



**LETOURNEAU
UNIVERSITY**

2015-2016 SUGGESTED COURSE SEQUENCE

Bachelor of Science Degree -- Remotely Piloted Aircraft Systems, Electronics Concentration (ARVE)

Minimum Credit Hours: 128

Name: _____

1st Semester - Fall 2015		HRS
___ AVTC1401	Aircraft DC Electricity Lab (1)	1
___ AVTC1403	Aircraft DC Electricity (1)	3
___ BIBL1033	Biblical Literature	3
___ ENGL1013	English Comp I	3
___ KINE1512	Concepts of Lifetime Fitness	2
___ LETU1101	Cornerstones for Living	1
___ MATH1203	College Algebra w/Apps	3
		16

2nd Semester - Spring 2016		HRS
___ AERF1113	Flight Science I (Private Ground School)	3
___ AVTC1001	Found. Concepts of Aviation Studies Lab (1)	1
___ AVTC1003	Found. Concepts of Aviation Studies (1)	3
___ ARPA2013	Introduction to Remotely Piloted Aircraft Systems	3
___ ENGL1023	English Comp II	3
___ ENGR1311	Manufacturing Processes Lab	1
___ MATH1252	Trigonometry	2
		16

3rd Semester - Fall 2016		HRS
___ THEO1043	Biblical Theology for Life	3
___ COSC1303	Computer Science I	3
___ COMM1113	Intro to Speech Comm	3
___ EETC1041	AC Electricity Lab (Fall)	1
___ EETC1042	AC Electricity (Fall)	2
___ MATH1603	Technical Calculus I (Fall)	3
		15

4th Semester - Spring 2017		HRS
___ DSTC1203	Computer Aided Draft	3
___ AVTC2231	Introduction to Aircraft Systems Lab	1
___ AVTC2232	Introduction to Aircraft Systems	2
___ AVTC2441	Airframe Electrical Lab	1
___ AVTC2443	Airframe Electrical	3
___ EETC2313	Electronics I (Spring)	3
___ AVTC2013	Powerplant Systems for Pilots (Non-147)	3
		16

5th Semester - Fall 2017		HRS
___ ARPA2124	Remotely Piloted Aircraft Operation	4
___ AVTC3461	Aircraft Inst. Systems Lab (Fall)	1
___ AVTC3462	Aircraft Inst. Systems (Fall)	2
___ AVTC3261	Aircraft Composites Lab (Fall)	1
___ AVTC3262	Aircraft Composites (Fall)	2
___ EETC2324	Electronics II (Fall)	4
		14

6th Semester - Spring 2018		HRS
___ AERO3423	Aviation Human Factors (Spring)	3
___ ARPA3124	Remotely Piloted Aircraft Flight Control Systems	4
___ EETC3213	Digital Electronics (Spring)	3
___ MATH1613	Technical Calculus II (Spring)	3
___ PHYS1111	General Physics Lab I (Spring)	1
___ PHYS1113	General Physics I (Spring)	3
		17

7th Semester - Fall 2018		HRS
___ AERO3153	Aviation Safety Factors (4)	3
___ EETC4213	Intro to Microcontrollers (Fall)	3
___ BIBL3**3	Bible Elective	3
___ CHEM1111	General Chemistry Lab I	1
___ CHEM1113	General Chemistry II	3
___ HIST2**3	History Elective	3
___ KINE***1	Activity Elective	1
		17

8th Semester - Spring 2019		HRS
___ AERO4823	Aviation Management Capstone (4)	3
___ AVTC4401	Avionics Lab (Spring)	1
___ AVTC4403	Avionics (Spring)	3
___ BIBL3**3	Bible Elective	3
___ EETC4521	Electronic Comm. and Processes Lab (Spring)	1
___ EETC4523	Electronic Comm. and Processes (Spring)	3
___ ENGL2**3	Literature Elective	3
		17

Notes:

1: These courses require a minimum grade of C and are prerequisite to all other AVTC courses.

4: Class is offered online only.