

Course ID:	Course Title:	Spring 2018 TWO WEEK ½ DAY MODULE
ZOO 405	Impacts of Disease, Disorders, and Drugs on World Events	Prerequisite: ZOO 263, ZOO 265 or permission of instructor
		Credits: 3

Class Information		Instructor Information		Important Dates	
Days:	Mondays-Fridays	Instructor:	Harry Peery, PhD	First day of classes:	May 7, 2018
Time:	9:00am-12:30pm	Email:	Harry.peery@ucalgary.ca	Last day to add/drop, or change to audit:	End of the second day
Room:	A2212	Phone:	403-688-0732	Last day to request revised exam:	n/a
Lab/ Tutorial:	n/a	Office:	L2091	Last day to withdraw from course:	End of 2 nd day of the 2 nd week
		Office Hours:	By appointment	Last day to apply for coursework extension:	One month before final due date
Final Exam:	n/a			Last day of classes:	May 18, 2018

Course Description

An exploration of the historical impact of disease, disorders, and drugs. Along with the historical impact, the physiology and epidemiology of some of these diseases will be discussed in depth. Some aspects of the history of medicine will also be included.

Expected Learning Outcomes

An understanding of how disease and disorders and drugs have affected the people who shaped world events. In some cases, disease or disorders or drugs stopped their career; in other cases, they forged ahead in spite of their disability.

Textbooks

No textbooks are required.

Course Schedule

May 7. Monday

- 9. Introduction
- 10. Lecture 01 Alexander the Great – Malaria
- 10:45 Break
- 11. Lecture 02 King George III – Varigate porphyria
- 11:30. Lecture 03 Abraham Lincoln – Multiple endocrine neoplasia, type 2, Assassination
- 12:00 Lecture 04 A Physician, the Archbishop, Anemia, and the Liver Cure

May 8. Tuesday

- 9. Lecture 05 Friedreich III – Laryngeal carcinoma
- 10. Lecture 06 Wilhelm II – Birth Defects
- 10:45 Break
- 11. Lecture 07 Tchaikovsky, Epidemiology and Cholera
- 11:45 Lecture 08 William Halsted – Cocaine Addiction

May 9. Wednesday

- 9: Lecture 09 Prince Leopold – Hemophilia B

May 10. Thursday

- 9. Lecture 10 Empress Elizabeth, Wilhelm Justus – Cardiac Tamponade
- 10. Lecture 11 Mary Mallon – Typhoid fever
- 10:45 Break
- 11. Lecture 12 William Withering - Heart Failure
- 11:45. Lecture 13 William Keeton – Rheumatic Heart Disease

May 11. Friday

- 9. Lecture 14 Angela Forgot Her Mother
- 10. Lecture 15 Sally -A Hole in the Heart
- 10:45 Break
- 11. Lecture 16 Lou Gehrig – Amyotrophic lateral sclerosis
- 11. Lecture 17 Carl Sagan - Myelodysplasia

May 14. Monday

- 8. Lecture 18 King George VI – Smoking
- 9. Lecture 19 Francis Kelsey -Thalidomide
- 9:45 Break
- 10. Lecture 20 Albert Einstein- Abdominal aortic aneurysm
- 11. Lecture 21 DJ – Tay-Sachs disease

May 15. Tuesday

- 9. Lecture 22 Rod Serling – Myocardial infarction
- 10. Lecture 23 Jonathan Larson – Marfan syndrome
- 10:45 Break
- 11. Lecture 24 Franklin Delano Roosevelt – Hypertension
- 11:45. Lecture 25 Cornelius Ryan – Prostate Adenocarcinoma

May 16. Wednesday

- 9. Lecture 26 Henry Molaison – Loss of memory
- 10. Lecture 27 Microbial Plagues: Ebola
- 10:45 Break
- 11. Lecture 28 Microbial Plagues: Influenza epidemic, 1918
- 11:30. Lecture 29 Microbial Plagues: HIV

May 17. Thursday

Note: if more than 14 people sign up, then the time for each presentation will be less than 20 minutes.

- 9: 2 Presentations
- 10: 2 Presentations
- Short Break
- 11: 2 Presentations

May 18. Friday

- 9. 2 Presentations
- 10. 2 Presentations
- Short Break
- 11. 1 Presentations

Requirements:

1. Participants must keep a bound book and turn in as a log a summary of each individual discussed (this book will be returned to the student). This must include the following:
 - a. If disease, disorder, medical intervention or death had not occurred, what do you think the historical figure would have accomplished? Would it have been as significant? Why or why not?

- b. How would the disease, disorder, or medical intervention be handled today? Would the treatment be different or almost the same?
- 2. Participants must present an historical figure not covered in these lectures who also had a disease, disorder, or medical intervention that enabled or disabled them.
 - a. Limit your talk to 20 minutes
 - b. The talk must include a PowerPoint presentation.

Attendance:

Attendance will not be taken. However, students will not be able to do well in the course if they do not attend the lectures.

Grade Summary:

The available letters for course grades are as follows:

<u>Letter Grade</u>	<u>Description</u>
A+	Excellent
A	
A-	
B+	Good
B	
B-	
C+	Satisfactory
C	
C-	
D+	Minimal Pass
D	
F	Failure

Because of the nature of the Alpha 4.00 system, there can be no uniform University-wide conversion scale. The relationship between raw scores (e.g. percentages) and the resultant letter grade will depend on the nature of the course and the instructor's assessment of the level of each class, compared to similar classes taught previously.

Please note that final grades will be available on student registration system. Printed grade sheets are not mailed out.

Other:

It is expected that participants will take part in the discussion about each of the individuals. This will help in the final grade.

Ambrose University Academic Policies:

Communication

All students have received an Ambrose e-mail account upon registration. It is the student's responsibility to check this account regularly as the Ambrose email system will be the professor's instrument for notifying students of important matters (cancelled class sessions, extensions, requested appointments, etc.) between class sessions. If students do not wish to use their Ambrose accounts, they will need to forward all messages from the Ambrose account to another personal account.

Registration

During the **Registration Revision Period** students may enter a course without permission, change the designation of any class from credit to audit and/or voluntary withdraw from a course without financial or academic penalty or record. Courses should be added or dropped on the student portal by the deadline date; please consult the List of Important Dates. After that date, the original status remains and the student is responsible for related fees.

Students intending to withdraw from a course after the Registration Revision Period must apply to the Office of the Registrar by submitting a "Request to Withdraw from a Course" form or by sending an email to the Registrar's Office by the **Withdrawal Deadline**; please consult the List of Important Dates on the my.ambrose.edu website. Students will not receive a tuition refund for courses from which they withdraw after the Registration Revision period. A grade of "W" will appear on their transcript.

Students wishing to withdraw from a course, but who fail to do so by the applicable date, will receive the grade earned in accordance with the course syllabus. A student obliged to withdraw from a course after the Withdrawal Deadline because of health or other reasons may apply to the Registrar for special consideration.

Exam Scheduling

Students, who find a conflict in their exam schedule must submit a Revised Examination Request form to the Registrar's Office by the deadline date; please consult the List of Important Dates. Requests will be considered for the following reasons only: 1) the scheduled final examination slot conflicts with another exam; 2) the student has three final exams within three consecutive exam time blocks; 3) the scheduled final exam slot conflicts with an exam at another institution; 4) extenuating circumstances. Travel is not considered a valid excuse for re-scheduling or missing a final exam.

Electronic Etiquette

Students are expected to treat their instructor, guest speakers, and fellow students with respect. It is disruptive to the learning goals of a course or seminar and disrespectful to fellow students and the instructor to use electronics for purposes unrelated to the course during a class session. Turn off all cell phones and other electronic devices during class. Laptops should be used for class-related purposes only. Do not use iPods, MP3 players, or headphones. Do not text, read, or send personal emails, go on Facebook or other social networks, search the internet, or play computer games during class. Some professors will not allow the use of any electronic devices in class. The professor has the right to disallow the student to use a

laptop in future lectures and/or to ask a student to withdraw from the session if s/he does not comply with this policy. Repeat offenders will be directed to the Dean. If you are expecting communication due to an emergency, please speak with the professor before the class begins.

Academic Policies

It is the responsibility of all students to become familiar with and adhere to academic policies as stated in the Academic Calendar. Personal information (information about an individual that may be used to identify that individual) may be required as part of taking this class. Any information collected will only be used and disclosed for the purpose for which the collection was intended. For further information contact the Privacy Compliance Officer at privacy@ambrose.edu.

Extensions

Although extensions to coursework in the semester are at the discretion of the instructor, students may not turn in coursework for evaluation after the last day of the scheduled final examination period unless they have received permission for a course Extension from the Registrar's Office. Requests for course extensions or alternative examination time must be submitted to the Registrar's Office by the deadline date; please consult the List of Important Dates. Course extensions are only granted for serious issues that arise "due to circumstances beyond the student's control."

Appeal of Grade

An appeal for change of grade on any course work must be made to the course instructor within one week of receiving notification of the grade. An appeal for change of final grade must be submitted to the Registrar's Office in writing and providing the basis for appeal within 30 days of receiving notification of the final grade, providing the basis for appeal. A review fee of \$50.00 must accompany the appeal. If the appeal is sustained, the fee will be refunded.

Academic Integrity

We are committed to fostering personal integrity and will not overlook breaches of integrity such as plagiarism and cheating. Academic dishonesty is taken seriously at Ambrose University as it undermines our academic standards and affects the integrity of each member of our learning community. Any attempt to obtain credit for academic work through fraudulent, deceptive, or dishonest means is academic dishonesty. Plagiarism involves presenting someone else's ideas, words, or work as one's own. Plagiarism is fraud and theft, but plagiarism can also occur by accident when a student fails or forgets to acknowledge to another person's ideas or words. Plagiarism and cheating can result in a failing grade for an assignment, for the course, or immediate dismissal from the university. Students are expected to be familiar with the policies in the current Academic Calendar that deal with plagiarism, cheating, and the penalties and procedures for dealing with these matters. All cases of academic dishonesty are reported to the Academic Dean and become part of the student's permanent record.

Note: Students are strongly advised to retain this syllabus for their records.