



COURSE OUTLINE

ASR112

Prepared: Devin York Approved:

Course Code: Title	ASR112: CANADIAN AVIATION REGULATIONS (CAR'S)
Program Number: Name	4067: AIRCRAFT STRUCT TECH
Department:	AIRCRAFT STRUCTURAL REPAIR
Semester/Term:	18W
Course Description:	In this course, students will be introduced to the various sections found in Transport Canada's Aviation Regulations. The Canadian Aviation Regulations (CAR's) will be studied and discussed to give the student a clear understanding of the regulations that must be followed in Canada's aviation industry. Topics include all applicable regulations, technical records, aeronautical publications and paperwork forms.
Total Credits:	2
Hours/Week:	2
Total Hours:	32
Vocational Learning Outcomes (VLO's):	4067 - AIRCRAFT STRUCT TECH #6. Carry out any repair according to specifications, stated job procedures and the requirements of the Department of Transport Regulations. #14. Apply Department of Transport regulations to paperwork and authorization licences to release aircraft back to service.
<small>Please refer to program web page for a complete listing of program outcomes where applicable.</small>	
Essential Employability Skills (EES):	#6. Locate, select, organize, and document information using appropriate technology and information systems. #7. Analyze, evaluate, and apply relevant information from a variety of sources.
Course Evaluation:	Passing Grade: 70%, B
Other Course Evaluation & Assessment Requirements:	Grade Definition Grade Point Equivalent A+ 90 - 100% 4.00 A 80 - 89% B 70 - 79% 3.00 C 60 - 69% 2.00 D 50 - 59% 1.00 F (Fail) 49% and below 0.00

CR (Credit) Credit for diploma requirements has been awarded.
 S Satisfactory achievement in field /clinical placement or non-graded subject area.
 U Unsatisfactory achievement in field/clinical placement or non-graded subject area.
 X A temporary grade limited to situations with extenuating circumstances giving a student additional time to complete the requirements for a course.
 NR Grade not reported to Registrar's office.
 W Student has withdrawn from the course without academic penalty.

Evaluation Process and Grading System:

Evaluation Type	Evaluation Weight
TEST #21	100%

Books and Required Resources:

AVIATION REGULATIONS SIMPLIFIED by DUECK
 ISBN: 9780969721048

Course Outcomes and Learning Objectives:

Course Outcome 1.

Discuss Transport Canada's aviation regulations as they pertain to structural repairs.

Learning Objectives 1.

- discuss the purpose for Air Regulations as they pertain to aircraft safety
- describe how to access the CAR's to obtain information about a specific publication
- discuss A.M.O. organizations and the requirements as per CAR's
- describe the purpose of a Maintenance Control Manual
- discuss weight and balance control as per CAR's
- identify abbreviations used in CAR's

Course Outcome 2.

Describe aircraft publications as they apply to structural repairs.

Learning Objectives 2.

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

Course Outcome 3.

Discuss and identify how to complete log book entries.

Learning Objectives 3.

- identify both Journey and Technical Logbooks
- discuss what information should be entered in both Logbooks
- describe all the various sections of the Technical Logbooks
- identify where Service Bulletin completions can be verified using the Technical Logbooks
 - Describe how to make maintenance entries in each of the two Logbooks

Date:

Monday, December 18, 2017

Please refer to the course outline addendum on the Learning Management System for further information.