

**AVIATION STUDIES PROGRAM
COLLEGE OF TECHNOLOGY
FLIGHT TECHNOLOGY AND OPERATIONS (FTO)**

DRAFT

2009-2010

B.S. In Technology

<u>Courses Required For Major</u>		<u>Other Required Courses</u>		<u>BG Perspective Core Courses*</u>	
Cooperative Education	8 Hrs.	University	36-41 Hrs.	Natural Sciences #	6 Hrs.
TECH 2890 +	4	MIS 2000 Mgmt Info Sys	3		3
TECH 3890	4	GSW 1120 Academic Writing	3		3
		MATH 1280 or 1300	3-5		3
Concentration - Flight ∞	26 Hrs.	MATH 1260, 1310 or STAT 2000	3-5		
AERT 2200 Private Ground	4	IPC 1020 Speech Communication	3	Humanities & Arts #	6 Hrs.
AERT 2220 Private Flight I	2	IPC 2010, 2030, 2070 or 3060 Comm	3		3
AERT 2230 Private Flight II	2	GEOG 2130 Meteorology	3		3
AERT 2800 Instrument Grd School	3	PHYS 2010 College Physics**	5		
AERT 2810 Basic Instru Flight	3	MGMT 3050 or AERO 3110 Mgmt	3	Social & Behavioral Sciences #	6 Hrs.
AERT 2820 Adv Instru Flight	3	SOC 1010 Principles of Sociology**	3		3
AERT 3200 Commercial Grd Sch	3	PSYC 1010 General Psychology**	4		3
AERT 3220 Basic Comm Flight	1				
AERT 3230 Adv Comm Flight	2	Upon Advisement		Cultural Diversity in U.S. #	3 Hrs.
AERT 3060 Multi-eng Ground	1	Supplemental Focus ◊	9 Hrs.		3
AERT 3300 Digital Cockpit	2				
		AERT 2000-4999 ∞ __, __, __	1-9	Core Elective #	3 Hrs.
Concentration - Operations	21 Hrs.	CS or CST 2000-4000 __, __, __	3-9		3
AERT 2150+ Ground Operations	3	GEOG 1250** __, 3030 __, 4120 __	3-9		
AERT 2240 ATC and NAS	3	ACCT or ACT 2000-3999 __, __, __	3-9	* One course must have an international perspective.	
AERT 3000 Air Transportation	3	ECON 2000-3999 __, __, __	3-9	# See the Undergraduate Catalog for eligible courses.	
AERT 3490 Aviation Law	3	FIN 3000-4999 __, __, __	3-9	** These courses may be used to meet the	
AERT 3540 Aviation Management	3	LEGS 3000-4999 __, __, __	3-9	BG Perspective courses requirement.	
AERT 4040 Aerodynamics	3	MATH 2000-4999 __, __, __	3-9		
AERT 4050 Adv Aircraft Systems	3	MKT 3000-4999 __, __, __	3-9	Summary	
		MGMT 3000-4999 __, __, __	3-9	Major	67 Hrs.
Technology - Other @	12 Hrs.	IPC 2000-4999 __, __, __	3-9	Other required courses	45-49 Hrs.
TECH Elective __, __, __, __	12	PSYC 3110 __, 3500 __	3-6	BG Perspective Core	24 Hrs.
		ENVH 3070	3	Total Minimum Program Hours	122 Hrs.
		ENVS 4030 or GEOG 4240	3	Penalty Hours	__ Hrs.
		MSL 3020 __, 4010, __, 4020 __	3-9	Articulation penalty	__ Hrs.
		AERO 3120 __, 4110 __, 4120 __	3-9		

@AERT 2000-4999; ECT 1910, 1960, 2400; ENGT 2000-4999; TECH 3000-4000; TE 2520. Courses are in addition to those specifically listed on the sheet.

+ AERT 2150 must be taken prior to TECH 2890.

∞ All Aviation courses must be completed with a grade of C or higher.

Matriculation courses are in **BOLD PRINT** and must be completed with a grade of C or higher.

◊ Supplemental focus courses are in addition to those specifically listed on the sheet.
40 hours must be completed at the 3000-4999 level.