



Course Outline

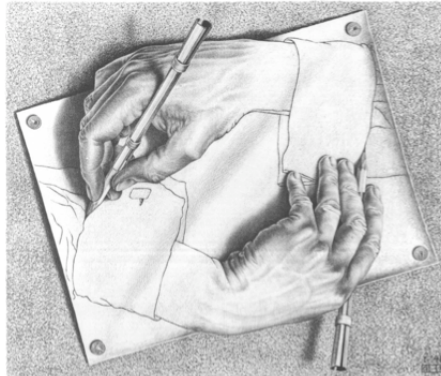
ENVIRONMENTAL TECHNOLOGY

WRITE 103A

WRITING FOR SCIENCE UNDERGRADUATE STUDENTS

Fall 2014

**3 CREDITS
3 HOURS PER WEEK**



INSTRUCTOR: JANE JACQUES

INSTRUCTOR: Jane Jacques
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OFFICE NUMBER: S211-D

OFFICE HOURS:

Monday	10:00 – 10:50 AM
Tuesday	10:00 – 10:50 AM
Wednesday	1:00-1:50 PM
Thursday	2:00 – 2:50 PM
Friday	11:00-11:50 AM

HOURS OF INSTRUCTION:

Monday	2:00 – 3:50 PM	Room S105
Friday	1:00 – 1:50 PM	Room S216

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*. 5th ed. Don Mills, ON: Oxford University Press.

Course pack of readings

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. 8-12	Audience and purpose in scientific writing	Chapter 1: pages 1-17	In-class writing 1 Sept. 8	
Sept. 15-19	Writing the observation	Chapter 11: pages 171-183 Ackerman, Why leaves turn color in the fall		Observation assignment given Sept. 15
Sept. 22-26	Writing the observation	Chapter 13: pages 214-220 Dillard, Living like weasels Doyle, Joyas Volardores	In-class writing 2 Sept. 22	Observation draft workshop Sept. 26
Sept. 29-Oct. 3	Summary writing	Chapter 4: pages 66-68	In-class writing 3 Sept. 29 Observation assignment due Oct. 3	Summary assignment given Sept. 29
Oct. 6-10	Writing the interview	Chapter 14: pages 221-237 Quammen, Being Jane Goodall	In-class writing 4 Oct. 6 Summary due Oct. 10	Interview assignment given Oct. 6
Oct. 13	THANKSGIVING	DAY	COLLEGE	CLOSED
Oct. 17	Writing the interview			Interview draft workshop Oct. 17
Oct. 20	Assessing web research	Chapter 2: pages 30-41	In-class writing 5 Oct. 20	Online assessment assignment given Oct. 20
Oct. 24	Analyzing persuasive strategies	Bittman, Cohen, Linker, McWilliams	Interview due Oct. 24	Scientific argument assignment given Oct. 24
Oct. 27-31	Analyzing persuasive strategies	Bittman, Cohen, Linker, McWilliams	In-class writing 6 Oct. 27	Online assessment draft workshop Oct. 31
Nov. 3-7	Analyzing a visual argument	Chapter 12: pages 184-213	In-class writing 7 Nov. 3 Online assessment assignment due	Visual analysis assignment given Nov. 3

			Nov.7	
Nov. 10-14	Analyzing a visual argument			Visual analysis workshop Nov. 14
Nov. 17-21	Developing a scientific argument	Chapter 2: pages 19-30 Klinkenborg, Our vanishing night	In-class writing 8 Nov. 17 Visual analysis due Nov. 21	
Nov. 24-28	Developing a scientific argument	Readings from course pack TBA Burdick, The truth about invasive species	In-class writing 9 Nov. 24	Scientific argument workshop Nov. 28
Dec. 1-5	Developing a scientific argument	Thoreau, Where I lived and what I lived for	In-class writing 10 Dec. 2 Scientific argument due Dec. 5	

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
Observation (750 words)	10%	October 3, 2014
Summary (500 words)	5%	October 10, 2014
Interview (750 words)	10%	October 24, 2014
Online Assessment (750 words)	10%	November 7, 2014
Visual analysis (1500 words)	15%	November 21, 2014
Scientific argument (2000 words)	20%	December 5, 2014
In-class assignments (variable length)	10%	ongoing
Peer response workshops	20%	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. Your participation and commitment to learning are necessary to your success.

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 16, 2014	Last day to DROP courses with full refund (\$100 deposit is non-refundable)
October 10, 2014	Last day to WITHDRAW with a refund (50%)
November 26, 2014	Last day to WITHDRAW (Grade of W)
December 5, 2014	Last day of classes
December 8 - 12, 2014	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>

Counselling and Disability Services

Counselling Services provides a wide range of specialized counselling services to prospective and registered students, including personal, career and academic counselling. Disability Services provides educational services to students with disabilities.

Both Counselling and Disability Services are located in CC167.



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.