

DRAFT

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

2010-2011

B.S. In Technology

<u>Courses Required For Major</u>		<u>Other Required Courses</u>		<u>BG Perspective Core Courses*</u>
<u>Cooperative Education</u>	8 Hrs.	<u>University</u>	40-43 Hrs.	
TECH 2890	4	BA 2030 Written Comm Bus	3	
TECH 3890	4	MIS 2000 Mgmt Info Sys	3	Natural Sciences # <u>6 Hrs.</u>
		GSW 1120 Academic Writing	3	<u>3</u>
<u>Concentration - Aviation ∞</u>	<u>33 Hrs.</u>	MATH 1260 or 1310	3-5	<u>3</u>
AERT 2150+ Ground Operations	3	STAT 2000 or 2110	3	
AERT 2240 Air Traffic Control	3	PHYS 2010 College Physics**	5	Humanities & Arts # <u>6 Hrs.</u>
AERT 3000 Air Transportation	3	PHYS 2020 College Physics**	5	<u>3</u>
AERT 3480 Airport Operations	3	ACCT 2000 or 2210 Accounting	3	<u>3</u>
AERT 3490 Aviation Law	3	ECON 2020 Economics**	3	
AERT 3820 Airport Oper. Plans	3	COMM 1020 Intro. to Communication	3	Social & Behavioral Sciences # <u>6 Hrs.</u>
AERT 3540 Aviation Management	3	MGMT 3000 Production & Ops Mgmt	3	<u>3</u>
AERT 4050 Aircraft Systems	3	MGMT 3050 or AERO 3110 Mgmt	3	<u>3</u>
AERT 4350 Airport Administration	3			
AERT 4560 Airpt. Planning/Design	3	Upon Advisement		Cultural Diversity in U.S. # <u>3 Hrs.</u>
AERT 4600 Safety Mgmt. Systems	3	<u>Supplemental Focus ◇</u>	<u>6 Hrs.</u>	<u>3</u>
		AERT 2000-4999 ____, ____, ____, ____	3-6	
<u>Concentration - Technology</u>	<u>18 Hrs.</u>	CS or CST 2000-4999 ____, ____, ____	3-6	Core Elective # <u>3 Hrs.</u>
ENGT 1000 Intro to Eng Tech	3	ECON 2000-4999 ____, ____, ____	3-6	<u>3</u>
ENGT 1100 (DESN 131) CAD	3	ENG 3880	3	
ARCH 1050 or DESN 1040	3	MATS 4010, 4020 ____, ____, ____	3-6	
CONS 2390 Cons. Doc. Reading	3	MKT 3000-4999 ____, ____, ____	3-6	
ENGT 2400 Strength of Material	3	MGMT 3000-4999 ____, ____, ____	3-6	
ECT 2400 Electric Circuits	3	COMM 2000-4999 ____, ____, ____	3-6	
		ENVH 3000-4999 ____, ____, ____	3-6	
<u>Upon Advisement @</u>		SOC 1010 **	3	<u>Summary</u>
<u>Technology Core</u>	<u>9 Hrs.</u>	ENVR 4210	3	
AERT, DESN, ECT, ENGT, MFG,		MSL 3020, 4010, 4020 ____, ____, ____	3-6	Major <u>68 Hrs.</u>
QS, TE, TECH ____, ____, ____	3-9	AERO 3120, 4110, 4120 ____, ____, ____	3-6	
FAA Airframe & Powerplant ‡	3-9	OR 3800	3	Other required courses <u>46 Hrs.</u>

+ AERT 2150 must be taken prior to TECH 2890.
 ‡ 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 2000-4999; DESN 2000-4999; ECT 2000-4999; MFG 1000-2999; TECH 2000-4999; TE 2000-4999; QS 2000-4999. Courses are in addition to other listed requirements.

* One course must have an international perspective.
 # See the Undergraduate Catalog for eligible course
 ** These courses may be used to meet the BG Perspective courses requirement.

<u>Summary</u>	
Major	68 Hrs.
Other required courses	46 Hrs.
BG Perspective Core	24 Hrs.
Total Minimum Program Hours	122 Hrs.
Penalty Hours	__ Hrs.