity to provide and receive feedback on an upcoming assignment.

For each workshop, you will bring copies of your draft version of the assignment. You will share these copies with your small group, and students will offer feedback according to specified guidelines.

Participation in each peer response draft workshop is worth 4% of your final grade.

**GRADING SYSTEM:**

Letter Grade	Description	Grade Points
A+		4
A	Excellent	4
A-		3.7
B+		3.3
B	Good	3
B-		2.7
C+		2.3
C	Satisfactory	2
C-		1.7
D+		1.3
D	Minimal Pass	1
F	Failure	0

Students intending to transfer to other institutions require a 'C-' as a minimum grade.

Transfer information on each course is available at the [Alberta Council on Admission and Transfers](#).

**Students who do not complete all the required work should not expect to pass the course.**

*Students should consult:*

<http://www.keyano.ca/Academics/Examinations>

### IMPORTANT DATES:

September 17, 2013	Courses dropped after this date will be designated “W”. (A withdrawal (W) is not reflected in your GPA)
October 25, 2013	Courses dropped after this date will be designated “WF”. (A withdrawal failure (WF) counts as a 0 in your GPA)
December 6, 2013	Last day of classes
December 11-20, 2013	Final Exams ( <i>do not book holiday travel until you know your exam schedule!</i> )

### COLLEGE POLICIES

#### Equality, Equity and Respect

The Keyano College is committed to providing an environment of equality, equity and respect for all people within the College community. All members of this community are considered partners in developing teaching and learning contexts that are welcoming to all. Faculty, staff, and students are encouraged to use inclusive language to create a classroom atmosphere in which students' experiences and views are treated with equal respect and valued in relation to their gender, ethnic and cultural background, and sexual orientation.

*Students should consult:*

<http://www.keyano.ca/StudentLife/StudentConduct/IndividualRightsPolicy>

#### Plagiarism and Cheating

Every student expects to be treated and evaluated fairly in a course. Plagiarism and cheating robs everyone of this right.

No student may submit words, ideas or data of another student or person as his or her own in any writing, project, assignment, quiz, electronic presentation, exam etc. Any work used that is not the student's own must be clearly cited as belonging to someone else. There are penalties for using other's work and not citing it. The Student's Rights & Responsibilities document clearly outlines these penalties and the appeal process.

- No learner can obtain information from another student during an exam.
- No learner can bring unauthorized information (paper or electronic) into an exam or quiz.
- No student can submit work done in another course for grading in this course without the written prior approval of the course instructor.
- No student can submit copyright protected or commercially produced materials as part or all of an assignment without proper citation & permission.

### **Student Rights & Responsibilities**

Students should consult the Keyano College Credit Calendar or online at:

<http://www.keyano.ca/Academics/CreditCalendar>

### **Specialized Supports and Duty to Accommodate**

#### *Disability Support Services: Learner Assistance Program*

If you have a documented disability or you think that you would benefit from some assistance from a Disabilities Counsellor, please call or visit the Disability Supports Office 780-792-5608 to book an appointment (across from the library). Services and accommodations are intended to assist you in your program of study, while maintaining the academic standards of Keyano College. We can be of assistance to you in disclosing your disability to your instructor, providing accommodations, and supporting your overall success at Keyano College.

#### *Specialized Supports and Duty to Accommodate*

Specialized Support and Duty to Accommodate are aligned with the office of Disability Support Services: Learner Assistance Program (LAP) guided by federal and provincial human rights legislation, and defined by a number of Keyano College policies. Keyano College is obligated by legislation to provide disability-related accommodations to students with identified disabilities to the point of undue hardship.



The scientist does not study nature because it is useful; he studies it because he delights in it, and he delights in it because it is beautiful. If nature were not beautiful, it would not be worth knowing, and if nature were not worth knowing, life would not be worth living.

*Jules Henri Poincaré (1854-1912) French mathematician.*





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TECHNOLOGY**

**WRI 103]  
WRITING FOR SCIENCE UNDERGRADUATES  
Fall 2013**

**3 CREDITS  
3 HOURS PER WEEK**

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Jane Jacques, Instructor

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Date

**Reviewed and approved by:**

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Louis Dingley, Chairperson

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Date

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Guy Harmer, Dean

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Date