Georgia Daniel Guggenheim School Tech of Aerospace Engineering

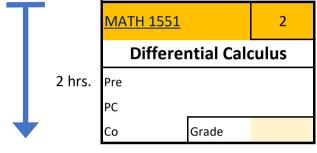
Courses Required for BS in Aerospace Engineering Degree Sample Order of Coursework

The following may be taken anytime: HUM Electives **Notes:** 6 hrs needed **SOC SCI Electives** 6 hrs needed

> **Free Electives** 9 hrs needed

Course Tile KEY Click on Course No. for catalog description Cred Hrs **Course Title** For AE courses, click on Course Title for syllabus Pre *Prerequisite* Must be taken before the course Must be taken either before or at the same time PC Prerequisite with concurrency Enter grade earned in yellow box Co Co-Req

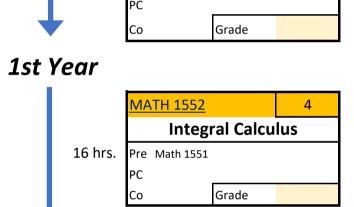
Must be taken during the same semester as the course

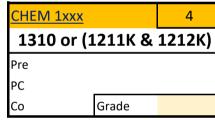


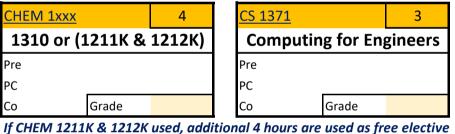
ENGL 1101 and ENGL 1102 must be completed in the first 30 hours.

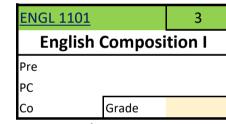
Study abroad programs may have more flexible prereq requirements for a few courses.

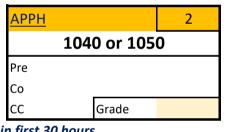
Credit for Math 1551 is often earned before 1st year via AP credits But if not, Math 1551 may be taken with Math 1553 in the 1st sem (and Math 1552 taken in 2nd sem)



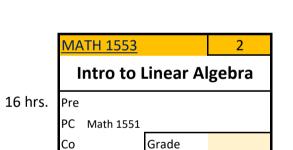


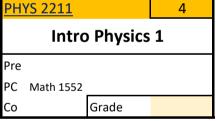


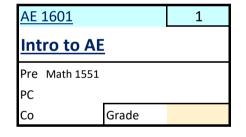


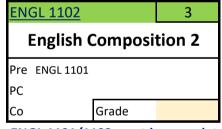


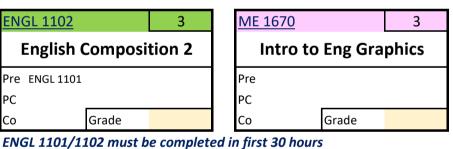
ENGL 1101/1102 must be completed in first 30 hours











SOC SCI		3	
HIST 2111, HIST 2112, POL 1101,			
INTA 1200, or PUBP 3000			
Pre			
PC			
Со	Grade		
Credit not all	owed for b	oth INTA 1	200 & POL 1101

Course Categories

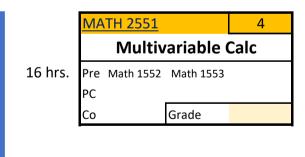
GT & Engineering Core Tech Course Req by AE

AE Core Course

AE Option Course Free Elective

Humanities **Social Sciences**

2nd Year



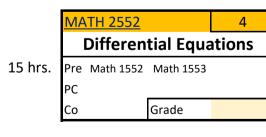
PH	<u>/S 2212</u>		4
	Intro	Physics	2
Pre	Phys 2211		
PC			
Со		Grade	
	•	•	•

	5	Statics	
Pre	Math 1552	Phys 2211	
PC			
Со		Grade	

MS	E 2001		3
١	Enginee	ring Mat	terials
Pre	Chem 1xxx		
PC			
Со		Grade	

ECON		3
2100,	2101, 2105, 0	or 210 6
Pre		
PC		
Co	Grade	

Pre		
PC		
Co	Grade	



AE	<u> 2010</u>		4
<u>Th</u>	ermo an	d Fluid I	Fund.
Pre	Math 2551	Phys 2211	Chem 1xxx
PC			
Со		Grade	
		•	

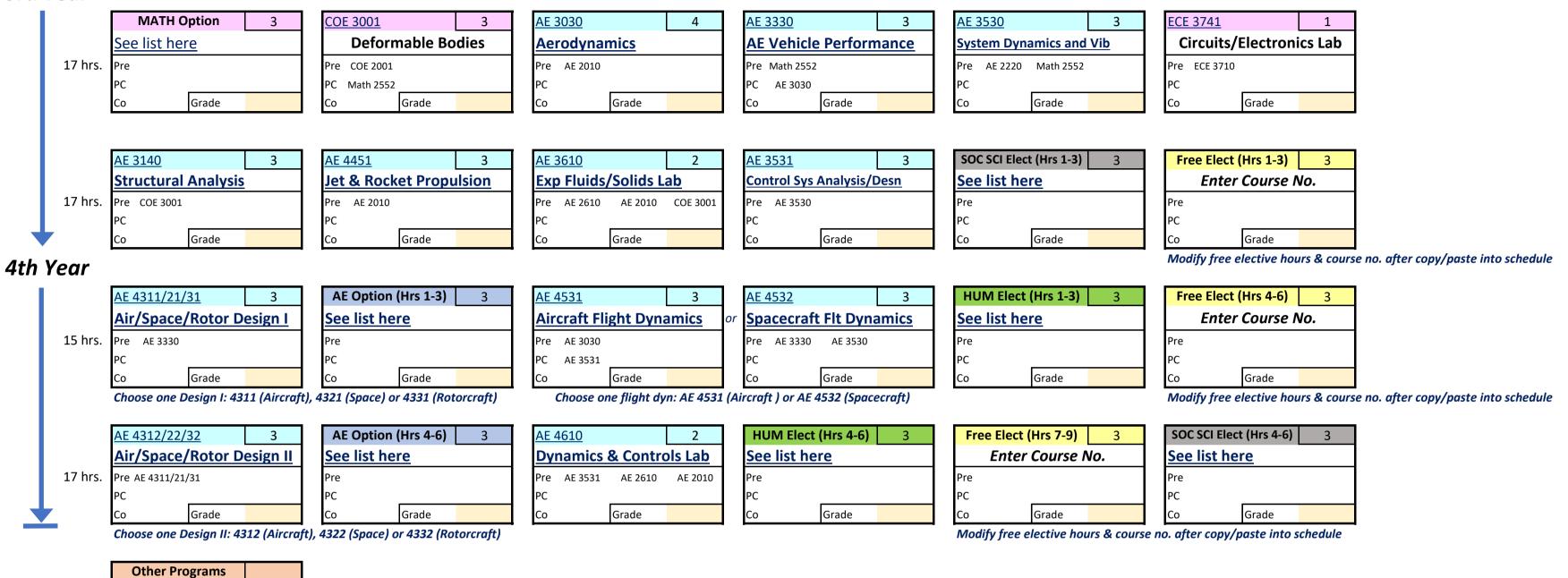
AE 2220			3
Dy	<u>namics</u>		
Pre	COE 2001		
PC	Math 2552		
Со		Grade	

AE 2610		1	AE 26:	11
Intro Exp N	Methods	<u>Lab</u>	<u>Tech</u>	ni
Pre AE 1601			Pre	
PC Math 2551	Phys 2212	COE 2001	PC	
Co AE 2611	Grade		Co AE	261
				_

AE 2611		1
Technical	Comm fo	r AE
Pre		
PC		
Co AE 2610	Grade	

ECE	3710		2
C	ircuits a	nd Elect	ronics
Pre	Phys 2212		
PC			
Со		Grade	

3rd Year



May use this tile to represent as many courses as needed for optional programs beyond the BSAE degree requirements.

Notes: 1 Total credit hours = 131

Enter Course No.

Grade

2 A grade of C or better is required in each 1000- and 2000-level mathematics and physics course

Examples: Minor, ROTC, Double-Major, ...

Modify credit hours & course no. after copy/paste into schedule

These courses do not count toward 131 credit hours used for BSAE degree

- **3** Math or physics course with a D or F grade must be repeated next semester student is in residence
- 4 A cumulative GPA of 2.0 or higher is required to schedule COE 2001 or AE 2010
- **5** A grade of C or better must be attained in all required 2000-level AE and COE courses
- **6** At the 3000-level and above, no more than two D grades are permitted in required AE (core & AE options) and required COE courses. Additional D grades must be repeated
- 7 Only free electives may be taken pass/fail. All other courses must be taken on a letter grade basis
- 8 Minimum cumulative GPA to graduate is 2.0