

## The University of Western Ontario

### Management and Organizational Studies “Introduction to Aviation”

#### 1. Course Information

Course Number: MOS 1022F

Course Name: Introduction to Aviation

Class Time: Wednesdays 09:30-12:30

Class Location: SSC 3024

#### *Prerequisite*

This course is limited to students enrolled in the Commercial Aviation Management (CAM) specialization of the Management and Organizational Studies (MOS) program. Unless you have either the requisites for this course or written special permission from your Dean to enroll in it, you may 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.

#### 2. Instructor Information

Instructor: Dr. Suzanne Kearns

Rank: Assistant Professor

Office: SSC 3213

E-mail: skearns4@uwo.ca

Telephone: (519) 661-2111 x81465

Office Hours: Wed. 12:30-1:30 & 4:30-5:30

#### 3. Course Syllabus

##### *Course Content*

This course is designed as an introduction to the field of aviation. Subjects to be covered include the history of aviation in Canada, civil aviation, military aviation, airports and security, air law in Canada, the air navigation system of Canada, human factors, accident investigation and the transportation safety board of Canada, aviation safety statistics, safety management systems, and the future of aviation. The purpose of this course is to provide persons interested in aviation a survey of the Canadian aviation industry.

##### *Course Objectives*

- Understand the historical, social, and economic impact of aviation on society
- Develop a perspective of the aviation industry and the national airspace system in Canada
- Gain an understanding of the range of themes and issues in the Commercial Aviation Management program at the University of Western Ontario

##### *Course Requirements*

Attendance: Attendance is mandatory in this course and absences will have a negative impact on your participation grade. A student should expect to lose 10% of the participation component of their grade in the course for each absence. 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. It is up to the instructor's discretion whether or not to excuse an absence.

Mentorship and cohorts: To encourage success in the intensely challenging Commercial Aviation Management (CAM) program, students in MOS 1022 will be organized into small groups called 'cohorts'. Each cohort will work as a team on in-class activities and assignments. In addition, each cohort will be assigned a senior CAM student mentor. CAM mentors will visit with their cohorts during the last 30

minutes of class every other week. Students are encouraged to use this opportunity to ask their mentor's questions about how to succeed in the CAM program.

Course readings: It is expected that all students will have completed their assigned course readings before attending each lecture. This is important as it provides an enhanced understanding of the course material and students will be prepared to ask questions in class.

Course essay and late policy: The essay assignment in the course is due at the beginning of class on November 18<sup>th</sup>. Students who turn in their essay after the first 30 minutes of class on November 18<sup>th</sup> will be subject to a 10% late penalty. This rule is in place to discourage students from using class time to write their paper and arriving at the end of the class period to turn in their assignment. An additional 10% late penalty will be incurred for each additional 24 hour period that the essay is late.

Plagiarism: Students must write their papers and assignments in their own words. Whenever students take an idea, or a passage from another author, they must acknowledge their debt both by using quotation marks where appropriate and by proper referencing such as footnotes or citations. Plagiarism is a major academic offence.

Scholastic Offences: Scholastic offences are taken seriously and students are directed to read the appropriate policy, specifically, the definition of what constitutes a Scholastic Offence, at the following Web site: <http://www.uwo.ca/univsec/handbook/appeals/scholoff.pdf>. Please keep in mind that ignorance of this policy is not considered an excuse for a scholastic offence.

Plagiarism Checking: All required papers may be subject to submission for textual similarity review to the commercial plagiarism detection software under license to the University for the detection of plagiarism. All papers submitted will be included as source documents in the reference database for the purpose of detecting plagiarism of papers subsequently submitted to the system. Use of the service is subject to the licensing agreement, currently between The University of Western Ontario and Turnitin.com (<http://www.turnitin.com>).

Grading: Every effort will be made by the instructor to grade materials as quickly as possible. Once all student assignments have been graded, grades will be posted through the course website at [webct.uwo.ca](http://webct.uwo.ca).

#### **4. Course Materials**

##### *Required Text*

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

##### *Course Website*

Supplementary instructional and reference material may be posted on the course website. You can log onto the course website by visiting [webct.uwo.ca](http://webct.uwo.ca) with a valid student number and password.

#### **5. Methods of Evaluation**

There are four evaluation items within this course, as described below. The weighting of each item is presented below:

- |                        |     |
|------------------------|-----|
| 1. Class Participation | 15% |
| 2. Midterm Examination | 20% |
| 3. Aviation Essay      | 30% |
| 4. Final Examination   | 35% |

##### *Description of Evaluation Items*

- 1. Class Participation:** 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, questioning of student presentations, and attendance. Participation will account for 10% of your final grade.

Absences: All absences will impact your participation grade. As a rule of thumb, you can expect each absence to subtract 10% of your participation grade. 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. It is the instructor's discretion whether or not to excuse an absence.
- 2. Midterm Examination:** A midterm examination will be given in class on **October 21st**. 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.
- 3. Aviation Essay:** 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. All members of your cohort will write independent papers, but each cohort must choose an overarching 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 topic approved by the professor. The professor will approve your topic or offer suggestions to help you clarify your ideas. The paper is due at the *beginning* of class on **November 18<sup>th</sup>**. 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.

Presentation: Each cohort will be required to work together to present their research to the rest of the class. Presentations must be at least 10 and **not more than** 15 minutes long and will be followed by a question period. All cohort members are required to participate in the presentation. The 15 minute guideline is very strict, as it is necessary to ensure that all groups have sufficient time. Be creative in your presentation. You will have access to an overhead projector, PowerPoint projector, and a television with a VCR. Presentations will account towards your participation grade. Printouts of presentation slides (if used) or presentation notes are due from all groups on their presentation date.

Style: Make sure you use proper grammar, spelling, and punctuation in your presentation and essay. Remember to follow APA guidelines when formatting your essay and references page.
- 4. Final Examination:** 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.

*Calendar – Lecture Overview and Required Readings*

**September 16, 2009**

Orientation to the CAM program

- Introduction of Joan Finegan, Brian Morris, Bill Welsh, Barbara Thomas, and Brandon McCarroll

Course introduction

- Overview of syllabus and course expectations

Cohort and mentor assignment

**September 23, 2009**

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

**September 30, 2009**

Civil aviation (required reading, Chapter 2)

*Mentor Week*

**October 7, 2009**

Military aviation (required reading, Chapter 3)

**October 14, 2009**

Airports and security (required reading, Chapter 4)

*Mentor Week*

**October 21, 2009**

Mid-term Examination

**October 28, 2009**

Air law in Canada (required reading, Chapter 5)

*Mentor Week*

**November 4, 2009**

Air Navigation System of Canada (required reading, Chapter 6)

**November 11, 2009**

Human factors (required reading, Chapter 7)

*Mentor Week*

**November 18, 2009**

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

Final Papers DUE

**November 25, 2009**

Aviation safety statistics (required reading, Chapter 9)

*Mentor Week*

**December 2, 2009**

Safety management systems (required reading, Chapter 10)

**December 9, 2009**

Student Presentations

Final Exam Review

*Mentor Week*