

**AVIATION STUDIES PROGRAM
FLIGHT TECHNOLOGY AND OPERATIONS & AVIATION MANAGEMENT AND OPERATIONS**

2012-2013		<u>Av Management & Operations Specialization Continued</u>		B.S. In Technology	
<u>Courses Required For Major</u>		QS 3600 Six Sigma Syst or QS 3550 Found of	3	BG Perspective Core Courses*	30 Hrs.
Cooperative Education	8-12 hrs	TLEP 1900 Leadership or 2100 Rec Concepts	3	GSW 1120	3
TECH 2890	4	TLEP 2150 Intro to Tourism & Event Planning	3	Natural Sciences #	
TECH 3890 or TECH 4950	4	<u>Other Required Courses</u>			
TECH 4890 (optional) ***	4	University	22-24 hrs		3
Professional Core	25	BA 2030 Business Comm OR	3		3
AERT 2200 Private Pilot Ground	4	BA 2040 Intro to Entrepreneurship			
AERT 2240 ATC amd NAS	3	MATH 1280 or 1300 Precalc	3-5	Quantitative Literacy (Group A Rec.)	
AERT 3000 Air Transportation	3	COMM 1020 Speech Comm	3		3
AERT 3490 Aviation Law	3	COMM 2010 Com Theory or 2100 Intl Com	3		
AERT 3540 Aviation Management	3	MIS 2000 Mgmt Info Sys or CS 1000	3	Humanities & Arts #	
AERT 4600 Safety Mgmt Systems	3	SOC 1010 Principles of Sociology**	3		3
AERT 4680 Business Aviation	3	PSYC 1010 General Psychology**	4		3
QS 3700 Quality Change Systems	3	Upon Advisement			
<u>Select only one Specialization</u>		Supplemental Focus	6 hrs	Social & Behavioral Sciences #	
Flight Technology and Operations Specialization	36	AERT 2000-4990	1-3		3
AERT 2220 Private Pilot Flight Instruction I	2	AERO 3120, 4110, 4120	3-6		3
AERT 2230 Private Pilot Flight Instruction II	2	ACCT 2000-3990 or ACT 2000-3990	3-6		
AERT 2800 Instrument Ground School	3	BA 3000-3990	1-6	Cultural Diversity in U.S. #	
AERT 2810 Basic Instrument Flight Instruction	3	ENVH 3000-4900	3-6		3
AERT 2820 Advanced Instrucment Flight Instruction	3	ENVR 4210	3-6		
AERT 3200 Commercial Ground School	3	ENVS 4020, 4200, 4260	3-6	Core Elective #	
AERT 3220 Basic Commercial Flight Instruction	1	FIN 2000-3990	3-6		3
AERT 3230 Advanced Commercial Flight Inst.	2	GEOG 1250 ** _____, 3030 _____.	3-6		
AERT 3060 Multiengine Ground School	1	COMM 2000-4990	3-6	* One course must have an international perspective.	
AERT 3300 Digital Cockpit Instrmentation	2	LEGS 3000-4990	3-6	# See the Undergraduate Catalog for eligible courses	
AERT 4040 Adv Aerodynamics & Aircraft Perform.	3	MKT 3000-4990	3-6	at www.bgsu.edu/catalog	
AERT 4050 Advanced Aircraft Systems	3	MGMT 3000-4990	3-6	** These courses may be used to meet the	
GEOG 2130 Meteorology	3	MSL 3020 , 4010, 4020	3	BG Perspective courses requirement.	
PHYS 2010 College Physics**	5	PSYC 3110 _____, 3500 _____.	3-6		
Av Management & Operations Specialization	36	TLEP 2000-4990	3-6	Total Minimum Program Hours	122 Hrs.
ACCT 2000 or 2210 Accounting Concepts	3	<u>Technical Electives (by advisement)</u>	9 hrs	For TECH Electives, choose at least two courses 3000 level	
CONS 2350 Intro to Construction	3	ELECTIVE @	3	and above.	
CONS 2390 Construction Document Reading	3	ELECTIVE @	3	Matriculation courses are in BOLD Print	
ECON 2000 ** or 2020 ** Economics	3	ELECTIVE @	3	~ All Aviation courses must be completed with a C or higher.	
ENGT 1100 Basic CAD	3	@ - AERT 2000-4990: ARCH 2360, 2710, 3360, 3370; CONS 3000-4990; ECT		Supplemental focus courses and technology electives are in addition to	
ENVS 1010 ** Intro to Environmental Studies	3	1910-4990; ENGT 2000-4990, QS 3000-4990; TECH 3020**, 3030, 4150, 4280,		those specifically listed on the sheet.	
MGMT 3050 Prin of Organization and Management	3	4380; TECH 4800, 4890; TE 2520		When students use courses to fulfill more than one requirement the total	
MGMT 3610 Human Resource Management	3			minimum program hours of 122 may not be met.	
MKT 3000 Marketing	3			*** A third co-op, TECH 4890, can be taken to	
				fulfill a Technical Elective requirement	