

SAULT COLLEGE OF APPLIED ARTS & TECHNOLOGY
SAULT STE MARIE, ON



COURSE OUTLINE

Course Title: AIR REGULATIONS (CARS)

Code No.: ASR112 Semester: 2

Program: AIRCRAFT STRUCTURAL REPAIR

Author: STEVE LACHOWSKY

Date: Dec. 2000 Previous Outline Date: Dec. 1999

Approved: _____
Dean Date

Total Credits: 2

Prerequisite(s):

Length of Course: 2 Hrs./Wk. Total Credit Hours: 36

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COURSE NAME

COURSE NUMBER**I. COURSE DESCRIPTION:**

In this course, students will be introduced to the various sections found in the Department of Transport Air Regulatory Library. Sections 501, 571, 573 and 575 will be studied and discussed to give the student a clear understanding of the procedures that must be adhered to in the Aviation Maintenance Industry. Logbook entries and Airworthiness Publications will be studied.

II. LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE:

(Generic Skills Learning Outcomes placement on the course outline will be determined and communicated at a later date.)

Upon successful completion of this course the student will demonstrate the ability to:

- 1) Discuss Transport Canada regulations as they pertain to structural repairs.

Potential Elements of the Performance:

- discuss the purpose for Air Regulations as they pertain to aircraft safety
- describe how to access the airworthiness manual to obtain information about a specific publication
- discuss A.M.O. organizations and the requirements as per D.O.T. regulations
- describe the purpose of Maintenance Control Manual
- discuss weight and balance control as per air regulations
- identify abbreviations used in air regulation chapters

- 2) Describe aircraft publications as they apply to structural repairs.

Potential Elements of the Performance:

- discuss various publications needed for the safe operation of aircraft and related equipment
- discuss the importance of aeronautical publication
- describe the difference between a service bulletin and an Airworthiness Directive
- discuss Federal Aviation Regulations
- identify who is responsible for issue of service bulletins and other publications

COURSE NAME

COURSE NUMBER**II. LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE
(Continued)**

- 3) Discuss and identify how to complete log book entries.

Potential Elements of the Performance:

- identify both Journey and Technical Log Books
- discuss what information should be entered in both log books
- describe all the various sections of the Technical Log books
- identify where Service Bulletins completion can be verified using the Technical Log Book
- Describe how to make maintenance entries into each of the two log books

III. TOPICS:

- 1) Air Regulations
- 2) Aeronautical Publications
- 3) Aircraft Log Books

IV. REQUIRED RESOURCES/TEXTS/MATERIALS:

A/C 65-9A Textbook
Teacher Handouts

V. EVALUATION PROCESS/GRADING SYSTEM

Written Test (1) accounts for 100% of Final Grade

GRADING: A+ - 94 – 100%
 A - 86 - 93%
 B - 78 - 85%
 C - 70 - 77%
 R - REPEAT

COURSE NAME

COURSE NUMBER**VI. SPECIAL NOTES:**

- Special Needs
If you are a student with special needs (e.g. physical limitations, visual impairments, hearing impairments, learning disabilities), you are encouraged to discuss required accommodations with the instructor and/or contact the Special Needs Office, Room E1204, Ext. 493, 717, 491 so that support services can be arranged for you.
- Retention of Course Outlines
It is the responsibility of the student to retain all course outlines for possible future use in acquiring advanced standing at other post-secondary institutions.
- Disclaimer for Meeting the Needs of the Learners
- Substitute Course Information is available at the Registrar's Office.

VII. PRIOR LEARNING ASSESSMENT

Students who wish to apply for advanced credit in the course should consult the instructor.