

FAKULTAS TEKNIK DIRGANTARA DAN INDUSTRI
UNIVERSITAS DIRGANTARA MARSEKAL SURYADARMA

BERITA ACARA PERKULIAHAN

Program Studi : Teknik Aeronautika D-III
 Matakuliah : Aerodinamika & Kendali Terbang
 Kelas / Dosen : A Ir. Amat Chaeroni, S.T., M.T.
 Peserta : 35
 Kurikulum : 2019

Hari : Senin
 Jam : 08:00-10:30
 Ruang : A-306

No	TANGGAL TATAP MUKA	MATERI KULIAH	PARAF DOSEN
1	04/03/2024	The Atmosphere, Gas Composition, temperature, Pressure, The Gas Laws, ISA, humidity	✓
2	18/03/2024	Airflow : Atmosphere Pressure, Streamline Flow, Flow Continuity, Bernoulli's Theorem, Airspeed	✓
3	25/03/2024	Aerodynamic and Geometric Definitions : Chord line, Mean Chamber, Thickness/Chord Ratio and Fineness Ratio, Angle Of Attack, Wash Out, Wash In	✓
4	01/04/2024	Aerodynamic and Geometric Definitions : Wing Area, Mean Chord, Taper Ratio, aspect Ratio, Wing Loading, Sweep Angle, Dihedral, Anhedral, Primary Controls	✓
5	22/04/2024	Drag (Profile Drag, Induced Drag, Total Drag, Wave Drag) and Lift (Pressure Distribution, Pressure Gradients, Lift Equation, Lift/Drag Ratio, Spanwise Distribution of Pressure)	✓
6	27/04/2024	Stall : Determining Factor, Cause, Allevation, Engine Power Effect, Altitude Effect, Weight Effect, CG Position Effect, Stall Warning Device, Spinning, The Deep Stall, Wing Tip Stalling, Flap Effect.	✓
7	04/05/2024	Theory of Flight : Lift Augmentation, Wing Planforms, Flight Controls	✓
8	06/05/2024	UTS	✓
9	20/05/2024	Theory of Flight : Flight Forces, Basic Manoeuvres, High Speed Flight	✓
10	27/05/2024	Static Stability : Directional Stability, Longitudinal Stability, Lateral Stability	✓
11	03/06/2024	Dynamic Stability : General, Periodic Time, Damping, Longitudinal Dynamic Stability, Lateral Dynamic Stability	✓
12	12/06/2024	Flight Controls : The Aeroplane Anatomy, Four Forces of Flight, Three Axes of Flight, Turning Flight, Aircraft Stability, Control Configuration	✓
13	19/06/2024	Flight Controls : High Lift Devices, Stall Strips, Vortex Generators, Spoilers, Lift Dumps and Speed Brakes, Secondary Control Surfaces, Other Control Surface Features, V Speed	✓
14	24/06/2024	High Speed Flight : Introduction, Terminology, Speed of Sound, Shock Waves, Wave Drag, Effects of Compressibility on Lift	✓
15	01/07/2024	High Speed Flight : Aerodynamic Heating, Area Rule, Supersonic Intakes, Effects of Increasing Mach Number on Stability, Sweepback, Shock Stall.	✓
16	15/07/2024	UAS	✓

Jakarta, 9 August 2024

Dosen Pengajar

Ir. Amat Chaeroni, S.T., M.T.

FAKULTAS TEKNIK DIRGANTARA DAN INDUSTRI
UNIVERSITAS DIRGANTARA MARSEKAL SURYADARMA
DAFTAR HADIR PESERTA KULIAH MAHASISWA

Program Studi : Teknik Aeronautika D-III
Matakuliah : Aerodinamika & Kendali Terbang
Kelas / Dosen : A Ir. Amat Chaeroni, S.T., M.T.
Peserta : 35
Kurikulum : 2019

Hari : Senin
Jam : 08:00-10:30
Ruang : A-306

Hal. 3

No	NIM	N A M A	TANGGAL PERTEMUAN														TOTAL HADIR	
			04/03	18/03	25/03	01/04	22/04	27/04	04/05	06/05	20/05	27/05	03/06	12/06	19/06	24/06		01/07
35	231137017	FALZIRA ALIZIYA QIRAN	H	H	M	M	M	M	M	H	M	M	M	M	M	M	M	3.00

Jakarta, 9 August 2024

Dosen Pengajar

Ir. Amat Chaeroni, S.T., M.T.

DAFTAR NILAI UJIAN AKHIR SEMESTER

2023/2024 GENAP REGULER

Program Studi : Teknik Aeronautika D-III

Matakuliah : Aerodinamika & Kendali Terbang

Kelas / Dosen : A Ir. Amat Chaeroni, S.T., M.T.

Peserta : 35

Hal. 1

No	NIM	N A M A	ABSEN 10%	TUGAS 20%	UTS 30%	UAS 40%	NA	HURUF
1	191131018	NICKSON KOGOYA	6.00	0.00	0.00	0.00	0.00	null
2	191131020	MINUS UAMANG	4.00	0.00	0.00	0.00	0.00	null
3	211137006	ABDUL REZA	0.00	60.00	70.00	70.00	61.00	C
4	221131001	ARIEF SETIAWAN	13.00	70.00	40.00	60.00	58.10	C
5	231137001	RAHDITYA RIZKI	16.00	70.00	80.00	75.00	78.00	A-
6	231137002	MIKAIL ABDILLA	15.00	85.00	85.00	85.00	85.90	A
7	231137003	AULIA RAHMI	16.00	80.00	85.00	80.00	83.50	A
8	231137004	MUHAMMAD FADLI	15.00	70.00	80.00	70.00	75.40	B+
9	231137005	ACHMAD FAIZ ABYAN	16.00	75.00	70.00	75.00	76.00	A-
10	231137006	ARTA DIAN FITRAH	16.00	80.00	85.00	75.00	81.50	A
11	231137007	ADAM FIRDAUSI ANWAR	16.00	85.00	90.00	85.00	88.00	A
12	231137008	SAMUDRA	16.00	80.00	85.00	70.00	79.50	A-
13	231137009	MUHAMMAD AJRUN MURSALIM	15.00	65.00	70.00	85.00	77.40	A-
14	231137010	LALU M. HAFIDL ALWAN	15.00	75.00	60.00	60.00	66.40	C+
15	231137011	BRIAN JANUAR SETA HERLABANG	16.00	70.00	60.00	70.00	70.00	B
16	231137012	RIDHO QIYAMUL LAIL	16.00	75.00	60.00	70.00	71.00	B
17	231137013	INDRA KURNIAWAN	16.00	80.00	60.00	70.00	72.00	B+
18	231137014	SUPRIANA JOSUA JDHO SE	16.00	80.00	85.00	60.00	75.50	B+
19	231137015	CALVIN SEPTIAN PUTRA PRATAMA	14.00	70.00	65.00	60.00	66.30	C+
20	231137016	DHEKA DWITAMA ATMA WARDJI	15.00	70.00	60.00	85.00	75.40	B+
21	231137017	FALZIRA ALIZIYA QIRAN	3.00	0.00	0.00	0.00	0.00	null
22	231137018	ANDHIKA WISAL QURNI	15.00	70.00	55.00	45.00	57.90	D
23	231137019	NUR ILMAN ALFAIS	15.00	80.00	85.00	80.00	82.90	A
24	231137020	RIDO	16.00	65.00	70.00	70.00	72.00	B+
25	231137021	KORYNUS FERNANDO ARI	15.00	70.00	90.00	85.00	84.40	A
26	231137022	MUHAMMAD DANIEL	15.00	70.00	90.00	55.00	72.40	B+
27	231137023	KURNIAWAN ABDULLAH	16.00	80.00	85.00	90.00	87.50	A

Bobot Nilai

Absen : 10%

Tugas : 20%

UTS : 20%

UAS : 40%

Tatap Muka : 16 Kali

Jakarta, 9 August 2024

Dosen Pengajar



Ir. Amat Chaeroni, S.T., M.T.

DAFTAR NILAI UJIAN AKHIR SEMESTER

2023/2024 GENAP REGULER

Program Studi : Teknik Aeronautika D-III

Matakuliah : Aerodinamika & Kendali Terbang

Kelas / Dosen : A Ir. Amat Chaeroni, S.T., M.T.

Peserta : 35

Hal. 2

No	NIM	N A M A	ABSEN 10%	TUGAS 20%	UTS 30%	UAS 40%	NA	HURUF
28	231137024	RIFQI JULIAN PRANATA	16.00	70.00	90.00	65.00	77.00	A-
29	231137025	DISKY DIRGA DIWANGKARA	16.00	80.00	80.00	60.00	74.00	B+
30	231137026	FAZA DHIFAN PUTRA ARYANTO	15.00	80.00	90.00	85.00	86.40	A
31	231137027	MUHAMMAD NURZAM LIYANSYAH	16.00	70.00	75.00	65.00	72.50	B+
32	231137028	SEBASTIAN EGO	15.00	80.00	80.00	65.00	75.40	B+
33	231137029	PRIYATAMA ISRAMDHANI TRESNAWAN	15.00	70.00	75.00	65.00	71.90	B
34	231137030	FARHAN HASABI ROHMANI	15.00	80.00	75.00	90.00	83.90	A
35	231137031	FAJAR FEBRIYAN NURGROHO	11.00	0.00	65.00	0.00	0.00	null

Bobot Nilai

Absen : 10%

Tugas : 20%

UTS : 20%

UAS : 40%

Tatap Muka : 16 Kali

Jakarta, 9 August 2024

Dosen Pengajar



Ir. Amat Chaeroni, S.T., M.T.