Tentative Lecture Schedules:

| Date | Lecture Topic (10-11am) | Textbook Reading |
|------------|--------------------------------------|------------------|
| January 11 | Course Introduction | |
| Jan 18 | Global Climate | Chapter 16 |
| Jan 25 | Climate | |
| February 1 | | |
| Feb 8 | | |
| Feb 15 | Mid-term Exam Preparation | |
| Feb 22 | READING WEEK | |
| March 1 | MID-TERM EXAM | |
| Mar 8 | Climate Change and Tourism in Canada | |
| Mar 15 | Climate Change and Wine in Canada | |
| Mar 22 | Climate Change and Health in Canada | |
| Mar 29 | Air Masses and Fronts | Chapter 13 |
| April 5 | Final Exam Preparation | |
| Apr 11-12 | STUDY BREAK | |
| Apr 13-27 | FINAL EXAM | |

| Date | Lecture Topic (1-3pm) | Textbook Reading |
|------------|-----------------------------------|------------------|
| January 11 | Introduction: Atmospheric Science | Chapter 1 |
| Jan 18 | Composition of the Atmosphere | Chapter 2 |
| Jan 25 | Behaviour of the Atmosphere | Chapter 3 |
| February 1 | Energy | Chapter 4 |
| Feb 8 | Radiation | Chapter 5 |
| Feb 15 | Energy Balance | Chapter 6 |
| Feb 22 | READINGWEEK | |
| March 1 | MID-TERM EXAM | |
| Mar 8 | Water Vapour | Chapter 7 |
| Mar 15 | Condensation | Chapter 9 |
| | | Chapter 10 |

Tentative Tutorial Schedule:

| Date | Tutorial Topic | |
|------------|---|--|
| January 11 | INTRODUCTION: NO TUTORIALS | |
| Jan 18 | T1 - Study Notes on Atmospheric Science | |
| Jan 25 | T2 - Study Notes on Atmospheric Composition | |
| February 1 | T3 - Study Notes on Atmospheric Behaviour | |
| Feb 8 | T4 - Study Notes on Energy | |
| Feb 15 | T5 - Study Notes on Radiation | |
| Feb 22 | READING WEEK: NO TUTORIALS | |
| March 1 | MID-TERM EXAM: NO TUTORIALS | |
| Mar 8 | T6 - Study Notes on Gobal Climate | |
| Mar 15 | T7 - Study Notes on Water Vapour | |
| Mar 22 | T8 - Study Notes on Condensation | |
| Mar 29 | T9 - Study Notes on Precipitation | |
| April 5 | T10 - Study Notes on Wind | |
| Apr 11-12 | STUDY BREAK: NO TUTORIALS | |
| Apr 13-27 | FINAL EXAM: NO TUTORIALS | |

Course Marking Scheme:

Participation: 20%

Attendance at each of the ten tutorials (10%) and submission of the related study notes (10%).

Assignment: 10%

Selected Topics on Climate Change assignment due during the last tutorial (April 5).

Midterm Exam: 30%

In-class exam on March 1, covering lecture material from January 11 to February 15.

Final Exam: 40%

In-person exam during official exam period, covering lecture material from March 8 to April 5.

Academic Integrity:

Be wary of the fine line between working together and plagiarizing No electronic devices other than UTSC approved calculators <u>http://www.utsc.utoronto.ca/~vpdean/academic_integrity.html</u>

Course communication:

Quercus

https://q.utoronto.ca/

Academic Resources:

Academic Advising & Career Centre

http://www.utsc.utoronto.ca/aacc/

AccessAbility

http://www.utsc.utoronto.ca/~ability/

UTSCLibrary

https://utsc.library.utoronto.ca

The Writing Centre

http://www.utsc.utoronto.ca/twc/welcome