



COLLEGE OF ENGINEERING
Major Form for
Bachelor of Science in **Aerospace Engineering**

Name: **Xatzis** **Kostas** **Y.**
(last) (first) (MI)

Proposed Graduation Date: Spring 2015
Semester Year

Catalog Year for Graduation: 2018

Minimum No. of units for the Degree: 120

Focus Area (*check*) Aircraft Design
Space Transportation & Exploration

Required Courses For Major (58 Units)					Required Courses (Continued)				
Dept.	No.	Title	Units	Grade	Dept.	No.	Title	Units	Grade
1. English	1B	Argument & Analysis	3	A	12. AE	160	Aerodynamics I	3	A
2. Engr.	10	Intro. to Engineering	2	A	13. AE	162	Aerodynamics II	3	
3. AE	20	CAD for Aero. Engineers	2	A	14. AE	164	Aerothermodynamics	5	
4. AE	30	Comp. Prog. for Aero. Eng	3	B	15. AE	165	Aero. Flight Mechanics	3	
5. Mat E	25	Intro. to Materials	3		16. AE	167	Aerospace Propulsion	3	
**Engr.	66	Properties of Materials	5	C	**ME	188	Propulsion Systems	3	A-
6. EE	98	Intro. to Circuit Analysis	3		17. AE	168	Aero. Vehicle Dyn. & Control	3	
*EE	77	Get Plugged	4Q	B+	18. AE	169	Comp. Fluid Dynamics	3	
7. Engr	100W	Engineering Reports	3	A	Capstone Courses (8 Units)				
8. AE	112	Aero. Structural Anal. I	4		19. AE	171A	Aircraft Design I	3	
CE	95	Statics	3	A+	20. Engr	195A	Glo. & Soc. Issues in Engr.	1	
CE	112	Strength of Materials	3	B-	21. AE	171B	Aircraft Design II	3	
9. AE	114	Aero. Structural Anal. II	3	A	22. Engr	195B	Glo. & Soc. Issues in Engr.	1	
10. AE	138	Vector-Based Dynamics	3	B-	Technical Elective (3 Units)				
11. AE	140	Rigid Body Dynamics			23. AE	110	Space Systems Engr.	3	
12. AE	157	Aero. Auto.Cont. Sys. Des	3	C					

*Course taken at Heavenly Valley CC

**Course taken at MIT

Courses Required in Preparation for the Major (33 Units)									
Dept.	No.	Title	Units	Grade	Dept.	No.	Title	Units	Grade
25. Chem	1A	Chemistry for Engineers	5	A	30. Math	133A	Ordinary Differential Eqs.	3	
26. Math	30	Calculus I	3		*Math	1A	Extraordinary Differential Eqs.	5Q	C-
*Math	1A	Using worms 2 calc. areas	5Q	B	31. Phys	50	Univ. Physics: Mechanics	4	A-
27. Math	31	Calculus II	4	C	32. Phys	51	Univ. Physics: Elect. & Mag	4	B-
28. Math	32	Calculus III	3	A-	33. Phys	52	UPhys.: Waves, Light & He	4	C-
29. Math	129A	Linear Algebra I	3	B-					

To qualify for a baccalaureate degree in Aerospace Engineering, a student must receive a grade of 'C' or better in all courses required for the Major (all courses showing on this Form) AND earn a cumulative grade point average of at least "C" (2.0) in each one of the following 4 categories:

1. All college work (Overall GPA)
2. All units attempted at SJSU (SJSU GPA)
3. All units in the major (Major GPA)
4. All units in a minor, if any (Minor GPA).

AE Department Chair

Date