

**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*	24 Hrs.
Cooperative Education	8-12 hrs	TLEP 1900 Leadership or 2100 Rec Concepts	3	Natural Sciences #	3
TECH 2890	4	TLEP 2150 Intro to Tourism & Event Planning	3		3
TECH 3890 or TECH 4950	4	<u>Other Required Courses</u>			3
TECH 4890 (optional) ***	4	University	28-30 hrs		
Professional Core	25	GSW 1120 Varieties of Writing	3	Humanities & Arts #	
AERT 2200 Private Pilot Ground	4	BA 2030 Business Comm OR	3		3
AERT 2240 ATC amd NAS	3	BA 2040 Intro to Entrpreneurship			3
AERT 3000 Air Transporation	3	MATH 1280 or 1300 Precalc	3-5		
AERT 3490 Aviation Law	3	STAT 2000 Statistics	3	Social & Behavioral Sciences #	
AERT 3540 Aviation Management	3	COMM 1020 Speech Comm	3		3
AERT 4600 Safety Mgmt Systems	3	COMM 2010 Com Theory or 2100 Intl Com	3		3
AERT 4680 Business Aviation	3	MIS 2000 Mgmt Info Sys or CS 1000	3		
QS 3700 Quality Change Systems	3	SOC 1010 Principles of Sociology**	3	Cultural Diversity in U.S. #	
<i>Select only one Specialization</i>		PSYC 1010 General Psychology**	4		3
<u>Flight Technology and Operations Specialization</u>	36	Upon Advisement			
AERT 2220 Private Pilot Flight Instruction I	2	<u>Supplemental Focus</u>	6 hrs	Core Elective #	
AERT 2230 Private Pilot Flight Instruction II	2	AERT 2000-4999	1-3		3
AERT 2800 Instrument Ground School	3	AERO 3120, 4110, 4120	3-6		
AERT 2810 Basic Instrument Flight Instruction	3	ACCT 2000-3990 or ACT 2000-3990	3-6	* One course must have an international perspective.	
AERT 2820 Advanced Instrucment Flight Instruction	3	BA 3XXX	1-6	# See the Undergraduate Catalog for eligible courses at www.bgsu.edu/catalog	
AERT 3200 Commercial Ground School	3	ENVH 3000-4900	3-6	** These courses may be used to meet the BG Perspective courses requirement.	
AERT 3220 Basic Commercial Flight Instruction	1	ENVR 4210	3-6	<u>Summary</u>	
AERT 3230 Advanced Commercial Flight Inst.	2	ENVS 4020, 4200, 4260	3-6	Major FTO	69
AERT 3060 Multiengine Ground School	1	FIN 2000-3990	3-6	Major AOS	69
AERT 3300 Digital Cockpit Instrmentation	2	GEOG 1250 ** _____, 3030 _____.	3-6	Other required courses	43-45 Hrs.
AERT 4040 Adv Aerodynamics & Aircraft Perform.	3	COMM 2000-4990	3-6	BG Perspective Core	24 Hrs.
AERT 4050 Advanced Aircraft Systems	3	LEGS 3000-4990	3-6	Total Minimum Program Hours	122 Hrs.
GEOG 2130 Meteorology	3	MKT 3000-4990	3-6		
PHYS 2010 College Physics	5	MGMT 3000-4990	3-6		
<u>Av Management & Operations Specialization</u>	36	MSL 3020 , 4010, 4020	3		
ACCT 2000 or 2210 Accounting Concepts	3	PSYC 3110 _____, 3500 _____.	3-6	For TECH Electives, choose at least two courses 3000 level and above.	
CONS 2350 Intro to Construction	3	TLEP 2000-4990	3-6	Matriculation courses are in BOLD Print	
CONS 2390 Construction Document Reading	3	<u>Technical Electives (by advisement)</u>	9 hrs	~ All Aviation courses must be completed with a C or higher.	
ECON 2000 ** or 2020 ** Economics	3	ELECTIVE @	3	Supplemental focus courses and technology electives are in addition tot hose specifically listed on the sheet.	
ENGT 1100 Basic CAD	3	ELECTIVE @	3	When students use courses to fulfill more than one requirement the total minimum program hours of 122 may not be met.	
ENVS 1010 ** Intro to Environmental Studies	3	ELECTIVE @	3		
MGMT 3050 Prin of Organization and Management	3				
MGMT 3610 Human Resource Management	3	@ - AERT 2000-4990: ARCH 2360, 2710, 3360, 3370; CONS 3000-4990; ECT 1910-4990; ENGT 2000-4990, QS 3000-4990; TECH 3020**, 3030, 4150, 4280, 4380; TECH 4800, 4890; TE 2520		*** A third co-op, TECH 4890, can be taken to fulfill a Technical Elective requirement	
MKT 3000 Marketing	3				