
MOS 1022F Introduction to Aviation Course Outline: Section – 001 / Fall

1. Course Information:

1.1 Class Location and Time:

HSB 11

Wednesday 10:30-13:30

1.2 Contact Information:

Instructor: Dr. Suzanne Kearns

Office: SSC 4428

Office Hours: Wednesday 9:00-10:30, 17:30-19:00

Phone: 661-2111 x81465

Email: skearns4@uwo.ca

Website Address: <http://owl.uwo.ca/portal>

DAN Management and Organizational Studies strives at all times to provide accessibility to all faculty, staff, students and visitors in a way that respects the dignity and independence of people with disabilities. Please contact the course instructor if you require material in an alternate format or if you require any other arrangements to make this course more accessible to you. You may also wish to contact Services for Students with Disabilities (SSD) at 519-661-2111 ext 82147 for any specific question regarding an accommodation. More information about "Accessibility at Western" is available at: <http://accessibility.uwo.ca>

2. Calendar Description

2.1 Course Description:

This course is designed as a survey of Commercial Aviation. Topics include: History of Aviation Transportation, Flight Theory and Performance, Aviation Business, Human Factors, Canadian Airspace, Air Traffic Control, and Aviation Safety.

3 lecture hours, 0.5 course

Antirequisite(s): None

Prerequisite(s): None

2.2 Senate Regulations

Senate Regulations state, "unless you have either the requisites for this course or written special permission from your Dean to enroll in it, you will be removed from this course and it will be deleted from your record. This decision may not be appealed. You will receive no adjustment to your fees in the event that you are dropped from a course for failing to have the necessary prerequisites."

3. Textbook

Kearns, S. (2009). *Canadian Aviation*. Dubuque, IA: Kendall Hunt Publishing Company.

4. Course Objectives and Format

4.1 Course objectives

Through an interdisciplinary focus on evidence-based practices, and with emphasis on teamwork and professional approaches, successful students will:

- Demonstrate their understanding of key elements of knowledge critical to the airline industry (e.g. aircraft issues and range of professional attributes) by describing a range of safety issues, giving examples of domestic and international legal, regulatory, and labour issues and examining environmental concerns associated with the aviation industry.
- Collaborate with team members to identify noteworthy issues within the aviation industry and present their findings to classmates.
- Critically explore a contemporary issue within the aviation industry in an essay.

4.2 Course format

The course will be organized as a combination of lecture, group discussion, group activities, student presentations, and mentoring sessions.

5. Evaluation

5.1 Class Participation, Practice Activities, & Group “News” Presentation (20%): A crucial element of this course is the sharing of ideas and opinions. Since each of us brings a unique background of experiences, much can be learned from class debate and discussion. However, perfect attendance alone will not guarantee a perfect participation grade. Your participation grade will be dependent on your *involvement* in class discussions and activities and attendance. Attendance/participation will account for **5%** of your final grade. Student practice activities will count towards **10%** your participation grade. Practice activities are graded pass/fail and are due within the first 5 minutes of each class, beginning September 23rd, 2015. Within your group, you will also make a presentation describing an interesting piece of current aviation news you have seen in the media. Although the presentations are made as a group, you are expected to individually make a 5-minute presentation and will receive a unique grade. Presentations will be held in the first 30 minutes of class, beginning on September 30th, 2015 and are worth **5%** of your grade in the course.

Absences: All absences will impact your participation grade. As a rule of thumb, you can expect each absence to subtract 10% of the participation component of your grade (or roughly 1% of your overall grade in the course). For medical absences, refer to the policy on accommodation for medical illness (<https://studentservices.uwo.ca/secure/index.cfm>). If you have a valid excuse for an absence you must inform the instructor before the intended date. The instructor will refer you to the Social Science Counselling office, who will evaluate the reasoning for your absence and make a recommendation to the instructor about whether it should be excused.

5.2 Midterm Examination (20%): A midterm examination will be given in class mid-semester. The midterm exam will cover all information that has been presented in the course up until the midterm date, including readings, lectures, videos, examples, etc. Therefore it is crucial that you take good notes throughout the term and complete all assigned readings. The exam format may include multiple choice, fill-in-the-blanks, short answer, and/or essay questions. Computer-marked multiple-choice tests and/or exams may be subject to submission for similarity review by software that will check for unusual coincidences in answer patterns that may indicate cheating.

5.3 Aviation Essay (30%): Throughout the duration of this course you will be exposed to a wide range of aviation topics and issues. In the first class you will be broken up into 4 or 5 person cohorts. You will be required to compose a 10-page paper describing an aviation topic of your choice. The 10-page requirement refers only to the body of the paper. The title page, abstract, and reference pages are in addition to the 10-page minimum. All members of your cohort will write independent papers, but each cohort must choose an over-arching theme. For example, your cohort may choose aviation history. Within this theme, individual members of your group may choose to write about the Wright brothers, the life of Leonardo da Vinci, the Avro Arrow, the Hindenburg, or deregulation. Other broad themes may include airlines, human factors, types of aircraft and the impact of each, aviation pioneers, aviation economics, aviation weather & meteorologists, aviation safety, regulating bodies (Transport Canada, FAA, ICAO, IATA, etc.), terrorism & security, etc. This is your opportunity to further explore any issue that sparked your interest throughout the course. You **must** have your cohort topic approved by the professor. The professor will approve your topic or offer suggestions to help you clarify your ideas. The paper is due within the first 15 minutes of class on the due date (November 18th, 2015). This paper is expected to be in proper APA format (12 point font with standard margins) with a minimum of 10 references from newspapers, magazines, websites, journals, etc. However, keep in mind that it is the student's responsibility to critically evaluate the credibility of all sources included in the paper. For example, "wiki" websites are inappropriate sources because anyone can post information and there is no guarantee of accuracy. Additional essay instructions will be provided in class. Style: Make sure you use proper grammar, spelling, and punctuation in your essay. Remember to follow APA guidelines when formatting your essay and references page. A rubric will be distributed in class to give additional details on the essay's evaluation criteria.

5.4 Final Examination (30%): A comprehensive final examination will be given at the end of the semester. A final exam review will be given prior to the exam. The final exam will cover all information in the course, including readings, lectures, videos, examples, etc. Therefore it is crucial that you take good notes throughout the term and complete all assigned readings. The exam format may include multiple choice, fill-in-the-blanks, short answer, and/or essay questions. Computer-marked multiple-choice tests and/or exams may be subject to submission for similarity review by software that will check for unusual coincidences in answer patterns that may indicate cheating.

Evaluation Item	Percentage of Course Grade
5.1 Class Participation	20%
5.2 Midterm Examination	20%
5.3 Aviation Essay	30%
5.4 Final Examination	30%

Exams are **in multiple choice and fill-in-the-blank format**. Each exam, in total, will be scheduled for **3 hours** and are **closed book examinations**. **Dictionaries are NOT allowed into the examinations**.

You are not permitted to have any programmable technology in your possession during the exam (including but not limited to cell phones, tablets, smart watches, etc.). Devices are permitted to be in your backpack at the front of the room, turned to a silent mode. If you have a device in your possession during an exam this will be regarded as an academic violation.

Students are responsible for material covered in the lectures as well as the assigned chapters/sections in the text. The midterm exams will be in class time. The final exam will be scheduled during the exam period at the end of the semester. Exams will not be returned to students but may be reviewed in the instructor's office.

Students are **REQUIRED TO COMPLETE ALL COMPONENTS** of this course. There are no exceptions to this. Extra assignments to improve grades **will NOT** be allowed.

Exams will be scored using the program Scan Exam which examines the answer sheets for unusual coincidences in the pattern of answers given which may be indicative and used as supporting evidence of cheating.

Grades will **not** be adjusted on the basis of need. It is important to monitor your performance in the course. Remember: *You* are responsible for your grades in this course.

6. Lecture and Examination Schedule

September 16, 2015

Orientation to the CAM program
Course introduction
Overview of syllabus and course expectations

September 23, 2015

The history of aviation in Canada (required reading, Chapter 1)

September 30, 2015

Civil aviation (required reading, Chapter 2)

October 7, 2015

Library Information Session (tentatively)

October 14, 2015

Military aviation (required reading, Chapter 3)

October 21, 2015

Airports and security (required reading, Chapter 4)

October 28, 2015

Air law in Canada (required reading, Chapter 5)

November 4, 2015

Mid-term Examination

November 11, 2015

Air navigation system of Canada (required reading, Chapter 6)

November 18, 2015

Human factors (required reading, Chapter 7)

Papers Due

November 25, 2015

Accident investigation and the Transportation Safety Board of Canada (required reading, Chap. 8)

December 3, 2015

Aviation safety statistics (required reading, Chapter 9)

December 9, 2015

Safety management systems (required reading, Chapter 10)
Final exam review

7. University Policy Regarding Illness

7.1 Illness

The University recognizes that a student's ability to meet his/her academic responsibilities may, on occasion, be impaired by medical illness. Illness may be acute (short term), or it may be chronic (long term), or chronic with acute episodes. The University further recognizes that medical situations are deeply personal and respects the need for privacy and confidentiality in these matters. However, in order to ensure fairness and consistency for all students, academic accommodation for work representing 10% or more of the student's overall grade in the course shall be granted only in those cases where there is documentation supplied (see below for process) indicating that the student was seriously affected by illness and could not reasonably be expected to meet his/her academic responsibilities.

Documentation shall be submitted, as soon as possible, to the appropriate Dean's office (the Office of the Dean of the student's Faculty of registration/home Faculty) together with a request for relief specifying the nature of the accommodation being requested. These documents will be retained in the student's file, and will be held in confidence in accordance with the University's Official Student Record Information Privacy Policy

http://www.uwo.ca/univsec/pdf/academic_policies/general/privacy.pdf

Once the petition and supporting documents have been received and assessed, appropriate academic accommodation shall be determined by the Dean's Office in consultation with the student's instructor(s). Academic accommodation may include extension of deadlines, waiver of attendance requirements for classes/labs/tutorials, arranging Special Exams or Incompletes, re-weighting course requirements, or granting late withdrawals without academic penalty.

Academic accommodation shall be granted only where the documentation indicates that the onset, duration and severity of the illness are such that the student could not reasonably be expected to complete his/her academic responsibilities. (Note: it will not be sufficient to provide documentation indicating simply that the student was seen for a medical reason or was ill.)

A form to be completed by off-campus physicians is available at:

http://www.uwo.ca/univsec/pdf/academic_policies/appeals/medicalform.pdf

Whenever possible, students who require academic accommodation should provide notification and documentation in advance of due dates, examinations, etc. Students must follow up with their professors and their Academic Counselling office in a timely manner.

In the case of a final examination in the course, the student must arrange for a Special Examination or Incomplete through their Dean's office, for which you will be required to provide acceptable documentation.

If you feel that you have a medical or personal problem that is interfering with your work, you should contact your instructor and the Faculty Academic Counselling Office as soon as possible. Problems may then be documented and possible arrangements to assist you can be discussed at the time of occurrence rather than on a retroactive basis. In general, retroactive requests for grade revisions on medical or compassionate grounds will not be considered.

7.2 Make Up Examinations

The student must write a make-up exam if the regularly scheduled exam is missed for reasons for which adequate documentation is received by the instructor (this documentation must be supplied by the Academic Counseling office).

7.3 Attendance

It is expected that students will attend all classes. The professor does not provide access to lecture notes. Students are encouraged to obtain missed lecture notes from a fellow student.

8. University Policy on Cheating and Academic Misconduct

Cheating on exams will not be tolerated; students are referred to the university policy on scholastic offenses (see section 9.0 below). Looking at the test of another student, allowing another student to view your exam, or obtaining information about a test in advance are all examples of cheating. Students found cheating will receive a zero (0%) on that exam. A number of safeguards will be employed to discourage cheating. For example, examination supervisors (proctors) of the tests may ask students to move to another seat during the exam, cover their paper, avert their eyes from other students' papers, remove baseball caps, etc. This is not meant as a personal affront nor as an accusation of cheating, rather as vigilant attempts at proctoring. A copy of guidelines about how to avoid cheating can be obtained from the office of the Ombudsperson, Room 3135 WSSB, (519) 661-3573.

Students are responsible for understanding the nature of and avoiding the occurrence of plagiarism and other academic offenses. Students are urged to read the section on Scholastic Offenses in the Academic Calendar. Note that such offenses include plagiarism, cheating on an examination, submitting false or fraudulent assignments or credentials, impersonating a candidate, or submitting for credit in any course without the knowledge and approval of the instructor to whom it is submitted, any academic work for which credit has previously been obtained or is being sought in another course in the University or elsewhere. If you are in doubt about whether what you are doing is inappropriate, consult your instructor. A claim that "you didn't know it was wrong" will not be accepted as an excuse.

The penalties for a student guilty of a scholastic offense include refusal of a passing grade in the assignment, refusal of a passing grade in the course, suspension from the University, and expulsion from the University.

9. Procedures For Appealing Academic Evaluations

In the first instance, all appeals of a grade must be made to the course instructor (informal consultation). If the student is not satisfied with the decision of the course instructor, a written appeal must be sent to the Assistant Program Director or Designate of the BMOS program. If the response of the Assistant Director is considered unsatisfactory to the student, he/she may then appeal to the Dean of the Faculty in which the course of program was taken. Only after receiving a final decision from the Dean, may a student appeal to the Senate Review Board Academic. A Guide to Appeals is available from the Ombudsperson's Office.

10. Student Responsibilities

Material covered in lectures will not always be the same as material covered in the textbook. These two sources should be viewed as complimentary and not redundant. As such, students who want to do well in this course are **strongly encouraged** to attend lectures on a regular basis. Please note that the instructor will not be providing copies of lectures notes or overheads. Therefore, if you miss a lecture, you should try to obtain this material from another student.

In this class, some students may be unaware that their private discussions are distracting to other people. If you feel that students are distracting your attention from the material, then you should ask them to be quiet. If you feel uncomfortable doing this (or the problem persists), then please see the instructor. In addition, please avoid engaging in private discussions with other students during the lectures.

To avoid unnecessary distractions, please arrive to each class on time.

11. Support Services

11.1 Support Services

The Registrar's office can be accessed for Student Support Services at <http://www.registrar.uwo.ca>
Student Support Services (**including the services provided by the USC listed here**) can be reached at: <http://westernusc.ca/services/>

Student Development Services can be reached at: <http://www.sdc.uwo.ca/>

Students who are in emotional/mental distress should refer to Mental Health@Western
http://www.health.uwo.ca/mental_health/ for a complete list of options about how to obtain help.

12. Other Issues

12.1 Grade Policy

The DAN Program has a grade policy which states that for courses in the 1000-2000 range, the class average must fall between 65% and 70% for all sections of a course taught by the same instructor. In very exceptional circumstances only, class averages outside this range may be approved by the Undergraduate Chair or Chair. Class averages are not grounds for appeal.

12.2 Short Absences.

If you miss a class due to minor illness or other problems, check your course outlines for information regarding attendance requirements and make sure you are not missing a test or exam. Cover any readings and arrange to borrow the missed lectures notes from a classmate.

12.3 Extended Absences.

If you are absent more than approximately two weeks or if you get too far behind to catch up, you should consider reducing your workload by dropping one or more courses. The Academic Counsellors can help you to consider the alternatives. At your request, they can also keep your instructors informed about your difficulties.

12.4 Academic Concerns.

If you are in academic difficulty, it is strongly recommended that you see your academic counsellor.

12.5 Important Dates:

September 10, 2015 Classes begin

September 18, 2015 Last day to add a full course or first-term half course

October 29 - 30, 2015 Fall Study Break

November 5, 2015 last day to drop a first term half course.

November 30, 2015 Last day to drop full course.

December 9, 2015 Fall Session classes end.

December 10, 2015 Study Day

December 11-22, 2015 December examination period.

13. Other Information

- Bring student identification to exams.
- Nothing is to be on/at one's desk during an exam except a pencil, an eraser, and the individual's student card
- Do not wear baseball caps to exams

- Do not bring music players, cell phones, beepers, or other electronic devices to exams

For The University of Western Ontario Senate Regulations, please see the Handbook of Academic and Scholarship Policy at: http://www.uwo.ca/univsec/academic_policies/index.html

14. E-mail Policies

The following policies apply to all emails between students and the Professor. Please respect the fact that the Professor receives hundreds of emails from students and must deal with those emails in a fair and organized manner. Non-acceptable emails will receive a reply saying only "Please see Email Policies on the course outline".

14.1 UWO.CA Email Addresses Only

For privacy reasons, students must use their Western email accounts to contact the Professor. The Professor will not respond to emails from non-uwo.ca addresses (e.g. hotmail.com, gmail.com, etc.).

14.2 Subject Line Must Include Course Number

The subject line of emails must contain the name or number of the course, and the section number in which the student is enrolled. The Professor teaches different courses and sections and cannot properly respond to questions if he does not know which course or section you are enrolled in.

14.3 Acceptable Emails

- questions about the course content or materials
- asking to set up an appointment to ask questions or review an exam
- notification of illness or other special circumstances
- providing constructive comments or feedback about the course

14.4 Non-Acceptable Emails

- questions that may be answered on OWL or on this course outline
- asking when grades will be posted
- asking what grade a student received
- asking where or when an exam is scheduled or the material covered on an exam
- requests for grade increases, extra assignments, or reweighting of course components

15. FREQUENTLY ASKED QUESTIONS

Question	Answer
How can I succeed in this course?	Do all the assigned readings, attend class, complete homework, focus on understanding the principles in a way that lets you apply them to new fact situations.
I was late to class and the homework has already been collected (because my computer didn't work, my internet connection was lost, I was preparing another project, I was out of town, I lost my phone, the bus was late, etc)	Homework is due within the first 5 minutes of class. This is to assess your preparedness as well as original thoughts on the reading. After the first 5 minutes of class homework is considered late and will not be accepted. This will result in a mark of zero. There are no "make up" assignments available.
I missed a homework, quiz or exam because I was sick or there was a death in my family.	See the section of the course outline on ILLNESS AND SPECIAL CIRCUMSTANCES
When will the exam grades be posted?	Mid-term grades are posted on OWL when they become available. Final exam grades and final course grades are not posted on OWL.
Can I come and see my exam?	You can review your exam during office hours or at any other mutually convenient time.
There is so much material. How can I possibly remember everything?	You do not need to remember everything in the book. You need to understand the fundamental principles and how to apply them.
This mark is going to prevent me from getting accepted at Ivey/graduate school/NASA.	Grades are given based on actual performance, as set out on the course outline. In order to be fair to all the students in the course, grade adjustments, extra assignments, and the reweighting of course components are not available.
I need a certain mark to get or maintain a scholarship or my AEO status at Ivey.	
I tried really hard but I still got a poor mark.	