B1 *(B1.1/B1.2/B1.3/B1.4)*

NO	MODÜL	KOD *(CODE)*	DERS ADI *(LESSON)*	İÇERİK *(SYLLABUS)*	HAFTALIK TEMEL EĞİTİM DERS SAATLERİ *(THEORY LESSON HOUR FOR EACH WEEK)*	HAFTALIK PRATİK EĞİTİM DERS SAATLERİ *(PRAC. LESSON HOUR FOR EACH)*	DERS SAATLERİ *(LESSON HOUR)* (T)	DERS SAATLERİ *(LESSON HOUR)* (P)	TOPLAM *(TOTAL)* *1 lesson hour = 50 min.*	HER MODÜL İÇİN EĞİTİM SAATİ *(HOUR FOR EACH MODUL) 1hour=60min.*	YAZ STAJI SAATLERİ *(SUMMER PRACTICE HOUR)*	GENEL TOPLAM *(GENERAL TOTAL)*	NOT *(NOTE)*
1	MODÜL 1	MAT801	**Matematik** I *(Mathematics-I)*	1.1/1.2.b/1.3.b/1.3.c	4	0	48	0	48	110		PRATİK EĞİTİM SAATİ *(PRAC. HOUR)* 1070 %44.03 **2430** HOURS TEORİK EĞİTİM SAATİ *(THEORY HOUR)* 1360 %55.97	
2		MAT802	**Matematik II** *(Mathematics-II)*	1.1/1.3.c	4	0	48	0	48				
3		MAT803	**Lineer Cebir** *(Linear Algebra)*	1.2/1.3.a	3	0	36	0	36				
4	MODÜL 2	FİZ105	**Fizik-I** *(Physics-I)*	2.2.1/2.2.2/2.2.3	4	0	48	0	48	200			
5		FİZ107	**Fizik Lab.-I** *(Physics Laboratory-I)*	2.2.1/2.2.2/2.2.3	0	2	0	24	24				
6		MEK112	**Mekanik** *(Mechanics)*	2.1/2.2.1	3	0	36	0	36				
7		TER203	**Termodinamik** *(Thermodynamics)*	2.3.	4	0	48	0	48				
8		FİZ 104	**Dalgalar ve Optik** *(Waves and Optics)*	2.4/2.5	4	0	48	0	48				
9		MEK210	**Akışkanlar Mekaniği** *(Fluid Mechanics)*	2.2.4.	2	1	24	12	36				
10	MODÜL 3	HYO221	**Temel Elektrik I** *(Electrical Fundamentals I)*	3.1-3.8	3	0	36	0	36	150			
11		HYO223	**Temel Elektrik Lab.-I** *(Electrical Fundamentals Laboratory-I)*	3.1-3.8	0	2	0	24	24				
12		HYO222	**Temel ElektrikII** *(Electrical Fundamentals-II)*	3.9/3.10.a/3.11/3.13/3.14/3.16	3	0	36	0	36				
13		HYO224	**Temel Elektrik Laboratuarı-II** *(Electrical Fundamentals Laboratory-II)*	3.9/3.10.a/3.11/3.13/3.14/3.16	0	2	0	24	24				
14		HYO313	**Elektrik Makinaları** *(Electrical Machines)*	3.10.b/3.12/3.15/3.17/3.18	3	0	36	0	36				
15		HYO315	**Elektrik Makinaları Laboratuarı** *(Electrical Machines Laboratory)*	3.10.b/3.12/3.15/3.17/3.18	0	2	0	24	24				
16	MODÜL 4	UGB202	**Temel Elektronik-I** *(Electronic Fundamentals-I)*	4.1.1a/4.1.2a/4.1.3a/4.2/4.3a	2	1	24	12	36	30			
17	MODÜL 5	UGB307	**Temel Elektronik-II** *(Electronic Fundamentals-II)*	5.2/5.3/5.4/5.5a/5.6a/5.10	2	1	24	12	36	100			
18		HYO324	**Elektronik Gösterge Sistemleri** *(Electronic Instrument Systems)*	5.1/5.11/5.12/5.13/5.15	4	1	48	12	60				
19		HYO420	**Elektromanyetik Çevre** *(Electromagnetic Environment)*	5.14.	2	0	24	0	24				
20	MODÜL 6	HYO108	**Uçak Malzeme Bilgisi-I** *(Aircraft Materials-I)*	6.1/6.2/6.4	3	2	36	24	60	100			
21		HYO220	**Uçak Malzeme Bilgisi II** *(Aircraft Materials II)*	6.3/6.4	3	2	36	24	60				
22	MODÜL 7	UGB319	**Uçak Donanım ve Uygulamaları-I** *(Aircraft Hardware and Practices-I)*	7.1/7.2/7.3/7.6/6.5/7.8/6.6/7.9/7.14	3	5	36	60	96	350	120		
23		UGB320	**Uçak Donanım ve Uygulamaları-II** *(Aircraft Hardware and Practices-II)*	6.7/7.10/6.8/7.11/6.9/7.12/6.10/7.13	3	3	36	36	72				
24		TRS207	**Teknik Resim ve Standartlar** *(Technical Drawings and Standards)*	7.5.	2	2	24	24	48				
25		HYO326	**Uçak Elektrik Atölyesi** *(Aircraft Electricity Workshop)*	6.11/7.4/7.7/7.15.a/7.19.a	2	4	24	48	72				
26		UGB328	**Hasarsız Kontrol Yöntemleri** *(Non Destructive Inspection methods(NDI))*	7.18.c	0	3	0	36	36				
27		UGB409	**Bakım Uygulamaları** *(Maintenance Practices)*	7.15.b/7.16/7.17/7.18a.b.d.e/7.19.a.b/7.20	3	5	36	60	96				
28	MODÜL 8	HYO317	**Uçak Aerodinamiği** *(Aircraft Aerodynamics)*	8.1/8.2	3	2	36	24	60	90			
29		MEK312	**Uçuş Mekaniği** *(Flight Mechanics)*	8.3/8.4	3	1	36	12	48				
30	MODÜL 9	HYO422	**İnsan Faktörleri** *(Human Factors)*	9.1-9.9	3	0	36	0	36	30			
31	MODÜL 10	HYO112	**Havacılık Kuralları** *(Aviation Legislation)*	10.1-10.7	4	0	48	0	48	40			
32	MODÜL 11	UGB103	**Uçuş Teorisi** *(Theory of Flight)*	11.1.1/11.1.2	4	0	48	0	48	360	270		
33		UGB326	**Aviyonik Sistemler** *(Avionic Systems)*	11.5(12.7.1-2)/11.18(12.18)	4	0	48	0	48				
34		HYO424	**Modern Aviyonik Sistemlerler** *(Modern Avionics Systems)*	11.19(12.17)/11.20/11.21(12.19)	3	0	36	0	36				
35		HYO328	**Uçak Elektrik Sistemleri** *(Aircraft Electrical Systems)*	11.6(12.8)/11.14(12.15)	5	0	60	0	60				
36		UGB324	**Uçak Yapıları ve Sistemleri-I** *(Aircraft Structures and Systems-I)*	11.2/11.3(12.5.a.b)/11.7(12.9.a.b)/11.11(12.12)/11.13(12.14)	4	1	48	12	60				
37		UGB407	**Uçak Yapıları ve Sistemleri-II** *(Aircraft Structures and Systems-II)*	11.4(12.6.1-2)/11.15/11.16(12.16)/11.17	3	0	36	0	36				
38		UGB412	**Uçak Yapıları ve Sistemleri-III** *(Aircraft Structures and Systems-III)*	11.8(12.10)/11.10(12.11)/11.12(12.13)	3	0	36	0	36				
39		UGB414	**Uçuş Kumandaları** *(Flight Controls)*	11.9.	3	0	36	0	36				
40		HYO225	**Uçak Bakım Terminolojisi-I** *(Aircraft Maintenance Terminology-I)*	11	3	0	36	0	36				
41		HYO226	**Uçak Bakım Terminolojisi-II** *(Aircraft Maintenance Terminology-II)*	11	3	0	36	0	36				
42	MODÜL 15	UGB315	**Gaz Türbinli Motor Teorisi** *(Gas Turbine Engine Theory)*	15.1-15.7.15.16.15.17	3	0	36	0	36	360	90		
43		UGB322	**Gaz Türbinli Motor Sistemleri-I** *(Gas Turbine Engine Systems-I)*	15.1-15.7/15.9-15.14/15.18	4	0	48	0	48				
44		UGB411	**Gaz Türbinli Motor Sistemleri-II** *(Gas Turbine Engine Systems-II)*	15.7/15.15/15.19/15.20/15.21	4	0	48	0	48				
45		UGB416	**Gaz Türbinli Motorların Yakıt Sistemleri** *(Gas Turbine Fuel and Fuel Systems)*	15.9/15.11	3	0	36	0	36				
46		UGB426	**Gaz Türbinli Motor Atölyesi** *(Gas Turbine Powerplant Workshop)*	15.1-15.22	0	8	0	96	96				
47		HYO216	**TUSAŞ Programı** *(TEI Program)*	15.1-15.17/15.21	5	9	60	108	168				
48	MODÜL 17	UGB420	**Pervaneler** *(Propellers)*	17.1-17.7	3	0	36	0	36	30			
					136	59	1632	708	2340				
							1360	590	1950	1950	480		
49		UGB424	**Piston Motorlar** *(Piston Engines)*	16.1-16.13	1	3	12	36	48	40			
50		HYO406	**Helikopter Teorisi** *ve Sistemleri (Theory and Systems of Helicopter)*	12.1-12.4	3	0	36	0	36	30			

Not: Öğrenci Piston Motorlar dersini alırsa B1.2, Helikopter Teorisi dersini alırsa B1.3, her iki derside alırsa B1.2, B1.3 ve B1.4 temel eğitimlerini de tamamlamış olur.

te: If students take "Piston Engines" lesson, he/she complete subcategory B1.2 basic training course. If students take "Theory and Systems of Helicopter" lesson, he/she complete subcategory B1.3 basic training course. If students take "both Piston Engines and Theory and Systems of Helicopter" lessons, he/she complete subcategory B1.2, B1.3 and B1.4 basic training cours

B2

NO	MODÜL	KOD *(CODE)*	DERS ADI *(LESSON)*	İÇERİK *(SYLLABUS)*	HAFTALIK TEMEL EĞİTİM DERS SAATLERİ *(THEORY LESSON HOUR FOR EACH WEEK)*	HAFTALIK PRATİK EĞİTİM DERS SAATLERİ *(PRAC. LESSON HOUR FOR EACH)*	DERS SAATLERİ *(LESSON HOUR)* (T)	DERS SAATLERİ *(LESSON HOUR)* (P)	TOPLAM *(TOTAL)* *1 lesson hour = 50 min.*	HER MODÜL İÇİN EĞİTİM SAATİ *(HOUR FOR EACH MODUL) 1hour=60min.*	YAZ STAJI SAATLERİ *(SUMMER PRACTICE HOUR)*	GENEL TOPLAM *(GENERAL TOTAL)*	NOT *(NOTE)*
1	MODÜL 1	MAT801	**Matematik** I *(Mathematics-I)*	1.1/1.2.b /1.3.b /1.3.c	4	0	48	0	48	110		PRATİK EĞİTİM SAATİ *(PRAC. HOUR)* 990 %40.91 **2420** HOURS TEORİK EĞİTİM SAATİ *(THEORY HOUR)* 1430 %59.09	
2		MAT802	**Matematik II** *(Mathematics-II)*	1.1/1.3.c	4	0	48	0	48				
3		MAT803	**Lineer Cebir** *(Linear Algebra)*	1.2/1.3.a.	3	0	36	0	36				
4	MODÜL 2	FIZ105	**Fizik-I** *(Physics-I)*	2.2.1/2.2.2 /2.2.3	4	0	48	0	48	200			
5		FIZ107	**Fizik Lab.-I** *(Physics Laboratory-I)*	2.2.1/2.2.2 /2.2.3	0	2	0	24	24				
6		MEK112	**Mekanik** *(Mechanics)*	2.1/2.2.1	3	0	36	0	36				
7		TER203	**Termodinamik** *(Thermodynamics)*	2.3.	4	0	48	0	48				
8		FIZ104	**Dalgalar ve Optik** *(Waves and Optics)*	2.4/2.5	4	0	48	0	48				
9		MEK210	**Akışkanlar Mekaniği** *(Fluid Mechanics)*	2.2.4.	2	1	24	12	36				
10	MODÜL 3	HYO221	**Temel Elektrik I** *(Electrical Fundamentals I)*	3.1/3.2/3.3/3.4/3.5/3.6/3.7 /3.8	3	0	36	0	36	150			
11		HYO223	**Temel Elektrik Lab.-I** *(Electrical Fundamentals Laboratory-I)*	3.1/3.2/3.3 /3.4 /3.5/3.6/3.7/3.8	0	2	0	24	24				
12		HYO222	**Temel ElektrikII** *(Electrical Fundamentals-II)*	3.9/3.10.a/3.11/3.13/3.14/3.16	3	0	36	0	36				
13		HYO224	**Temel Elektrik Laboratuarı-II** *(Electrical Fundamentals Laboratory-II)*	3.9/3.10.a/3.11/3.13/3.14/3.16	0	2	0	24	24				
14		HYO313	**Elektrik Makinaları** *(Electrical Machines)*	3.10.b/3.12/3.15/3.17/3.18	3	0	36	0	36				
15		HYO315	**Elektrik Makinaları Laboratuarı** *(Electrical Machines Laboratory)*	3.10.b/3.12/3.15/3.17/3.18	0	2	0	24	24				
16	MODÜL 4	HEE216	**Temel Elektronik-I** *(Electronic Fundamentals-I)*	4.1.1/4.1.2.a/4.1.2.b	3	2	36	24	60	110			
17		HEE317	**Temel Elektronik-II** *(Electronic Fundamentals-II)*	4.1.2.b /4.1.3.b	3	1	36	12	48				
18		HEE318	**Temel Elektronik-III** *(Electronic Fundamentals-III)*	4.2/4.3.b	2	0	24	0	24				
19	MODÜL 5	HYO324	**Elektronik Gösterge Sistemleri** *(Electronic Instrument Systems)*	5.1/5.11/5.12 5.13/5.15	4	1	48	12	60	230			
20		HEE220	**Sayısal Veri İletimi** *(Digital Data Transmission)*	5.3/5.4/5.10	3	1	36	12	48				
21		HEE319	**Sayısal Devreler-I** *(Digital Circuits-I)*	5.2/5.5	2	2	24	24	48				
22		HEE320	**Sayısal Devreler-II** *(Digital Circuits-II)*	5.8/5.9	2	1	24	12	36				
23		HEE425	**Mikroişlemciler** *(Microprocessors)*	5.6.b/5.7	3	2	36	24	60				
24		HYO420	**Elektromanyetik Çevre** *(Electromagnetic Environment)*	5.14.	2	0	24	0	24				
25	MODÜL 6	HYO108	**Uçak Malzeme Bilgisi-I** *(Aircraft Materials-I)*	6.1/6.2/6.4	3	2	36	24	60	140			
26		HYO219	**Uçak Malzeme Bilgisi II** *(Aircraft Materials II)*	6.3.1.a/6.4	2	2	24	24	48				
27		HEE313	**Uçak Donanım** *(Aircraft Hardware)*	6.5/6.6/6.7/6.8/6.9/6.10	2	3	24	36	60				
28	MODÜL 7	HEE321	**Bakım Uygulamaları-I** *(Maintenance Practices-I)*	7.1/7.2/7.3/7.6	2	4	24	48	72	260	120		
29		HYO326	**Uçak Elektrik Atölyesi** *(Aircraft Electricity Workshop)*	6.11/7.4/7.7/7.15.a/7.19.a	2	4	24	48	72				
30		HEE428	**Bakım Uygulamaları-II** *(Maintenance Practices-II)*	7.16.a/7.17/7.18.a/7.18.d/7.19.a /7.20	2	4	24	48	72				
31		HEE222	**Hasarsız Kontrol Yöntemleri** *(Non Destructive Inspection methods(NDI))*	7.18.c	0	2	0	24	24				
32		TRS207	**Teknik Resim ve Standartlar** *(Technical Drawings and Standards)*	7.5.	2	2	24	24	48				
33		HEE427	**Arıza Tespit ve Giderme Metodolojisi** *(Troubleshooting Methodologies)*	7.18.e	2	0	24	0	24				
34	MODÜL 8	HYO317	**Uçak Aerodinamiği** *(Aircraft Aerodynamics)*	8.1/8.2	3	2	36	24	60	90			
35		MEK312	**Uçuş Mekaniği** *(Flight Mechanics)*	8.3/8.4	3	1	36	12	48				
36	MODÜL 9	HYO422	**İnsan Faktörleri** *(Human Factors)*	9.1-9.9	3	0	36	0	36	30			
37	MODÜL 10	HYO112	**Havacılık Kuralları** *(Aviation Legislation)*	10.1-10.7	4	0	48	0	48	40			
38	MODÜL 13	HEE105	**Uçuş Teorisi** *(Theory of Flight)*	13.1.	3	0	36	0	36	520	330		
39		HEE213	**Uçak Yapıları ve Sistemleri-I** *(Aircraft Structures and Systems-I)*	13.2/13.14/13.16	3	1	36	12	48				
40		HEE214	**Uçak Yapıları ve Sistemleri-II** *(Aircraft Structures and Systems-II)*	13.11/13.17/13.18/13.19	2	0	24	0	24				
41		HEE315	**Uçak Yapıları ve Sistemleri-III** *(Aircraft Structures and Systems-III)*	13.12/13.13/13.15	2	0	24	0	24				
42		HEE435	**Otomatik Uçuş Sistemleri** (Automatic Flight Systems)	13.3.	4	0	48	0	48				
43		HEE218	**Haberleşme Sistemleri I** *(Communication Systems I)*	13.4.	3	1	36	12	48				
44		HEE421	**Haberleşme Sistemleri II** *(Communication Systems II)*	13.4/13.6	3	0	36	0	36				
45		HEE316	**Seyrüsefer Sistemleri-I** *(Navigation Systems-I)*	13.4.	4	0	48	0	48				
46		HEE423	**Seyrüsefer Sistemleri-II** *(Navigation Systems-II)*	13.4.	3	0	36	0	36				
47		HYO328	**Uçak Elektrik Sistemleri** *(Aircraft Electrical Systems)*	13.5/13.9	5	0	60	0	60				
48		HEE433	**Uçuş Kumandaları** *(Flight Controls)*	13.7,	2	0	24	0	24				
49		HEE429	**Uçak Gösterge Sistemleri-I** *(Aircraft Instruments Systems-I)*	13.8,	3	1	36	12	48				
50		HEE430	**Uçak Gösterge Sistemleri-II** *(Aircraft Instruments Systems-II)*	13.8/13.10	3	0	36	0	36				
51		HYO225	**Uçak Bakım Terminolojisi-I** *(Aircraft Maintenance Terminology-I)*	13	3	0	36	0	36				
52		HYO226	**Uçak Bakım Terminolojisi-II** *(Aircraft Maintenance Terminology-II)*	13	3	0	36	0	36				
53		HYO424	**Modern Aviyonik Sistemleri** *(Modern Avionics Systems)*	13.20/13.21/13.22	3	0	36	0	36				
54	MODÜL 14	HEE431	**Gaz Türbinli Motorlar** *(Gas Turbine Engines)*	14.1/14.2	3	0	36	0	36	60	30		
55		HEE432	**Gaz Türbinli Motor Atölyesi** *(Gas Turbine Powerplant Workshop)*	14.1/14.2/14.3	0	3	0	36	36				
					143	51	1716	612	2328				
							1430	510	1940	1940	480		