

Aeronautical Engineering Technology - Plan of Study Fall 2009

Name: _____ Entry Date _____

Associate of Applied Science Courses (AEROT-AS)

* = Typically offered in fall only

** = Typically offered in spring only

First Sem.	Substitute	Gr		Second Sem.	Substitute	Gr		Third Sem.	Substitute	Gr		Fourth Sem.	Substitute	Gr	
AT 10000*			1	AT 10800**			4	AT 20800*			3	AT 26500/ECET 10900** ²			4/3
AT 10500/ECET 10700* ²			3/4	AT 20700**			3	AT 26700*			3	AT 27100**			3
AT 10600			3	AT 26200**			4	AT 27200*			3	AT 27800**			3
CGT 16300			2	ENGL 10600/10800			3	ECON 21000/25100			3	COM 11400			3
MA 15900			5	MA 22100			3	PHYS 21800			4	PSY 12000			3
Total			14/ 15	Total			17	Total			16	Total			16/ 15

Students must complete ALL the courses listed above before they will be permitted to enroll in 30000-40000 level aviation courses.

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Bachelor of Science Courses (AEROENGT-BS)

Fifth Sem.	Substitute	Gr		Sixth Sem.	Substitute	Gr		Seventh Sem.	Substitute	Gr		Eighth Sem.	Substitute	Gr	
AT 30000			3	AT 30800**			3	AT 37200			3	AT 40200			3
AT 30700*			3	AT 33500**			4	AT 40800*			3	AT 49700**			3
AT 36300*			3	AT 37000			3	AT 44500*			4	OLS/MGMT Selective ¹			3
AT 40000			1	AT 37600			3	AT 47600			3	POL 10100/13000			3
ENGL Sel ¹			3	AT 38500**			3	AT 49600*			1	TECH COM Sel ¹			3
STAT 30100			3									Globalization ³			
Total			16	Total			16	Total			14	Total			15

¹ Information about selective courses may be found on the reverse side of this sheet.

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² Students must complete AT 10500 and AT 26500, or they must complete ECET 10700 and ECET 10900. They may NOT complete one AT and one ECET course in this two-course sequence.

³ Globalization: Due to the international nature of the aviation industry, all B.S. degree students must complete a globalization requirement using one of the following options:

- a. Complete any university-sponsored study abroad program lasting at least 7 days
- b. Complete an internship or approved international research project that involves at least 7 days of international travel
- c. Provide documentation of having lived/traveled outside the U.S. for at least 15 days after a student's 12th birthday.
- d. Complete or place out of the Level IV course in any foreign language.

AERONAUTICAL ENGINEERING TECHNOLOGY SELECTIVE COURSES AND INFORMATION

GENERAL EDUCATION SELECTIVE COURSES

ENGL Sel (Sem 5): ENGL 42000, 42100

OLS/MGMT Sel (Sem 8): MGMT 20000, OLS 25200

TECH COM Sel (Sem 8): COM 31500, 32000, 32400, 41500

CTI AIR TRAFFIC CONTROL ENDORSEMENT

All AT students may add the CTI ATC Endorsement if desired. To be eligible to add the CTI ATC Endorsement to your AET degree program you must complete your degree in Aeronautical Engineering Technology with the following specific courses included in the degree program (no substitutions). Students must obtain a grade of 'C' or better in the required courses to be eligible for CTI endorsement.

AT 10000 Introduction to Aviation
AT 10600 Basic Aircraft Science
AT 14400 Fundamentals of Flight
AT 20700 Introduction to Aircraft Systems
AT 26200 Basic Aircraft Powerplant Technology
AT 28500 ATC Procedures and Weather
AT 36900 Air Traffic Control
AT 47900 Control Tower Operator
AT 48100 Aviation Safety

Completion of the online **Air Traffic Control Preparation** course and associated examination.

This course is designed to prepare individuals for success in the Federal Aviation Administration (FAA) air traffic controller training program. Through the use of online lectures, programmed learning workbooks, presentations, and exams, this course will cover all the material required prior to employment by the FAA. This material includes air traffic control procedures, federal aviation regulations, aviation weather observation and reporting, principles of navigation, and the use and interpretation of aeronautical charts. The course is offered through Continuing Education and has a separate fee. Students have access to the material for three years upon enrollment. Students must obtain a minimum of 80% on each section of the examination.