

UNIVERSITAS 17 AGUSTUS 1945 SURABAYA

TRANSKRIP AKADEMIK / ACADEMIC TRANSCRIPT

Nomor / Number : 212012022000775



Fakultas Teknik
Faculty of Engineering

Teknik Mesin
Mechanical Engineering

Jurusan / Department : Teknik Mesin / Mechanical Engineering
Nama / Name : Naufal Iqbal Maulana
NBI / Student Number : 1421800141
Tempat, Tgl Lahir / : Jombang
Place and Date of Birth : 16 Juli 2000 / July 16th, 2000
Gelar / Degree Program : Sarjana Teknik (S.T.)

Index Prestasi / GPA : 3.69 / Cum Laude
Tahun Masuk / Enrollment Year : 2018
Tahun Lulus / Conferment Year : 20 Juli 2022 / July 20th, 2022
Lama Studi / Length of Study : 8 Semester
Program Pendidikan / : Sarjana (S1) / Undergraduate
Degree Program

No	Kode / Code	Mata Kuliah / Subject	SKS / Credit	Nilai / Grade	No	Kode / Code	Mata Kuliah / Subject	SKS / Credit	Nilai / Grade	No	Kode / Code	Mata Kuliah / Subject	SKS / Credit	Nilai / Grade
1	000802	Bahasa Indonesia <i>Indonesian Language</i>	2	A-	25	4282402	Teknik Tenaga Listrik <i>Electrical Power Engineering</i>	2	AB	49	4285002	Kerja Praktek <i>Internship</i>	2	A
2	4280304	Fisika 1 <i>Physics 1</i>	4	A	26	4282202	Termodinamika 1 <i>Thermodynamics 1</i>	2	A	50	4285302	Material Komposit <i>Composite Material</i>	2	A
3	4280602	Gambar Teknik Dan Tugas <i>Engineering Drawing Assignment</i>	2	B	27	4282802	Bahasa Inggris <i>English</i>	2	A	51	4284602	Mesin Konversi Energi 2 <i>Energy Conversion Machine 2</i>	2	A
4	001002	Ilmu Sosial Budaya Dasar <i>Basic Social Sciences</i>	2	AB	28	4283203	Dinamika <i>Dynamics</i>	3	B	52	4284902	Motor Pembakaran Dalam <i>Internal Combustion Engine</i>	2	A-
5	4280402	Kimia Dasar <i>Basic Chemistry</i>	2	B+	29	4283303	Elemen Mesin 1 <i>Machine Elements 1</i>	3	B	53	4284802	Perlakuan Panas Dan Permukaan <i>Heat Treatment And Surface</i>	2	B
6	4280204	Matematika 1 <i>Mathematics 1</i>	4	A-	30	4283502	K3I <i>Occupational Health, Safety Environment</i>	2	A-	54	4284502	Sistem Kendali 2 <i>Control System 2</i>	2	A
7	4280702	Material Teknik 1 <i>Engineering Materials 1</i>	2	A-	31	4283403	Manajemen Produksi <i>Production Management</i>	3	A	55	4286902	Sistem Pembangkit Daya Air <i>Hydro Power Plant System</i>	2	AB
8	000702	Pendidikan Kewarganegaraan <i>Civics</i>	2	AB	32	4282902	Mekanika Fluida 1 <i>Fluid Mechanics 1</i>	2	B+	56	4284702	Sistem Pembangkit Tenaga <i>Power Generation System</i>	2	A
9	000102	Pendidikan Pancasila <i>Indonesian Ideology</i>	2	A	33	4286302	Metodologi Penelitian <i>Research Methodology</i>	2	A-	57	4285402	Teknik Pendingin <i>Refrigeration Engineering</i>	2	B+
10	4280502	Proses Manufaktur 1 <i>Manufacturing Process 1</i>	2	A	34	4283002	Perpindahan Kalor Dan Massa 1 <i>Heat And Mass Transfer 1</i>	2	A	58	4285101	Tugas Perancangan <i>Design Of Machine Element</i>	1	A
11	4281102	Fisika 2 <i>Physics 2</i>	2	B+	35	4283102	Termodinamika 2 <i>Thermodynamics 2</i>	2	A	59	005032	Kuliah Kerja Nyata <i>Community Service Program</i>	2	A
12	4281403	Gambar Mesin Dan Tugas <i>Mechanical Drawing Assignment</i>	3	A-	36	4284203	Elemen Mesin 2 <i>Machine Elements 2</i>	3	B+	60	4286002	Manajemen Perawatan <i>Maintenance Management</i>	2	A
13	4281004	Matematika 2 <i>Mathematics 2</i>	4	A-	37	4286602	Energi Surya <i>Solar Energy</i>	2	A-	61	4286202	Metode Elemen Hingga <i>Finite Element Method</i>	2	B+
14	4281502	Material Teknik 2 <i>Engineering Materials 2</i>	2	A-	38	4282702	Getaran Mekanik <i>Mechanical Vibration</i>	2	A-	62	4285702	Pompa Dan Kompresor <i>Pumps And Compressors</i>	2	AB
15	4281303	Mekanika Dan Kekuatan Material 1 <i>Strength Of Materials 1</i>	3	AB	39	4284402	Korosi <i>Corrosion</i>	2	AB	63	4285501	Pra Tugas Akhir <i>Final Project Seminar</i>	1	AB
16	000202	Pendidikan Agama Islam <i>Islamic Religion Education</i>	2	A	40	4283802	Mekanika Fluida 2 <i>Fluid Mechanics 2</i>	2	AB	64	4285802	Sistem Hidrolik Dan Pneumatik <i>Hydraulic Pneumatic Systems</i>	2	A
17	4281203	Proses Manufaktur 2 <i>Manufacturing Process 2</i>	3	B+	41	4284002	Mesin Konversi Energi 1 <i>Energy Conversion Machine 1</i>	2	A-	65	4285902	Teknik Pengcoran <i>Casting Engineering</i>	2	A
18	4281902	Analisa Numerik <i>Numerical Analysis</i>	2	B+	42	4284102	Pengembangan Produk <i>Product Development</i>	2	A	66	4286102	Teknik Pengelasan <i>Welding Engineering</i>	2	A
19	4282002	Cad-cam Dan Cnc <i>Cad Cam And Cnc</i>	2	AB	43	4283703	Pengukuran Teknik <i>Engineering Measurement</i>	3	B+	67	4286405	Tugas Akhir <i>Final Project</i>	5	A
20	4281802	Kewirausahaan <i>Entrepreneurship</i>	2	A	44	4283902	Perpindahan Kalor Dan Massa 2 <i>Heat And Mass Transfer 2</i>	2	A			Total	150	
21	4282302	Kinematika <i>Kinematics</i>	2	A	45	4284302	Proses Permesinan <i>Machining Process</i>	2	A					
22	4282102	Mekanika Dan Kekuatan Material 2 <i>Strength Of Materials 2</i>	2	AB	46	4283603	Sistem Kendali 1 <i>Control System 1</i>	3	A-					
23	4282502	Metallurgi Fisik <i>Physical Metallurgy</i>	2	AB	47	4288802	Analisa Teknik Biaya <i>Engineering Cost Analysis</i>	2	AB					
24	4282602	Statistika Dan Probabilitas <i>Statistics And Probability</i>	2	A-	48	4287702	C N C <i>C N C</i>	2	A					

Tugas Akhir / Final Project / Skripsi / Tesis / Thesis

Analisis Pengaruh Jumlah Sudu dan Head Turbin Terhadap Performa Turbin Kaplan untuk Pembangkit Listrik Tenaga Mikrohidro

Analysis of The Effect Number of Blades and Turbine Heads on The Performance of The Kaplan Turbine for Microhydro Power Plants

Pembimbing / Advisor : Ir. Gatut Priyo Utomo, M.Sc.



Surabaya, 4 September 2022
September 4th, 2022
Dekan / Dean

Dr. Ir. Sajoyo, M.Kes., IPU
NPP. 20410900197