UNIVERSITY COLLEGE of the FRASER VALLEY

COURSE IMPLEMENTATION DATE: January 1993
COURSE REVISED IMPLEMENTATION DATE: September 2006
COURSE TO BE REVIEWED: November 2009
(Four years after UPAC final approval date) (MONTH YEAR)

OFFICIAL COURSE OUTLINE INFORMATION

Students are advised to keep course outlines in personal files for future use.
Shaded headings are subject to change at the discretion of the department and the material will vary - see course syllabus available from instructor

FACULTY/DEPARTMENT:	**Aviation**	
AV 421		1.5
COURSE NAME/NUMBER	FORMER COURSE NUMBER	UCFV CREDITS
	Aircraft – Multi-Engine	
	COURSE DESCRIPTIVE TITLE	

CALENDAR DESCRIPTION:

This course introduces students to multi-engine aircraft, provides opportunity to develop skills to fly multi-engine aircraft in normal and abnormal situations, and prepares them for the multi-engine flight test. This course includes 13 sessions dual instruction and a flight test in multi-engine aircraft as well as one session dual instruction and seven sessions solo practice in single engine aircraft.

PREREQUISITES: Acceptance to the Aviation program and Aviation 322
COREQUISITES:

SYNONYMOUS COURSE(S)
(a) Replaces: _____ *(Course #)*
(b) Cannot take: _____ *(Course #)* for further credit.

SERVICE COURSE TO: _____ *(Department/Program)* _____ *(Department/Program)*

TOTAL HOURS PER TERM: **60**
STRUCTURE OF HOURS:

Lectures:	**15**	Hrs
Seminar:		Hrs
Laboratory:		Hrs
Field Experience:		Hrs
Student Directed Learning:		Hrs
Other (Specify):	**45**	Hrs

TRAINING DAY-BASED INSTRUCTION
LENGTH OF COURSE: _____
HOURS PER DAY: _____

MAXIMUM ENROLLMENT: **35**
EXPECTED FREQUENCY OF COURSE OFFERINGS:

WILL TRANSFER CREDIT BE REQUESTED? (lower-level courses only)	☐ Yes	☐ No
WILL TRANSFER CREDIT BE REQUESTED? (upper-level requested by department)	☐ Yes	☐ No
TRANSFER CREDIT EXISTS IN BCCAT TRANSFER GUIDE:	☐ Yes	☐ No

AUTHORIZATION SIGNATURES:

Course Designer(s): _____ Chairperson: _____

Department Head: _____ Dean: _____

UPAC Approval in Principle Date: UPAC Final Approval Date: November 25, 2005

LEARNING OBJECTIVES / GOALS / OUTCOMES / LEARNING OUTCOMES:

To equip students to fly multi-engine aircraft, and to prepare them for the multi-engine flight test.

METHODS:

Flight training is in the Piper PA-30 aircraft for all dual instruction with the majority of solo and mutual practice being completed in the Cessna 172.

PRIOR LEARNING ASSESSMENT RECOGNITION (PLAR):

Credit can be awarded for this course through PLAR (Please check:) ☐ Yes ☐ No

METHODS OF OBTAINING PLAR:

TEXTBOOKS, REFERENCES, MATERIALS:

[Textbook selection varies by instructor. An example of texts for this course might be:]

Coastal Pacific Lesson Plans

SUPPLIES / MATERIALS:

STUDENT EVALUATION:

[An example of student evaluation for this course might be:]

Students are assessed on their performance during each dual flight, and feed back is provided to the students. This performance assessment is kept on file until the course is completed.

The student must undergo and pass a Multi-Engine Rating Flight Test administered by a Designated Flight Test Examiner or a Transport Canada Aviation Licensing Inspector to obtain credit for this course. The standards are outlined in the Flight Test Standards Guide.

COURSE CONTENT:

[Course content varies by instructor. An example of course content might be:]

Review radio navigational aids

Introduction to multi-engine aircraft operations

Normal flight manoeuvres

Emergency procedures

Cross country flight planning

Multi-engine flight test