

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

2005-2006

B.S. In Technology

Courses Required For Major		Other Required Courses		BG Perspective Core Courses*	
Cooperative Education	12 HRS	University	36-41 HRS	Natural Sciences #	24 HRS
TECH 289 +	4	MIS 200 Mgmt Info Sys	3		
TECH 389	4	ENG 112 Varieties of Writing	3		3
TECH 489	4	MATH 122&129 or 128 or 130	3-7		3
Concentration - Flight ∞	24 HRS	MATH 126, 131 or STAT 200	3-5	Humanities & Arts #	
AERT 220 Private Ground	4	IPC 102 Speech Communication	3		3
AERT 222 Private Flight I	2	IPC 201,203,207,or 306 Comm	3		3
AERT 223 Private Flight II	2	GEOG 213 Meteorology	3	Social & Behavioral Sciences #	
AERT 280 Instrument Grd School	3	PHYS 201 College Physics**	5		3
AERT 281 Basic Instru Flight	3	MGMT 305 or AERO 311 Mgmt	3		3
AERT 282 Adv Instru Flight	3	SOC 101 Principles of Sociology**	3		3
AERT 320 Commercial Grd Sch	3	PSYC 101 General Psychology**	4	Cultural Diversity in U.S. #	
AERT 322 Basic Comm Flight I	1	Upon Advisement			3
AERT 323 Adv Comm Flight II	2	Supplemental Focus ◇	8 HRS	Core Elective #	
AERT 306 Multi-Engine Grd Sch	1	AERT 407, __ 447∞	1-3		3
Concentration - Operations	21 HRS	AERT 440, __ 443, __ 445∞	1-4		
AERT 224 ATC & NAS	3	CS OR CST 200-400, __, __, __	3-9		
AERT 240 Air Transportation	3	GEOG 125**, __ 303, __ 412	3-9		
AERT 349 Aviation Law	3	ACCT or ACT 200-300, __, __, __	3-9		
AERT 352 Aviation Safety	3	ECON 200-300, __, __, __	3-9		
AERT 354 Aviation Management	3	FIN 300-400, __, __, __	3-9		
AERT 404 Aerodynamics	3	LEGS 300-400, __, __, __	3-9		
AERT 405 Adv Aircraft Systems	3	MATH 200-400, __, __, __	3-9		
Technology - Other	12 HRS	MKT 300-400, __, __, __	3-9		
TECH 101	3	MGMT 300-400, __, __, __	3-9		
ECT 191 or 196	3	IPC 200-400, __, __, __	3-9		
TECH 302 Tech Sys in Society**	3	PSYC 311, __ 350	3-6		
TECH Elective @	3	ENVH 307	3		
		ENVS 403 or GEOG 424	3		
		MILS 302, __ 401, __ 402	3-9		
		AERO 312, __ 411, __ 412	3-9		

@ AERT 300 and above; DESN 200 and above;
TECH 303, 428; TE 252. Courses are in addition to those specifically listed on the sheet.

+ AERT 240 must be taken prior to TECH 289

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

◇ Supplemental focus courses are in addition to those specifically listed on the sheet.

Matriculation courses are shown in **BOLD PRINT** and require completion with grade of C or higher

Note: 40 hours of 300-400 level courses required.

* One selected course must have an international perspective as designated in the approved courses.

See undergraduate catalog, www.bgsu.edu/catalog

** These courses may be used to meet the BG Perspective courses requirement.

Summary

Major	69 HRS
Other required courses	44-49 HRS
BG Perspective Core	24 HRS
Total Minimum Program Hours	124 HRS
Penalty Hours	__ HRS
Articulation Penalty	__ HRS