

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

Fall 2014			<u>Av Management & Operations Specialization Continued</u>	<u>B.S. In Technology</u>
<u>Courses Required For Major</u>			QS 3600 Six Sigma Syst or QS 3550 Found of	BG Perspective Core Courses*
Cooperative Education	8-12 hrs		TLEP 1900 Leadership or 2100 Rec Concepts	30 Hrs.
TECH 2890	4		TLEP 2150 Intro to Tourism & Event Planning	3
TECH 3890 or TECH 4950	4		<u>Other Required Courses</u>	Natural Sciences #
TECH 4890 (optional) ***	4		University	22-24 hrs
Professional Core	25		BA 2030 Business Comm OR	3
AERT 2200 Private Pilot Ground	4		ESHP 2040 Intro to Entrepreneurship	3
AERT 2240 ATC amd NAS	3		MATH 1280 or 1300 Precalc	3-5
AERT 3000 Air Transportation	3		COMM 1020 Speech Comm	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
AERT 4600 Safety Mgmt Systems	3		SOC 1010 Principles of Sociology**	3
AERT 4680 Business Aviation	3		PSYC 1010 General Psychology**	4
QS 3700 Quality Change Systems	3		Upon Advisement	
<i>Select only one Specialization</i>			Supplemental Focus	6 hrs
Flight Technology and Operations Specialization	36		AERT 2000-4990	1-3
AERT 2220 Private Pilot Flight Instruction I	2		AERO 3120, 4110, 4120	3-6
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
AERT 2810 Basic Instrument Flight Instruction	3		ENVH 3000-4900	3-6
AERT 2820 Advanced Instruement Flight Instruction	3		ENVR 4210	3-6
AERT 3200 Commercial Ground School	3		ENVS 4020, 4200, 4260	3-6
AERT 3220 Basic Commercial Flight Instruction	1		FIN 2000-3990	3-6
AERT 3230 Advanced Commercial Flight Inst.	2		GEOG 1250 **_____, 3030 _____	3-6
AERT 3060 Multiengine Ground School	1		COMM 2000-4990	3-6
AERT 3300 Digital Cockpit Instrmentation	2		LEGS 3000-4990	3-6
AERT 4040 Adv Aerodynamics & Aircraft Perform.	3		MKT 3000-4990	3-6
AERT 4050 Advanced Aircraft Systems	3		MGMT 3000-4990	3-6
GEOG 2130 Meteorology	3		MSL 3020 , 4010, 4020	3
PHYS 2010 College Physics**	5		PSYC 3110 _____, 3500 _____	3-6
Av Management & Operations Specialization	36		TLEP 2000-4990	3-6
ACCT 2000 or 2210 Accounting Concepts	3		<u>Technical Electives (by advisement)</u>	9 hrs
CONS 2350 Intro to Construction	3		ELECTIVE @	3
CONS 2390 Construction Document Reading	3		ELECTIVE @	3
ECON 2000 ** or 2020 ** Economics	3		ELECTIVE @	3
ENGT 1100 Basic CAD	3			
ENVS 1010 ** Intro to Environmental Studies	3		@ - AERT 2000-4990; ARCH 2360, 2710, 3360, 3370; CONS 3000-4990;	
MGMT 3050 Prin of Organization and Management	3		ECT 1910-4990; ENGT 2000-4990, QS 3000-4990; TECH 3020**, 4000, 4300,	
MGMT 3610 Human Resource Management	3		4310, 4330; TECH 4800, 4890; TE 2520	
MKT 3000 Marketing	3			

* One course must have an international perspective.

See the Undergraduate Catalog for eligible courses at www.bgsu.edu/catalog

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

Total Minimum Program Hours 122 Hrs.
 For TECH Electives, choose at least two courses 3000 level and above.

Matriculation courses are in **BOLD Print**
 ~ All Aviation courses must be completed with a C or higher.
 Supplemental focus courses and technology electives are in addition to those specifically listed on the sheet.
 When students use courses to fulfill more than one requirement the total minimum program hours of 122 may not be met.

*** A third co-op, TECH 4890, can be taken to fulfill a Technical Elective requirement