

Note: When viewing on-line, click any underlined course prefix to display current course descriptions (may not be available in some browsers).

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

2008-2009

B.S. In Technology

<u>Courses Required For Major</u>		<u>Other Required Courses</u>		<u>BG Perspective Core Courses*</u>
Cooperative Education	8 Hrs.	University	40-42 Hrs.	
<b>TECH 289</b>	<b>4</b>	<b>BA 203 Written Comm Bus</b>	<b>3</b>	
TECH 389	4	<b>MIS 200 Mgmt Info Sys</b>	<b>3</b>	Natural Sciences #
		<b>ENG 112 Varieties of Writing</b>	<b>3</b>	6 Hrs.
Concentration - Aviation ∞	33 Hrs.	MATH 126 or 131	3-5	3
<b>AERT 215+ Ground Operations</b>	<b>3</b>	<b>STAT 200 or 211</b>	<b>3</b>	
<b>AERT 224 Air Traffic Control</b>	<b>3</b>	PHYS 201 College Physics**	5	Humanities & Arts #
AERT 300 Air Transportation	3	PHYS 202 College Physics**	5	6 Hrs.
AERT 348 Airport Operations	3	ACCT 200 or 221 Accounting	3	3
AERT 349 Aviation Law	3	ECON 202 Economics**	3	
AERT 353 Airport Oper. Plans	3	IPC 102 Speech Communication	3	Social & Behavioral Sciences #
AERT 354 Aviation Management	3	MGMT 300 Production & Ops Mgmt	3	6 Hrs.
AERT 405 Aircraft Systems	3	MGMT 305 or AERO 311 Mgmt	3	3
AERT 435 Airport Administration	3	Upon Advisement		Cultural Diversity in U.S. #
AERT 456 Airpt. Planning/Design	3	Supplemental Focus ◇	6 Hrs.	3 Hrs.
AERT 460 Safety Mgmt. Systems	3	AERT 200-499 ____, ____, ____	3-6	3
Concentration - Technology	18 Hrs.	CS or CST 200-499 ____, ____, ____	3-6	Core Elective #
<b>ENGT 100 Intro to Eng Tech</b>	<b>3</b>	ECON 200-499 ____, ____, ____	3-6	3 Hrs.
ENGT 110 (DESN 131) CAD	3	ENG 388	3	3
ARCH 105 or DESN 104	3	MATS 401, 402 ____, ____, ____	3-6	
CONS 239 Cons. Doc. Reading	3	MKT 300-499 ____, ____, ____	3-6	* One course must have an international perspective.
ENGT 240 Strength of Material	3	MGMT 300-499 ____, ____, ____	3-6	# See the Undergraduate Catalog for eligible course
ECT 240 Electric Circuits	3	IPC 200-499 ____, ____, ____	3-6	** These courses may be used to meet the BG Perspective courses requirement.
Upon Advisement @		ENVH 300-499 ____, ____, ____	3-6	
Technology Core	9 Hrs.	SOC 101 **	3	<u>Summary</u>
AERT, DESN, ECT, ENGT, MFG,		ENVR 421	3	Major
QS, TE, TECH ____, ____, ____	3-9	MSL 302, 401, 402 ____, ____, ____	3-6	68 Hrs.
FAA Airframe & Powerplant ‡	3-9	AERO 312, 411, 412 ____, ____, ____	3-6	Other required courses
		OR 380	3	46 Hrs.

+ AERT 215 must be taken prior to TECH 289.

‡ A person with a FAA A&P certificate is eligible for portfolio review or credit by exam/validation.

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

Matriculation requirements are in **BOLD PRINT** and require completion with a grade of C or higher.

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

@ AERT 200-499; DESN 200-499; ECT 200-499; MFG 100-299; TECH 200-499; TE 200-499; QS 200-499. Courses are in addition to other listed requirements.

BG Perspective Core	24 Hrs.
Total Minimum Program Hours	122 Hrs.
Penalty Hours	__ Hrs.