

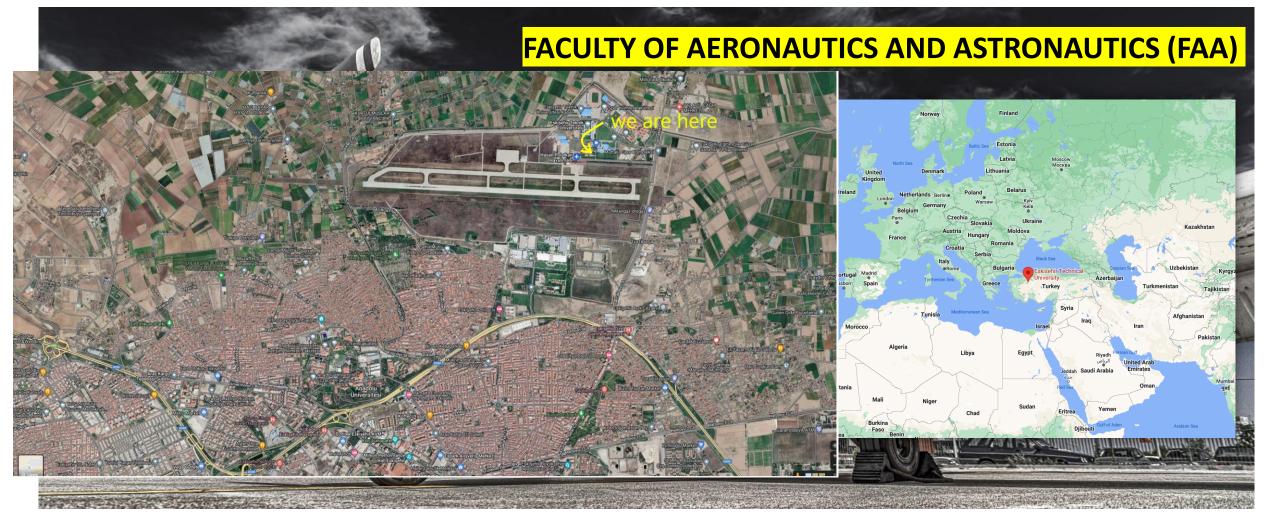
https://eskisehir.edu.tr (the university)
https://hubf.eskisehir.edu.tr (the faculty)
https://hph.eskisehir.edu.tr (the airport)

Overall Aviation Training System

in Eskisehir Technical University

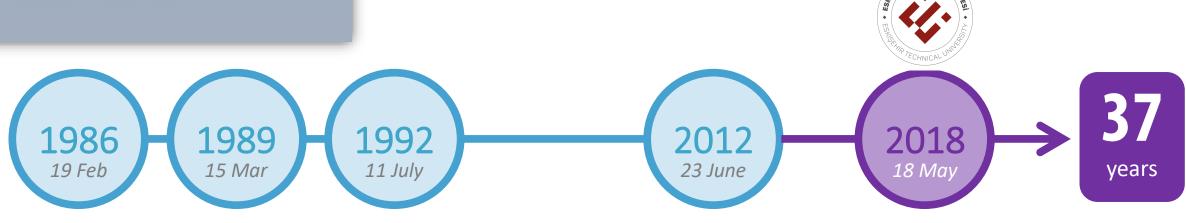
PUBLIC UNIVERSITY

Presenter: Enis T. Turgut, PhD (Vice Dean)





With respect to the features and diversity of aviation programs and operational civil aviation capabilities, being the longest-established university, the ESTU has been positioned in a unique role in the systems of Turkish Higher Education and Civil Aviation. This role has mainly been carried out by the Faculty of Aeronautics and Astronautics (FAA), since 1986. Addressing all of the areas of civil aviation and upholding the latest regulations implemented by the civil aviation authorities such as the ICAO (International Civil Aviation Organization) and the EASA (European Union Aviation Safety Agency) the Faculty provides Bachelor's degree with the following programs; 1) Flight Training, 2) Air Traffic Control, 3) Aircraft Airframe and Powerplant, 4) Avionics, and 5) Aviation Management.



Eskişehir Vocational School of Higher Education

Civil Aviation Vocational School of Higher Education

Civil Aviation
Vocational School
of Higher
Education (fouryears degree)

FACULTY OF AERONAUTICS AND ASTRONAUTICS (HUBF)

FACULTY OF AERONAUTICS AND ASTRONAUTICS (HUBF)

GRADUATE and UNDERGRADUATE PROGRAMS

- There are five undergraduate programs (~1200 active students)
- Duration: 4 years
- Optional English Preparatory year: 1 year
- Minimum 240 ECTS
- There are also 5 graduate programs (M.S., Ph.D)

Total of 86 **Academician**



ESTU

FAA

10 Assoc. Prof., PhD 24 Assist. Prof. PhD 14 Lecturer

14 Prof., PhD

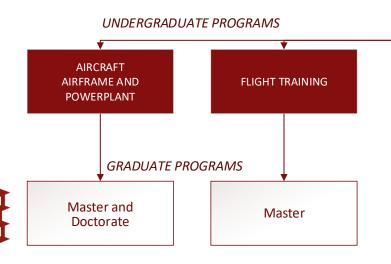
24 Research Assistant (of 5 PhD)

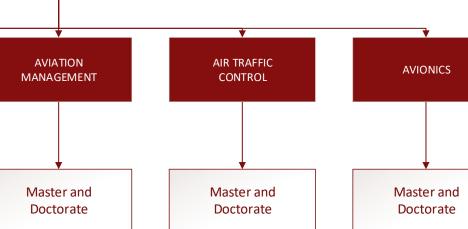
15 Instructor Pilot

5 Air Traffic Controller

3 Ground Controller

27 Aircraft Maintenance Staff





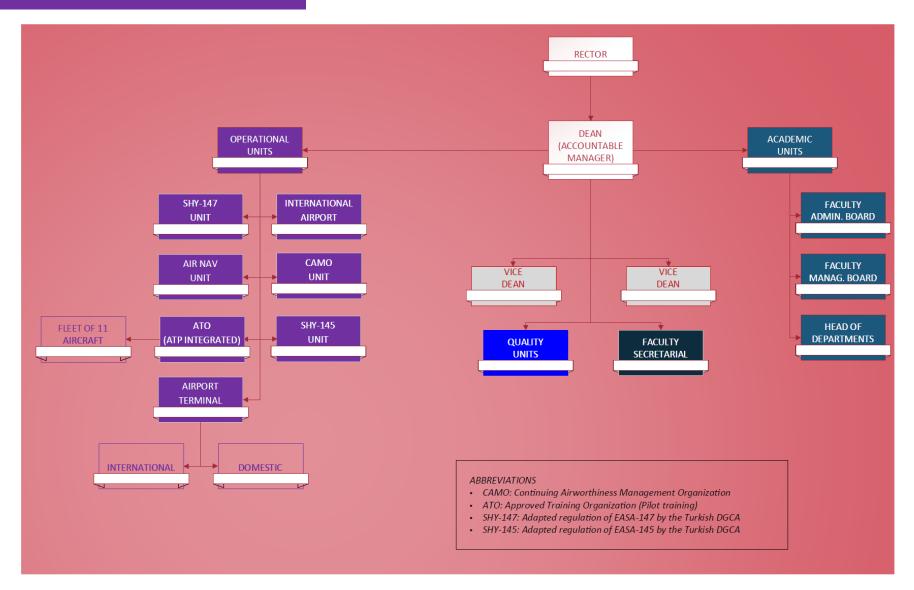


LESHIR TEKNİK ÜNILEREN İ

ESK TECHNICAL UNITED

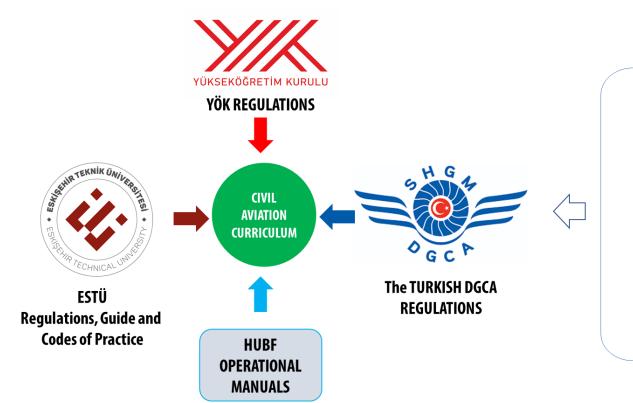
Organization Scheme

Faculty of Aeronautics and Astronautics



CURRICULUM

All departments are in accordance with the regulation and legislation of YÖK, the Turkish DGCA and ESTU-HUBF operational manuals





- Turkish DGCA (Directorate General of Civil Aviation)
- **HUBF** (Turkish acronym of Faculty of Aeronautics and Astronautics)

Internship:

- Flight training (optional, 20 days)
- Avionics (40+20 days)
- Aircraft Airframe and Powerplant (40+20 days)
- Air Traffic Control (40 days)
- Aviation Management (optional, min. 20 days)



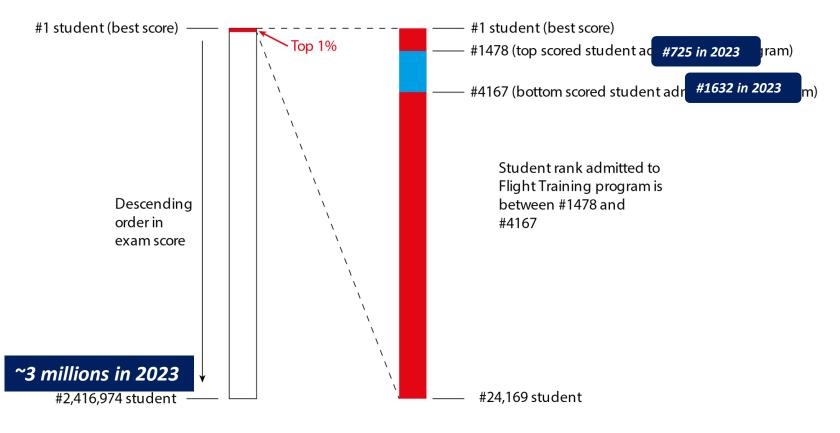




A brief description of admission to higher education in Turkey – Flight Training admission

Flight Training (FT) student admission

Student Selection and Placement **System** (*Turkish: Öğrenci Seçme ve* Yerleştirme Sistemi, ÖSYS) or Higher **Education Foundations Examination** (*Turkish: Yükseköğretim* Kurumları Sınavı, YKS), is a standardized test for the admission to higher education in Turkey [1]. Within the Turkish education system, the only way to enter a university is through this examination. 2.4 million high school graduates took the exam in 2021^[2]

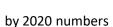


FLIGHT TRAINING

8 University / 266 annual quota

Number of University (203): 129 State 74 Foundation

University name	State / Foundation	Paid / Scholarship / Free of charge	Faculty / Vocational High School	Program language	Quota (Student Number)	Student rank (low is better)*	Score (high is better) **	Flight lessons
Özyeğin	Foundation	scholarship ***	Faculty	English	5	#2,185	532.88	Subcontractor
Eskişehir Technical	State	Free of charge	Faculty	Turkish	19	#4,523	523.61	by itself
KTO Karatay	Foundation	scholarship ***	VHS	Turkish	5	#5,367	521.06	by itself
Bahçeşehir	Foundation	scholarship ***	VHS	English	6	#5,507	520.64	Subcontractor
Atılım	Foundation	scholarship ***	VHS	English	3	#7,442	515.56	by itself
Türk Hava Kurumu	Foundation	scholarship ***	Faculty	English	6	#7 <i>,</i> 731	514.93	by itself
İstanbul Okan	Foundation	scholarship ***	Faculty	English	6	#8,521	513.17	by itself
Antalya Bilim	Foundation	scholarship ***	VHS	Turkish	5	#14,418	502.11	Subcontractor
Özyeğin	Foundation	paid	Faculty	English	31	#186,062	332.92	Subcontractor
Bahçeşehir	Foundation	paid	VHS	English	34	#257,821	298.66	Subcontractor
Atılım	Foundation	paid	VHS	English	22	#366,133	263.8	by itself
İstanbul Okan	Foundation	paid	Faculty	English	34	#461,114	242.93	by itself
Türk Hava Kurumu	Foundation	paid	Faculty	English	34	#482,534	239.01	by itself
Antalya Bilim	Foundation	paid	VHS	Turkish	28	#571,319	225.6	Subcontractor
KTO Karatay	Foundation	paid	VHS	Turkish	28	#620,432	219.74	by itself



^{*} the rank of the last student, of 2.4 million student, with the lowest score in the relevant program

Indicate paid programs



^{**} the score of the "last student with the lowest score" in the relevant program

^{***} scholarship: only flight training price are free of charge for 100% covered students. The remaining part of the training is paid

FLEET



EASA

Easy Access Rules for Flight Crew Licencing (Part-FCL) ANNEX I (Part-FCL)
Appendices to Annex I

A total of 240 ECTS

ATP Integrated

Appendix 3 – Training courses for the issue of a CPL and an ATPL

Regulation (EU) 2020/359

	FALL	SPRING	SUMMER	PLT 462	3. PERIOD / 4. PHASE Normal Procedures III	18+03,0
1th year	1. PERIOD / 1. PHASE	1. PERIOD / 2. PHASE	NONE	PLT 464 PLT 468 PLT 470	Emergency Procedures III Introduction to Aircraft Types III Standard Operation Procedures III	12+0 1,5 24+0 1,5
2nd year	1. PERIOD / 3. PHASE	2. PERIOD / 1. PHASE	2. PERIOD / 2. PHASE	PLT 470 PLT 472	Practice in Flight VII	18+0 3,0 0+11 6,0 <u>15,0</u>
3rd year	2. PERIOD / 3. PHASE	3. PERIOD / 1. PHASE	3. PERIOD / 2. PHASE	PLT 387	Instrument Flight Charts	18+0 2,5 30,0 30,0
4th year	3. PERIOD / 3. PHASE	3. PERIOD / 4. PHASE		TÜR 126	Turkish Revolution II	$\frac{30,0}{2+0}$ 2+0 2,0
	86:30 hours with Cessna 71:00 hours with TB-20		total of 227:30 flight+ simulator	10K 120	Turkish Language II	$2+0$ 2,0 $\overline{30,0}$
	43:00 hours simulator (I 15:00 hours MCC 12:00 hours with MEP	At	ining otal of 1220 hours of theoretical urse	_	More than the EASA minimum requirements	10

AIR TRAFFIC CONTROL

Student Admission

Stages

- Higher Education Foundations Examination
- Pre-registiration (generally 300-400 applicants)
- Special Talent Examination
- Final Registiration (15 student)

Eligibility

Pre-registiration:

- Higher Education Foundations Examination (must be greater than a certain score)
- Must be younger than 21 years old.
- Medical report (ICAO Annex-1; Class 3 approved hospital)
- No speech problem

Final registiration:

Successfuly pass the special talent examination



AIR TRAFFIC CONTROL

Training

- Theoretical courses
- Practical courses (one-by-one in simulator)

Duration

- Optional English Preparatory year: 1 year
- Theoretical and practical courses (minimum 240 ECTS)
- Internship





AIRFRAME AND POWERPLANT

6 University / 322 annual quota

University name	State / Foundation	Paid / Scholarship / Free of charge	Faculty / Vocational High School	Program language	Quota (Student Number)	Student rank (low is better)* b		Year of establishme nt
Eskişehir Teknik	State	Free of charge	Faculty	Turkish	62	72,241	429.73	1986
Atılım	Foundation	Scholarship	VHS	English	5	77,027	424.24	<2017
Kocaeli	State	Free of charge	Faculty	Turkish	41	92,860	407.09	<2017
Erciyes	State	Free of charge	Faculty	Turkish	62	101,533	398.1	<2017
Erciyes	State	Paid (night time)	Faculty	Turkish	41	131,460	370.82	<2017
Kapadokya	Foundation	Scholarship	VHS	Turkish	7	155,407	352.5	2018
Selçuk	State	Free of charge	VHS	Turkish	41	162,477	347.55	<2017
Atılım	Foundation	Scholarship (25%)	VHS	English	25	350,397	267.93	<2017
Kapadokya	Foundation	Paid (25%)	VHS	Turkish	38	465,420	242.14	2018



by 2020 numbers

Each program is 4-year program

Indicate paid programs



https://www.pexels.com/photo/airplane-engine-459402/

^{*} the rank of the last student, of 2.4 million student, with the lowest score in the relevant program

^{**} the score of the last student with the lowest score in the relevant program



8 University / 461 annual quota



University name	State / Foundation	Paid / Scholarship / Free of charge	Faculty / Vocational	Program	Quota (Student	Student rank (low	Score (high is e	Year of establishme
	Touridation	rice of charge	High School	language	Number)	is better)* b	etter) **	nt
Yıldız Teknik	State	Free of charge	Faculty	English	52	68,544	434.04	2019
Eskişehir Teknik	State	Free of charge	Faculty	Turkish	62	84,368	416.17	1986
Kocaeli	State	Free of charge	Faculty	Turkish	52	112,711	387.29	<2017
Erciyes	State	Free of charge	Faculty	Turkish	62	140,074	363.91	<2017
Erciyes	State	Paid (night time)	Faculty	Turkish	41	168,375	343.7	<2017
Kapadokya	Foundation	Scholarship	VHS	Turkish	7	175 <i>,</i> 129	339.43	2018
Kapadokya	Foundation	Scholarship (25%)	VHS	Turkish	38	632,300	218.23	2018
Nişantaşı	Foundation	Scholarship	VHS	Turkish	8	190,609	330.31	<2017
Nişantaşı	Foundation	Paid (50%)	VHS	Turkish	45	602,490	221.88	2020
Nişantaşı	Foundation	Paid	VHS	Turkish	1	621,804	219.57	2020
İskenderun Teknik	State	Free of charge	Faculty	Turkish	41	286,300	287.98	2020
Fırat	State	Free of charge	Faculty	Turkish	52	295,092	284.88	<2017



by 2020 numbers

Each program is 4-year program

Indicate paid programs



https://www.pexels.com/photo/gray-airplane-control-panel-3402846/

^{*} the rank of the last student, of 2.4 million student, with the lowest score in the relevant program

 $[\]ensuremath{^{**}}$ the score of the last student with the lowest score in the relevant program

AVIATION MANAGEMENT

35 University / 3062 annual quota

University name	State / Foundation	Paid / Scholarship / Free of charge	Faculty / Vocational High School	Program language	Quota (Student Number)	Student rank (low is better)*	Score (high is better) **	Year of establishment
Özyeğin	Foundation	Scholarship	Faculty	English	6	28,724	406.39	older than 2017
Türk Hava Kurumu	Foundation	Scholarship	Faculty	English	13	63,015	382.89	older than 2017
İstanbul Bilgi	Foundation	Scholarship	VHS	Turkish	6	70,827	378.64	older than 2017
İstanbul Aydın	Foundation	Scholarship	Faculty	English	10	117,322	356.52	older than 2017
Eskişehir Teknik	State	Free of charge	Faculty	Turkish	62	119,165	355.71	1986
Atılım	Foundation	Scholarship	VHS	English	5	134,609	349.14	older than 2017
İstanbul Okan	Foundation	Scholarship	Faculty	Turkish	5	153,379	341.7	2018
İstanbul Ticaret	Foundation	Scholarship	Faculty	Turkish	11	155 <i>,</i> 171	341.03	older than 2017
Kocaeli	State	Free of charge	Faculty	Turkish	72	164,919	337.36	older than 2017
İstanbul Medipol	Foundation	Scholarship	Faculty	Turkish	15	177,894	332.76	2019
Erciyes	State	Free of charge	Faculty	Turkish	72	190,100	328.6	older than 2017
İstanbul Gelişim	Foundation	Scholarship	Faculty	English	11	191,715	328.07	older than 2017



15

University name	State / Foundation	Paid / Scholarship / Free of charge	Faculty / Vocational High School	Program language	Quota (Student Number)	Student rank (low is better)* I	Score (high is petter) **	Year of establisment
Özveğin	Foundation	Scholarshin	Faculty	English	6	28,724	406.39	older than 2017
Türk Hava Kurumu	Foundation	Scholarship	Faculty	English	13	63,015	382.89	older than 2017
	Foundation		VHS				378.64	older than 2017
stanbul Bilgi stanbul Avdın	Foundation	Scholarship Scholarship		Turkish	6 10	70,827 117,322	378.64	older than 2017
Istanbul Aydın Eskişehir Teknik	Foundation State	Scholarship Free of charge	Faculty Faculty	English Turkish	62	117,322	356.52	older than 2017 older than 2017
Eskişenir leknik Atılım	Foundation	Scholarshin	VHS				355.71	older than 2017
Atilim ktanhul Okan	Foundation			English	5	134,609	349.14	2019
istanbul Okan İstanbul Ticaret	Foundation Foundation	Scholarship Scholarship	Faculty Faculty	Turkish	5 11	153,379 155,171	341.7	2018 older than 2017
stanbul licaret Koraeli	State	Scholarship Free of charge	Faculty	Turkish	72	164,919	341.03	older than 2017
			,					2019
stanbul Medipol Erciyes	Foundation State	Scholarship Free of charge	Faculty Faculty	Turkish Turkish	15 72	177,894 190,100	332.76 328.6	2019 older than 2017
	State			Foolish	/2	190,100	328.6	older than 2017
rtanhul Galişim	Equadation	Scholarchip	Faculty	_				
Kocaeli	State	Paid (night)	Faculty	Turkish	62	218,681	319.55	older than 2017
stanbul Gelişim	Foundation	Scholarship	Faculty	Turkish	11	225,764	317.42	older than 2017
Nişantaşı	Foundation	Scholarship	Faculty	English	10	227,997	316.76	older than 2017
Necmettin Erbakan	State	Free of charge	Faculty	Turkish	72	250,661	310.43	older than 2017
Muğla Sıtkı Koçman	State	Free of charge	VHS	Turkish	72	254,666	309.35	older than 2017
leykoz	Foundation	Scholarship	VHS	English	5	259,329	308.14	older than 2017
Alanya Alaaddin Keykubat	State	Free of charge	Faculty	Turkish	62	262,890	307.18	2019
Saziantep	State	Free of charge	Faculty	English	62	269,366	305.51	2018
(işantaşı	Foundation	Scholarship	Faculty	Turkish	9	271,909	304.86	older than 2017
Eralyes	State	Paid (night)	Faculty	Turkish	62	272,716	304.65	olderthan 2017
Balikesir	State	Free of charge	VHS	Turkish	62	292,606	298.87	2018
stanbul Arel	Foundation	Scholarship	Faculty	Turkish	6	296,611	298.87	2020
Selçuk	State	Free of charge	VHS	Turkish	72	298,849	298.36	2018
üleyman Demirel	State	Free of charge	VHS	Turkish	41	305,847	296.74	2019
stanbul Gelişim	Foundation	Scholarship	VHS	Turkish	11	309,510	295.91	older than 2017
iamsun	State	Free of charge	VHS	Turkish	72	312,716	295.17	older than 2017
stanbul Ayvansaray	Foundation	Scholarship	Faculty	Turkish	9	326,633	292.14	2020
skenderun Teknik	State	Free of charge	Faculty	Turkish	72	331.669	291.05	older than 2017
Necmettin Erbakan	State	Paid (night)	Faculty	Turkish	72	361.544	284.9	olderthan 2017
Castamonu	State	Free of charge	VHS	Turkish	62	368.216	283.58	2018
Capadokya	Foundation	Scholarship	VHS	Turkish	9	373,329	282.59	2020
stanbul Rumeli	Foundation	Scholarship	Faculty	Turkish	9	420,057	274.11	2020
Amasya	State	Free of charge	Faculty	Turkish	41	420,531	274.03	2020
İskenderun Teknik	State	Paid (night)	Faculty	Turkish	72	426,405	273.05	olderthan 2017
Özyeğin	Foundation	Paid (50%)	Faculty	English	35	432,885	271.96	older than 2017
stanbul Esenyurt	Foundation	Scholarship	Faculty	Turkish	9	447,325	269.6	2020
Kastamonu	State	Paid (night)	VHS	Turkish			265.15	2019
Dide	State				62	475,238		
Erzincan Binali Yıldırım		Free of charge	VHS	Turkish	62 72	475,238 480,870	265.15 264.28	2019
	State		VHS VHS		72	480,870		
Türk Hava Kurumu	State Foundation	Free of charge Free of charge Paid (50%)		Turkish			264.28	2018
		Free of charge	VHS	Turkish Turkish	72 62	480,870 492,836	264.28 262.5	2018 older than 2017
	Foundation	Free of charge Paid (50%)	VHS Faculty	Turkish Turkish English	72 62 59	480,870 492,836 521,555	264.28 262.5 258.33	2018 older than 2017 older than 2017
iüm üşhəne İstanbul Aydın Nişantaşı	Foundation State	Free of charge Paid (50%) Free of charge	VHS Faculty VHS	Turkish Turkish English Turkish	72 62 59 41 55	480,870 492,836 521,555 527,107 555,591 581,314	264.28 262.5 258.33 257.53 253.64 250.3	2018 older than 2017 older than 2017 2020 older than 2017 2020
üm üşhane İstanbul Aydın	Foundation State Foundation	Free of charge Paid (50%) Free of charge Paid (50%)	VHS Faculty VHS Faculty	Turkish Turkish English Turkish English	72 62 59 41 55	480,870 492,836 521,555 527,107 555,591	264.28 262.5 258.33 257.53 253.64	2018 older than 2017 older than 2017 2020 older than 2017
ilmüşhəne İstanbul Aydın Nişantaşı Ablım İstanbul Ticaret	Foundation State Foundation Foundation	Free of charge Paid (50%) Free of charge Paid (50%) Paid Paid (50%) Paid (50%) Paid (50%)	VHS Faculty VHS Faculty Faculty	Turkish Turkish English Turkish English English English Turkish	72 62 59 41 55 1 25	480,870 492,836 521,555 527,107 555,591 581,314 600,030 646,739	264.28 262.5 258.33 257.53 253.64 250.3	2018 older than 2017 older than 2017 2020 older than 2017 2020 older than 2017 older than 2017 older than 2017
Sümüşhane İstanbul Aydın Mişantaşı Atılım İstanbul Ticaret	Foundation State Foundation Foundation Foundation	Free of charge Paid (50%) Free of charge Paid (50%) Paid Paid (50%)	VHS Faculty VHS Faculty Faculty VHS	Turkish Turkish English Turkish English English English	72 62 59 41 55 1 25	480,870 492,836 521,555 527,107 555,591 581,314 600,030	264.28 262.5 258.33 257.53 253.64 250.3 247.94	2018 older than 2017 older than 2017 2020 older than 2017 2020 older than 2017
Sümüşhane İstanbul Aydın Mişantaşı Atılım İstanbul Ticaret	Foundation State Foundation Foundation Foundation Foundation Foundation	Free of charge Paid (50%) Free of charge Paid (50%) Paid Paid (50%) Paid (50%) Paid (50%)	VHS Faculty VHS Faculty Faculty VHS Faculty	Turkish Turkish English Turkish English English English Turkish	72 62 59 41 55 1 25	480,870 492,836 521,555 527,107 555,591 581,314 600,030 646,739	264.28 262.5 258.33 257.53 253.64 250.3 247.94 242.31	2018 older than 2017 older than 2017 2020 older than 2017 2020 older than 2017 older than 2017 older than 2017
Sümüşhəne İstanbul Aydın Nişantaşı Atılım İstanbul Ticaret Şdır	Foundation State Foundation Foundation Foundation Foundation State	Free of charge Poid (50%) Free of charge Poid (50%) Poid Poid (50%) Poid (50%) Poid (50%) Free of charge	VHS Faculty VHS Faculty Faculty VHS Faculty Faculty Faculty Faculty	Turkish Turkish English Turkish English English English Turkish Turkish	72 62 59 41 55 1 25 59	480,870 492,836 521,555 527,107 555,591 581,314 600,030 646,739 672,813	264.28 262.5 258.33 257.53 253.64 250.3 247.94 242.31 239.34	2018 older than 2017 older than 2017 2020 older than 2017 2020 older than 2017 older than 2017 2019
Sümüşhəne İstanbul Aydın Nişantaşı Ablım İstanbul Ticaret İstanbul Bilgi	Foundation State Foundation Foundation Foundation Foundation State Foundation	Free of charge Paid (50%) Free of charge Paid (50%) Paid (50%) Paid (50%) Paid (50%) Free of charge Paid (50%)	VHS Faculty VHS Faculty Faculty VHS Faculty VHS Faculty VHS VHS	Turkish Turkish English Turkish English English English Turkish Turkish Turkish	72 62 59 41 55 1 25 59 52	480,870 492,836 521,555 527,107 555,591 581,314 600,030 646,739 672,813 745,033	264.28 262.5 258.33 257.53 253.64 250.3 247.94 242.31 239.34 231.65	2018 older than 2017 older than 2017 2020 older than 2017 2020 older than 2017 older than 2017 older than 2017 2019 older than 2017
iüm üşhəne İstanbul Aydın Mişantoşı Atılım İstanbul Ticaret İdür İstanbul Bilgi İstanbul Gelişim	Foundation State Foundation Foundation Foundation Foundation State Foundation Foundation Foundation	Free of charge Paid (50%) Free of charge Paid (50%) Paid Paid (50%) Paid (50%) Pree of charge Paid (50%) Paid (50%) Paid (50%) Paid (50%)	VHS Faculty VHS Faculty Faculty Faculty VHS Faculty Faculty VHS Faculty VHS Faculty	Turkish Turkish English Turkish English English English Turkish Turkish Turkish Turkish	72 62 59 41 55 1 25 59 52 29	480,870 492,836 521,555 527,107 555,591 581,314 600,030 646,739 672,813 745,033 808,558	264.28 262.5 258.33 257.53 253.64 250.3 247.94 242.31 239.34 231.65 225.62	older than 2017 older than 2017 older than 2017 2020 older than 2017 2020 older than 2017 older than 2017 2019 older than 2017 older than 2017 older than 2017
ilim üşhane İstanbul Aydın Mişantaşı Ablım İstanbul Ticaret İdir İstanbul Bilgi İstanbul Gelişim Türk Hava Kurumu	Foundation State Foundation Foundation Foundation Foundation State Foundation Foundation Foundation Foundation Foundation	Free of charge Paid (50%) Free of charge Paid (50%) Paid Paid (50%) Paid (50%) Free of charge Paid (50%) Paid (50%) Paid (50%) Paid (50%) Paid (50%)	VHS Faculty VHS Faculty Faculty VHS Faculty VHS Faculty VHS Faculty VHS Faculty VHS Faculty Faculty	Turkish Turkish English Turkish English English English Turkish Turkish Turkish Turkish Turkish	72 62 59 41 55 1 25 59 52 29 58 8	480,870 492,836 521,555 527,107 555,591 581,314 600,030 646,739 672,813 745,033 808,558 830,560	264.28 262.5 258.33 257.53 253.64 250.3 247.94 242.31 239.34 231.65 225.62 223.7	older than 2017 older than 2017 2020 older than 2017 2020 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017
ilm üşhane İstonbul Aydın Nilgontayı Abilim İstonbul Ticaret İdr İstonbul Bilgi İstonbul Bilgi İstonbul Belişiin Türk Have Kurumu İstonbul Gelişiim Beykoz	Foundation State Foundation Foundation Foundation Foundation State Foundation Foundation Foundation Foundation Foundation Foundation Foundation	Free of charge Poid (50%) Free of charge Poid (50%) Poid (50%) Poid (50%) Poid (50%) Poid (50%) Poid (50%) Poid (50%) Poid (50%) Poid (50%) Poid (50%) Poid (50%) Poid (50%)	VHS Faculty VHS Faculty VHS Faculty VHS Faculty Faculty Faculty Faculty Faculty Faculty Faculty Faculty Faculty Faculty	Turkish Turkish English Turkish English English English Turkish Turkish Turkish Turkish Turkish English English	72 62 59 41 55 1 25 59 52 29 58 8	480,870 492,836 521,555 527,107 555,591 581,314 600,030 646,739 672,813 745,033 808,558 830,560 887,958	264.28 262.5 258.33 257.53 253.64 250.3 247.94 242.31 239.34 231.65 225.62 223.7 218.79	older than 2017 older than 2017 2020 older than 2017 2020 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017 2018
üm üşhane istonbul Aydın Nigontoşı Ablım İstonbul Ticoret dır İstonbul Gelşim Türk Hevo Kururus Hetonbul Gelşim Beykoz anadolu	Foundation State Foundation Foundation Foundation Foundation Foundation State Foundation Foundation Foundation Foundation Foundation Foundation Foundation Foundation Foundation Foundation Foundation Foundation Foundation	Free of charge Paul (50%) Free of charge Paul (50%) Paul Paul Paul Paul Paul Paul Paul Paul	VHS Faculty VHS Faculty Faculty VHS Faculty Faculty Faculty Faculty Faculty Faculty Faculty Faculty Faculty Faculty Faculty Faculty Faculty Faculty Faculty	Turkish Turkish English Turkish English English English Turkish Turkish Turkish Turkish English English English English English English English English English	72 62 59 41 55 1 25 59 52 29 58 8 8 59 25 8 8	480,870 492,836 521,535 527,107 555,591 581,314 600,030 646,739 672,813 745,033 808,558 830,560 887,958 943,511 956,111 988,730	264.28 262.5 258.33 257.53 257.53 247.94 242.31 239.34 231.65 225.62 223.7 218.79 213.26 211.55	2018 older than 2017 older than 2017 2020 older than 2017 2020 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017
üm üphane İstonbul Aydın Nigontoşı Aslım İstonbul Ticoret dür İstonbul Bilgi İstonbul Gelşim Türk Hovo Kurumu İstonbul Gelşim Badolu İstonbul Gelşim Badolu İstonbul Gelşim	Foundation State Foundation Foundation Foundation Foundation Foundation State Foundation Foundation Foundation Foundation Foundation Foundation Foundation Foundation Foundation Foundation Foundation State Foundation State	Free of charge Poid (2070) Pree of charge Poid (5070) Poid Poid Poid Poid Poid Poid Poid Poid	VHS Feaulty VHS Feaulty Feaulty VHS Feaulty VHS Feaulty VHS Feaulty Feaulty Feaulty Feaulty Feaulty Feaulty Feaulty Feaulty Feaulty Feaulty Feaulty Feaulty Feaulty Feaulty Feaulty Feaulty	Turkish Turkish English Turkish English English Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish	72 62 59 41 55 1 25 59 52 29 58 8 8 59 25	480,870 492,836 527,107 555,591 581,314 600,030 646,739 672,813 745,033 808,558 830,560 887,938 943,511 956,111	264.28 262.5 258.33 257.53 253.64 250.3 247.94 242.31 239.34 231.65 225.62 223.7 218.79 213.26 211.55	2018 older than 2017 older than 2017 2020 older than 2017 2020 older than 2017 2019 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017
ilim üğhane İstonbul Aydın Nigəntəşi Abilim İstonbul Ticoret İdir İstonbul Gelşim Türk Hevo Kururus İstonbul Gelşim Beykoz anadolu Nigəntəşi Nigəntəşi Nigəntəşi	Foundation State Foundation Foundation Foundation Foundation Foundation State Foundation	Free of charge Pend (2019) Free of charge Pend (2019) Poid Pend (2019)	VHS Feaulty VHS Feaulty	Turkish Turkish English English English English English English English Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish English English English Turkish Turkish Turkish Turkish	72 62 59 41 55 1 25 59 52 29 58 8 8 59 25 8	480,870 492,836 521,555 527,107 555,591 680,030 646,739 672,813 745,033 808,558 830,560 887,958 943,511 988,730 994,694	264.28 262.5 258.33 253.64 250.3 247.94 242.31 239.34 231.65 225.62 223.7 218.79 213.26 211.55 199.74	2018 older than 2017 older than 2017 2020 older than 2017 2020 older than 2017 2019 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017 2020 2020
iktaribul Aydın Istaribul Aydın Istaribul Aydın Nişontoşı Abilim İstaribul Ticaret İstaribul Ticaret İstaribul Bilgi İstaribul Gelşim Beykaz İstaribul Gelşim Beykaz İstaribul Gelşim İstaribul Gelşim İstaribul Aydını	Foundation State Foundation Foundation Foundation Foundation Foundation State Foundation	Free of charge Point (50%) Free of charge Point (50%)	VHS Feaulty VHS Feaulty Feaulty Feaulty VHS Feaulty VHS Feaulty Feaulty Feaulty VHS Feaulty VHS Feaulty Feaulty Feaulty Feaulty Feaulty Feaulty Feaulty Feaulty Feaulty Feaulty Feaulty Feaulty Feaulty Feaulty	Turkish Turkish English English English English Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish	72 62 59 41 55 1 25 59 52 29 58 8 59 25 8 8 59 25	490,870 492,836 521,555 527,107 555,591 581,334 600,030 646,738 672,813 745,033 880,558 830,560 887,958 943,511 988,730 94,694	264.28 262.5 258.33 257.53 253.64 250.3 247.94 242.31 239.34 231.65 225.62 223.7 218.79 213.26 211.55 199.74 194.61 short	2018 Older than 2017 older than 2017 2020 older than 2017 2020 older than 2017 2020 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017 older 2020 2020 2020 2020
illin üğhani ktarabul ayıdın Nijantaşı Atalım Katarabul Aligantaşı Atalım Katarabul Ticaret İder İstanbul Bilgi İstanbul Gelşim İstanbul Gelşim İstanbul Gelşim İstanbul Gelşim Nijantaşı Nijantaşı İstanbul Gelşim İstanbul Aligantaşı İstanbul Aligantaşı İstanbul Arel İstanbul Ayerissarayı	Foundation State Foundation	Free of charge Peal (1979) Free of charge Peal (1979)	VHS Feaulty VHS Feaulty	Turkish Turkish English English English English English English English English Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish	72 62 59 41 55 1 25 59 52 29 58 8 59 25 8 8 1 1 47 	420,870 492,836 521,555 527,107 555,591 581,314 600,039 646,739 745,033 808,558 887,938 943,511 988,730 94,641 94,	264.28 262.5 258.33 257.53 253.64 250.3 247.94 242.31 299.34 231.65 225.62 223.7 218.75 211.55 199.74 1 94.61 5 short short	2018 Older than 2017 Older than 2017 2020 Older than 2017 2020 Older than 2017 Older than 2017 Older than 2017 Older than 2017 Older than 2017 Older than 2017 Older than 2017 Older than 2017 Older than 2017 Older than 2017 2020 2020 2020 2020 2020
250m üşhan istanbul Aydın Nişonitaşı Abilim Nişonitaşı Abilim İstanbul Ticoret İstanbul Ticoret İstanbul Gelşim İstanbul Gelşim İstanbul Gelşim İstanbul Gelşim İstanbul Gelşim İstanbul Gelşim İstanbul Gelşim İstanbul Gelşim İstanbul Gelşim İstanbul Gelşim Nişonitaşı Nişonitaşı Nişonitaşı Nişonitaşı	Foundation State Foundation Foundation Foundation Foundation Foundation State Foundation	Free of charge Point (50%) Free of charge Point (50%)	VHS Feaulty VHS Feaulty Feaulty Feaulty VHS Feaulty VHS Feaulty Feaulty Feaulty VHS Feaulty VHS Feaulty Feaulty Feaulty Feaulty Feaulty Feaulty Feaulty Feaulty Feaulty Feaulty Feaulty Feaulty Feaulty Feaulty	Turkish Turkish English English English English Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish	72 62 59 41 55 1 25 59 52 29 58 8 59 25 8 8 59 25	490,870 492,836 521,555 527,107 555,591 581,334 600,030 646,738 672,813 745,033 880,558 830,560 887,958 943,511 988,730 94,694	264.28 262.5 258.33 257.53 253.64 250.3 247.94 242.31 239.34 231.65 225.62 223.7 218.79 213.26 211.55 199.74 194.61 short	2018 older than 2017 older than 2017 2020 older than 2017 2020 older than 2017 2019 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017 2020 2020 2020 2020
Silan iğahan İstanbul Aydın Aliyanlayı Alabim İstanbul Aydın Aliyanlayı Alabim İstanbul Bilgi İstanbul Bilgi İstanbul Bilgi İstanbul Bilgi İstanbul Gelişim İstanbul Gelişim Beykaz Anadolu Asilanbul Gelişim Niyanlayı Niyanlayı Niyanlayı İstanbul Arel İstanbul Arel İstanbul Arel İstanbul Arel İstanbul Arel İstanbul Arenay	Foundation State Foundation	Free of charge Peal (1979) Free of charge Peal (1979)	VHS Fraulty VHS Fraulty Fraulty Fraulty VHS Fraulty VHS Fraulty VHS Fraulty Fraulty Fraulty Fraulty Fraulty Fraulty Fraulty Fraulty Fraulty Fraulty Fraulty Fraulty Fraulty Fraulty Fraulty Fraulty Fraulty Fraulty Fraulty	Turkish Turkish English English English English English English English English Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish Turkish	72 62 59 41 55 1 25 59 52 29 58 8 59 25 8 8 1 1 47 	420,870 492,836 521,555 527,107 555,591 581,314 600,039 646,739 745,033 808,558 887,938 943,511 988,730 94,641 94,	264.28 262.5 258.33 257.53 253.64 250.3 247.94 242.31 299.34 231.65 225.62 223.7 218.75 211.55 199.74 1 94.61 5 short short	2018 older than 2017 older than 2017 2020 older than 2017 2020 older than 2017 2019 older than 2017 2019 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017 older than 2017 older than 2020 2020 2020 2020 2020
Sim üşhane İstanbul Ayan Nişantayı A bilm İstanbul Morret İstanbul Bilgi İstanbul Gelşim Türk Heve Kurursu İstanbul Gelşim Beşkacı Nişantayı Nişan	Foundation State Foundation	Free of charge Peals (201) Free of charge Peals (201)	VHS Faculty VHS Faculty Faculty VHS Faculty VHS Faculty VHS Faculty	Turkish Turkish Turkish English Turkish English English Turkish	72 62 59 41 55 59 52 29 58 8 59 52 29 11 47 - 21 26 4	490,870 492,836 521,535 527,100 555,591 551,314 600,030 646,738 672,813 745,033 830,540 830,540 837,958 943,511 956,111	264.28 262.5 253.33 257.53 253.64 250.3 247.94 242.31 239.34 231.65 225.62 223.7 218.79 213.26 211.55 199.74 194.61 240.61	Otte than 2017 close than 2017 2020 close than 2017 2020 close than 2017 2019 close than 2017 2019 close than 2017 close than
Clini Iyland (Ardin Martin) (Ardin Martin) (Ardin Miyanta) (Ar	Foundation State Foundation	Free of charge Free o	VHS Faulty VHS Faulty Faulty VHS Faulty Faulty VHS Faulty VHS Faulty	Turkish Turkish English Turkish English English Turkish	72 62 59 41 55 55 1 25 59 52 29 58 8 8 8 8 20 1 47 	490,870 492,886 521,535 527,100 555,591 581,334 600,030 672,813 745,023 808,538 810,560 887,938 943,511 968,730 948,730 948,730 948,730 948,730 948,730 948,730 948,730	264.28 262.5 258.33 257.53 253.64 250.3 247.94 242.31 239.34 231.65 225.62 223.7 218.79 213.26 211.55 199.74 194.61 	coles than 2017 2020 coles than 2017 2020 coles than 2017 2020 coles than 2017
Glin (sphane) Kilandold Ayan Kilandold Ayan Kilandold Ayan Kilandold Kirote Glin Glin (sphane) Kilandold Kirote Kilandold Kirote Kilandold Kilandold Kilandold Glipin Kirote Kirote Kilandold Gelipin Kilandold Gelipin Kilandold Aral Kilandold Aral Kilandold Aral Kilandold Aral Kilandold Aral Kilandold Aral Kilandold Gelipin Kilandold Gelipin Kilandold Gelipin Kilandold Gelipin Kilandold Gelipin Kilandold Gelipin Kilandold Gelipin Kilandold Gelipin Kilandold Gelipin	Foundation State Foundation	Free of charge Paid (SON)	VHS Faculty VHS Faculty	Turkish Turkish English Turkish English English English English English English English English Turkish	72 62 59 41 55 55 55 57 58 68 68 69 69 60 60 60 60 60 60 60 60 60 60 60 60 60	490,870 492,886 521,555 527,007 555,591 581,314 600,030 646,728 672,813 672,813 808,538 830,560 887,938 944,511 988,720 994,694 short short short short	264.28 262.5 253.33 257.53 253.64 250.3 247.94 242.31 239.34 231.65 225.62 222.7 218.79 213.26 211.55 199.74 194.61 5.61 5.61 5.61 5.61 5.61 5.61 5.61 5	2018 doler than 2017 2020 doler than 2017 2020 doler than 2017 2019 doler than 2017 2019 doler than 2017 2019 doler than 2017 2018 doler than 2017 2018 doler than 2017 2018 2020 doler than 2017 2020 2020 2020 doler than 2017 2018



UNITS AND RESOURCES

- Computer Labs.
- Aircraft Structure Material Lab.
- Turbojet Engine Testcell
- NDI Lab.
- Electrical and Electronics Lab.
- Hydraulic Lab.
- Aerodynamic Lab.
- Electro-technic Lab.
- Communication Lab.
- AirframeWorkshop
- Engine Workshop











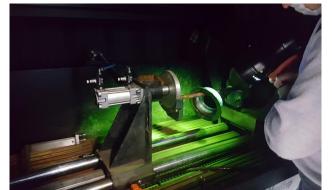








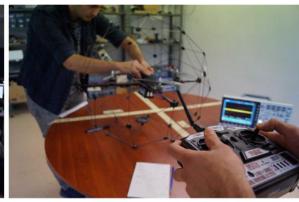






UNITS AND RESOURCES (MAINTENANCE)













FLIGHT SIMULATORS

	SIM. MODEL	AIRCRAFT – ENGINE	SIMULATOR Type
ALSIM	AL200MCC	TB-20 (SINGLE ENGINE PISTON)	FNPT II
ALSIM ALZOUMCC	(MULTI ENGINE TURBINE)	FNPT II - MCC	
ENTROL	A02	TB-20 (SINGLE ENGINE PISTON)	FNPT II





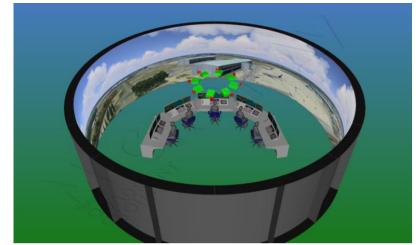


AERIAL CONTROL SIMULATOR

- 360 degree 10 projections
- 4 x ATC Aerial Controller Position
- 2 x ATC Aerial Pilot Position
- 1 x ATC Aerial Practice Preperation Position

MicroNav BEST 360-degreeprojection aerodrome simulator system supported by 10 highdefinition projectors capable of modeling of aircraft, ground vehicles, and definition of the wide range of aircraft performances.

The system also includes Fast Airport Builder (FAB) which allows realistic modeling of airport and airspace elements.



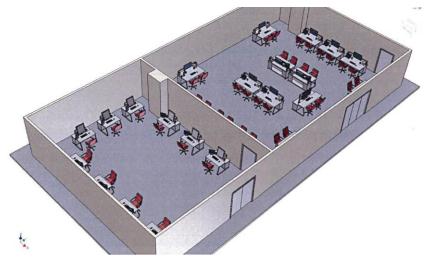




RADAR SIMULATOR

- 12 x ATC Radar Controller Position
- 12 x ATC Radar Pilot Position
- 1 x ATC Radar Practice Preperation Position
- 1 x Work Station (Administrator)
- 1 x Visual Progress System













COUNTRY	CITY	UNIVERSITY
CZECH REPUBLIC	PARDUBICE	UNIVERSITY OF PARDUBICE
ESTONIA	TARTU	ESTONIAN AVIATION ACADEMY
LITHUANIA	KAUNAS	KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES
SPAIN	MADRID	UNIVESIDAD POLITECNICA DE MADRID
POLAND	CZESTOCHOWA	CZESTOCHOWA UNIVERSITY OF TECHNOLOGY
POLAND	RZESZOW	RZESZOW UNIVERSITY OF TECHNOLOGY
FRANCE	TOULOUSE	TOULOUSE NATIOANL SCHOOL OF CIVIL AVIATION
PORTUGAL	LISBON	LISBOA HIGHER INSTITUTE OF EDUCATION AND SCIENCE
SLOVAKIA	ZİLİNA	UNIVERSITY OF ZILINA







ALUMNIES 4500











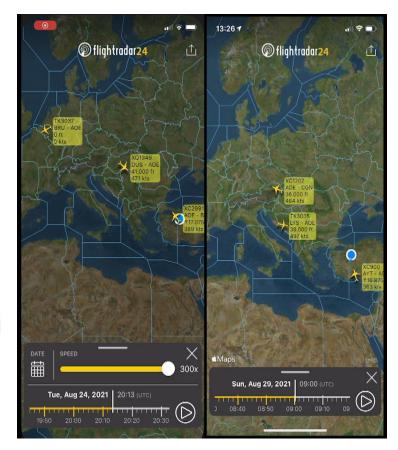


UNITS ESKİŞEHİR HASAN POLATKAN AIRPORT



AOE / LTBY









UNITS ESKİŞEHİR HASAN POLATKAN AIRPORT



APPROVALS

- SHY-147 Maintenance Training Organisation / Basic Training (HEE & UGMB) (Adaptation of EASA Part
- SHY-147 Maintenance Training Organisation / Type Training
- SHY-145 Maintenance Organisation Approvals (Adaptation of EASA Part 145)
- SHY-M Continuing airworthiness (Adaptation of EASA Part M)
- SHT-66L-HS Language Examiner
- SHT-ORA ATO Organization Requirements for Aircrew (Pilot) (Adaptation of EASA Part ORA)
- SHT-ATCO/EĞİTİM Air Traffic Controllers (ATC) (Adaptation of EASA Part ATCO)
- Domestic and International Terminal Operation
- International Airport Operation
- Airport Standars and Safety Education Organization
- SHY-6B General Aviation Operation Approvals

SS TEKNIK ÜNIVERELITES

AVIATION COURSES

I) ATC COURSES

II) AIR TRANSPORT COURSES

- Introduction to Air Transportation (AIRTRANSPORT-101)
- Fundamentals of Air Transport Management (AIRTRANSPORT-102)

III) AIRPORT MANAGEMENT COURSES

- Airport Management (AIRPORT-101)
- Airport Planning and Management (AIRPORT-102)
- Airport Equipment and Operations (AIRPORT-103)
- Airport Service Development and Marketing (AIRPORT-104)
- Crisis Management and Airport Emergency Response Planning Training (AIRPORT-105)

IV) AIRLINE MANAGEMENT COURSES

- Airline Management (AIRLINE-101)
- Airline Business Models and Strategy (AIRLINE-102)

V) AVIATON SAFETY COURSES

- Safety Management System (SAFETY-101)
- Human Factors in Aviation (SAFETY-102)
- Crew Resource Management (SAFETY-103)

VI) SUSTAINABLE AVIATION COURSES

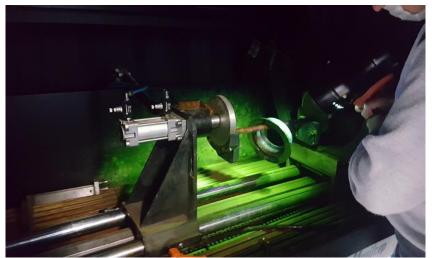
- Thermo–economic/environmental Analyses for Aircraft Systems (SUSAV-101)
- Life Cycle Analysis in Aviation (SUSAV-102)
- Environmental Impact of Aircraft (SUSAV-103)
- Fundamentals of Sustainable Aviation (SUSAV-104)

NON-DESTRUCTIVE INSPECTION EN4179 & AIA-NAS 410

- Penetrant Liquid
- Magnetic Particle
- Eddy Current









RESEARCH AREAS

All these visionary thinking and planning efforts as well as the infrastructure and equipment capabilities of ESTU in civil aviation has led to build up of a strong operational experience and to intensify aviation knowledge and management skills under an academic discipline. It should also be noted that these gains and achievements promote research studies in to a much higher level. In this sense, the main research topics currently studied or the ones having potential to be explored, by the ESTU in the civil aviation area involve a number of multi-disciplinary as well as innovative concepts. These concepts can briefly be listed as follows:

- Airspace Capacity/Delay Modelling and Optimization
- Flight Efficiency, Flight Procedures (Continuous Descent Approach/Operations)
- UAVs and Vertical Aviation (Design, Propulsion, Control, Battery System, Integration into Air Traffic Management System)
- More Electrical Aircraft, Electric/Hybrid Propulsion
- Climate neutral aviation, Environmental Impact of Commercial and General Aviation Aircraft (Characterization of Particulate Matter, Trace Elements, and Gaseous Emissions, Replacement of Leaded Fuels

- Sustainable Aviation Fuels, ATM procedures)
- Advanced Materials for Airframe and Powerplant
- Aviation Safety
- Emerging Role of Small Scaled Airports and Regional Aviation in New Post-pandemic World, A Step to Contacless Journeys



THANK YOU FOR YOUR ATTENTION





estu.hubf Edit profile View Archive Ad tools

206 posts 1,692 followers 31 following

HavacılıkveUzayBilimleriFak.

College & university
Eskişehir Teknik Üniversitesi Havacılık ve Uzay Bilimleri Fakültesi Resmi Instagram Hesabıdır.

© "Geleceğin En İyi Havacıları Bu Fakültede"

© hubf.eskisehir.edu.tr

Enis T. Turgut

Email: etturgut@eskisehir.edu.tr