

SCHOOL OF AEROSPACE ENGINEERING CREDIT SHEET
for FRESHMEN BEGINNING SUMMER 2017 AND LATER

NOTE#	COURSE	hrs
*Pre-requisite w/concur.		
**Co-requisite		

Course may be taken at any time

NAME: _____
GT ID NO: _____
ADVISOR: _____

Freshman	SEMESTER 1	MATH 1552* Integral Calculus MATH 1551	4	¹ CHEM 1310 or (1211K & 1212K)	4	CS 1371 Computing	3	APPH 1040/50	2	ENGL 1101 Eng Comp 1	3	16
	SEMESTER 2	MATH 1553 Intro. Lin. Algebra MATH 1552	2	PHYS 2211 Phys 1 MATH 1552*	4	AE 1601 Intro to AE MATH 1551	1	² SOC SCI HIST 2111 or 2112 or POL 1101 or INTA 1200 or PUBB 3000	3	ENGL 1102 Eng Comp 2 ENGL 1101	3	ME 1770 Eng Graphics

Sophomore	SEMESTER 1	MATH 2551 Multivariable Calc MATH 1552, MATH 1553	4	PHYS 2212 Phys 2 PHYS 2211	4	COE 2001 Statics MATH 1552, PHYS 2211	2	MSE 2001 Eng Materials CHEM 1310 or 1211K	3	³ ECON ECON 2100 or 2101 or 2105 or 2106	3	16
	SEMESTER 2	MATH 2552 Differential Eqns MATH 1552, MATH 1553	4	AE 2010 ThermoFluid Fundamentals MATH 2551, PHYS 2211, CHEM	4	AE 2220 Dynamics COE 2001, MATH 2552*	3	ECE 3710 Circuits PHYS 2212	2	AE 2610 Intro to Exp Methods AE1601, MATH2551*, PHYS2212*, COE2001*, AE2611**	1	AE 2611 Tech Comm AE 2610**

Junior	SEMESTER 1	MATH xxxx Math Option Course Dependent	3	AE 3030 Aerodynamics AE 2010	4	COE 3001 Def Bods COE 2001, MATH 2552*	3	AE 3530 Sys Dynamics & Vib AE 2220, MATH 2552	3	AE 3330 Vehicle Perf MATH 2552, AE 3030*	3	ECE 3741 Circuits Lab ECE 3710	1
	SEMESTER 2	AE 3340 Design Methods AE 1601, CS 1371, Math 2551	2	AE 4451 Jet/Rocket Pro AE 2010	3	AE 3140 Structural Analysis COE 3001	3	AE 3531 Control System A&D AE 3530	3	AE 3610 Exp Fluid/Solid Mech AE2610, AE2010, COE3001	2	FREE	3

Senior	SEMESTER 1	AE 4341/2/3 Senior Design AE 3330, AE 3340	3	AE 4xxx AE Option I	2	⁶ HUM ELEC	3	AE 4531/2 Air/Space Flight Dynamics AE 3030, 3531* / AE 3330, 3530	3	FREE	3	⁴ SOC SCI	3
	SEMESTER 2	AE 4xxx AE Option II	3	AE 4xxx AE Option III	3	⁶ HUM ELEC	3	FREE	3	AE 4610 Dyn&Control Lab AE2010, AE2610, AE3531	2	⁴ SOC SCI	3

REQUIREMENTS

- Must repeat ALL Ds in Math & Physics the next term at GT
- Min. C required in Math & Physics to schedule AE courses with Math or Physics pre-req
- Min. C required in COE 2001, AE 2010 & AE 2220 (Min. C also required to schedule AE courses with any of these courses as a pre-req)
- No more than 2 Ds in required AE & COE courses (except 1350)
- GPA > 2.0 to schedule COE 2001 or AE 2010
- GPA > 2.0 in AE courses to graduate with BSAE
- Only free electives may be taken pass/fail. All other classes must be taken on a letter grade basis
- Total credit hours = 132

+Assumes credit for Math 1551, otherwise sub Math 1551 & 1553