

**AVIATION STUDIES PROGRAM
COLLEGE OF TECHNOLOGY
AVIATION TECHNICAL MANAGEMENT (ATM)**

2005-2006

B.S. In Technology

Courses Required For Major	Other Required Courses	
<u>Cooperative Education</u> 12 HRS	<u>University</u> 43-49 HRS	<u>BG Perspective Core Courses*</u> 24 HRS
TECH 289 + 4	BA 203 Written Comm Bus 3	Natural Sciences # 3
TECH 389 4	MIS 200 Mgmt Info Sys 3	3
TECH 489 4	ENG 112 Varieties of Writing 3	3
<u>Concentration - Aviation ∞</u> 21 HRS	MATH 122&129 or 128 or 130 3-7	Humanities & Arts # 3
AERT 240 Air Transportation 3	MATH 126 or STAT 200 or 211 3-5	3
AERT 348 Airport Operations 3	PHYS 201 College Physics** 5	3
AERT 349 Aviation Law 3	PHYS 202 College Physics** 5	3
AERT 352 Aviation Safety 3	ECON 200 or 202 Economics** 3	Social & Behavioral Sciences # 3
AERT 354 Aviation Management 3	IPC 102 Speech Communication 3	3
AERT 405 Aircraft Systems 3	SOC 101 Principles of Sociology** 3	3
AERT 490 Problems in Aviation 3	MGMT 300 Production & Ops Mgmt 3	3
<u>Concentration - Technology</u> 27 HRS	MGMT 305 or AERO 311 Mgmt 3	Cultural Diversity in U.S. # 3
TECH 101 Technology I 3	ACCT 200 or 221 Accounting 3	Core Elective # 3
MFG 112 Intro Manufacturing 3	Upon Advisement	
DESN 104 Design Graphics 3	<u>Supplemental Focus ◇</u> 9 HRS	
DESN 131 Basic CAD 3	AERT 200-400, __, __, __ 3-9	
DESN 243 Statics & Strength 3	CS OR CST 200-400, __, __, __ 3-9	
ECT 240 Electricity 3	ECON 200-400, __, __, __ 3-9	
ECT 241 Electronics 3	ENG 388 3	
ECT 191 or 196 3	MKT 300-400, __, __, __ 3-9	
TECH 302 Tech Sys in Society 3	MGMT 300-400, __, __, __ 3-9	
Upon Advisement	IPC 200-400, __, __, __ 3-9	
<u>Electives - Technology</u> 6 HRS	ENVH 306, __, 307 3-6	
MFG α __, __ 3-6	MILS 302, __ 401, __ 402 3-9	
ECT α __, __ 3-6	AERO 312, __ 411, __ 412 3-9	
DESN α __, __ 3-6	OR 380 3	
FAA Airframe & Powerplant ‡ 3-6		
Electives @ __, __ 3-6		
	α Related courses from Firelands, Owens, or other accredited 2 or 4-year institutions.	
	‡ A person with a FAA A&P certificate is eligible for portfolio review or credit by exam/validation.	
	◇ 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	
		* 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.
		∞ All Aviation courses must be completed with a grade of C or higher.
		Summary
		Major 68 HRS
		Other required courses 52-58 HRS
		BG Perspective Core 24 HRS
		Total Minimum Program Hours 127 HRS
		Penalty Hours ___ HRS
		Articulation Penalty ___ HRS

@ AERT 200 and above; DESN 200 and above; ECT 200 and above; MATS 401; any MFG; QS TECH 200 or above; TE 252; Courses are in addition to those specifically listed on the sheet.

+ AERT 240 must be taken prior to TECH 289