No.	Year	Semester	Classification	Course No.	Course Title	Credit
1	1	1	Required Courses	009045	Enterpreneurship 1	1
2	1	1	Required Courses	009067	Writing and Presentation for Problem-solving	3
3	1	1	Required Courses	011238	The Universe, Nature and Mankind	1
4	1	1	Required Courses	011302	Freshmen Seminar A	1
5	1	1	Science & Mathematics Co	001357	Calculus 1	3
6	1	1	Science & Mathematics Cou	002638	Physics 1	3
7	1	1	Science & Mathematics Co	011298	Basics of Software and Coding	3
8	1	1	Major: Required	007620	Basics of Creative Engineering Design	3
9	1	1	Required Courses	009068	Western Philosophy : Issue and Discussion	3
10	1	2	Required Courses	011303	Freshmen Seminar B	1
11	1	2	Required Courses	011304	College English	2
12	1	2	Science & Mathematics Co	001362	Calculus 2	3
13	1	2	Science & Mathematics Co	02641	Physics 2	3
14	1	2	Science & Mathematics Co	011299	Application of Programming Language-C	3
15	1	2	Major: Elective	004325	Engineering Mechanics	3
16	2	1	Science & Mathematics Co	000304	Mathematics for Engineers 1	3
17	2	1	Science & Mathematics Co	002705	Chemistry 1	3
18	2	1	Science & Mathematics Co	011322	Application of Advanced Artificial Intelligence	3
19	2	1	Major: Required	004510	Solid Mechanics	3
20	2	1	Major: Required	004714	Thermodynamics	3
21	2	1	Major: Required	008297	Introduction to Aerospace Engineering	3
22	2	2	Science & Mathematics Co	000307	Mathematics for Engineers 2	3
23	2	2	Major: Required	004513	Ideal Fluid Mechanics	3
24	2	2	Major: Required	004642	Dynamics	3
25	2	2	Major: Elective	001727	Linear Algebra	3
26	2	2	Major: Elective	009239	SW Applications in Aerospace Engineering 1	3
27	3	1	Major: Required	006885	Flight Mechanics	3
28	3	1	Major: Elective	004715	Vibrations	3
29	3	1	Major: Elective	004755	Aircraft Structural Mechanics	3
30	3	1	Major: Elective	004756	Compressible Aerodynamics	3
31	3	1	Major: Elective	005237	Advanced Materials for Aerospace	3
32	3	1	Major: Elective	007054	Orbital Mechanics	3
33	3	1	Major: Elective	007266	Mechatronics Design and Application	3
34	3	1	Major: Elective	009833	Aircraft Drafting & CAD	3
35	3	1	Major: Elective	010662	The Comprehensive Design on Mechatronics	3
36	3	2	Major: Elective	004102	Numerical Analysis	3
37	3	2	Major: Elective	004475	Automatic Control	3
38	3	2	Major: Elective	004868	Aircraft Propulsion	3
39	3	2	Major: Elective	005243	Satellite Application	3
40	3	2	Major: Elective	006587	Introduction to MEMS	3
41	3	2	Major: Elective	007055	Computational Structure Analysis Practice	3
42	3	2	Major: Elective	007265	Aerospace Sensors and Signal Processing	3
43	3	2	Major: Elective	009834	Aircraft Design	3
44	3	2	Major: Elective	010921	Autonomous Flight Vehicle System Design 1	3
45	4	1	Required Courses	011183	Employment, Start-up and Career Planning	1
46	4	1	Major: Elective	006164	Design of UAV System 1	3
47	4	1	Major: Elective	006886	Simulation System Design	3
48	4	1	Major: Elective	007164	Applied Aerodynamics Design	3
49	4	1	Major: Elective	007268	Avionics Navigation System Design	3
50	4	1	Major: Elective	008115	Rocket Mechanics and Design	3
51	4	1	Major: Elective	009249	Aerospace Engineering Study 1	3
52	4	1	Major: Elective	009835	Capstone Design 1	3
53	4	1	Major: Elective	010111	Independent Study and Career Skills/Senior Projec	1
54	4	1	Major: Elective	010922	Autonomous Flight Vehicle System Design 2	3
55	4	2	Major: Elective	004862	Heat Transfer	3
56	4	2	Major: Elective	006303	Design of UAV System 2	3
57	4	2	Major: Elective	006887	Guidance and Control System Design	3
58	4	2	Major: Elective	007056	Helicopter Engineering and Design	3
59	4	2	Major: Elective	009249	Aerospace Engineering Seminar	3
60	4	2	Major: Elective	009194	Aerospace Engineering Study 2	3
61	4	2	Major: Elective	009195	SW Applications in Aerospace Engineering 2	3
62	4	2	Major: Elective	009836	Capstone Design 2	3
63	4	2	Major: Elective	010112	Independent Study and Career Skills/Senior Projec	1
64	4	2	Major: Elective	010923	Autonomous Navigation System Design	3