COURSE OUTLINE: ASR112 - CANAD. AVIATION REG.

Prepared: Devin York
Approved: Corey Meunier, Chair, Technology and Skilled Trades

Course Code: Title	ASR112: CANADIAN AVIATION REGULATIONS (CAR`S)
Program Number: Name	4067: AIRCRAFT STRUCT TECH
Department:	AIRCRAFT STRUCTURAL REPAIR
Semesters/Terms:	20W
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
Prerequisites:	There are no pre-requisites for this course.
Corequisites:	There are no co-requisites for this course.
Vocational Learning Outcomes (VLO's) addressed in this course: **Please refer to program web page for a complete listing of program outcomes where applicable.**	**4067 - AIRCRAFT STRUCT TECH** VLO 6 Carry out any repair according to specifications, stated job procedures and the requirements of the Department of Transport Regulations. VLO 14 Apply Department of Transport regulations to paperwork and authorization licences to release aircraft back to service.
Essential Employability Skills (EES) addressed in this course:	EES 6 Locate, select, organize, and document information using appropriate technology and information systems. EES 7 Analyze, evaluate, and apply relevant information from a variety of sources.
Course Evaluation:	Passing Grade: 70%, B
Other Course Evaluation & Assessment Requirements:	
Books and Required Resources:	AVIATION REGULATIONS SIMPLIFIED by DUECK ISBN: 9780969721048
Course Outcomes and Learning Objectives:	

Course Outcome 1	Learning Objectives for Course Outcome 1
(1.) Discuss Transport Canadas aviation regulations as they pertain to structural repairs.	1.1 Discuss the purpose for Air Regulations as they pertain to aircraft safety 1.2 Describe how to access the CARS to obtain information about a specific publication

		1.3 Discuss A.M.O. organizations and the requirements as per CARS 1.4 Describe the purpose of a Maintenance Control Manual 1.5 Discuss weight and balance control as per CARS 1.6 Identify abbreviations used in CARS
	Course Outcome 2	**Learning Objectives for Course Outcome 2**
	(2.) Describe aircraft publications as they apply to structural repairs.	2.1 Discuss various publications needed for the safe operation of aircraft and related equipment 2.2 Discuss the importance of aeronautical publications 2.3 Describe the difference between a service bulletin and an Airworthiness Directive 2.4 Discuss Federal Aviation Regulations 2.5 Identify who is responsible for issuing service bulletins and other publications
	Course Outcome 3	**Learning Objectives for Course Outcome 3**
	(3.) Discuss and identify how to complete log book entries.	3.1 Identify both Journey and Technical Logbooks 3.2 Discuss what information should be entered in both Logbooks 3.3 Describe all the various sections of the Technical Logbooks 3.4 Identify where Service Bulletin completions can be verified using the technical logbooks 3.5 Describe how to make maintenance entries in each of the two Logbooks

Evaluation Process and Grading System:

Evaluation Type	Evaluation Weight
TEST #21	100%

Date: August 29, 2019

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