



UNIVERSITAS MUHAMMADIYAH SURAKARTA

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SK Pendirian No: 0330/0/1981 tanggal 24 Oktober 1981

TRANSKRIP AKADEMIK – ACADEMIC TRANSCRIPT

NOMOR : 101/II/2020

Nama Mahasiswa : MUHAMAD NGGUFRON
Student Name :
Nomor Induk Mahasiswa : D200160156
Student Reg. Number :
Tempat & Tanggal Lahir : Grobogan, 26 Oktober 1998
Place & Date of Birth :
Nomor Seri Ijazah : 212012020000984
Serial Certificate Number :
Status Akreditasi : Terakreditasi A
Accreditation Status : Berdasarkan Surat Keputusan Badan Akreditasi Nasional Perguruan Tinggi Republik Indonesia Nomor 6030/SK/BAN-PT/Akred/S/IX/2020 Tanggal 29 September 2020
Fakultas : Teknik
Faculty :
Jenjang/Program Studi : S1/Teknik Mesin
Degree/Study Program :
Gelar Akademik : Sarjana Teknik (S.T.)
Academic Title :
Tanggal Lulus : 01 Oktober 2020
Date of Graduation :

MATAKULIAH - Course	SKS	NILAI	MATAKULIAH - Course	SKS	NILAI
SEMESTER 1			PRAKT PROSES MANUFAKTUR - Manufacturing Process Lab Work	1	AB
MENGAMBAR TEKNIK - Technical Drawing	2	AB	DASAR PEMROGRAMAN KOMPUTER - Basic Computer Programming	2	BC
STATIKA STRUKTUR - Structural Mechanics	2	C	PROSES MANUFAKTUR LANJUT - Advanced Manufacturing Process	2	B
MATERIAL TEKNIK - Materials	3	BC	METODE NUMERIK - Numerical Methods	2	BC
AGAMA - Religion	2	AB	SEMESTER 5		
PANCASILA - Pancasila	2	A	TUGAS PERENCANAAN MESIN - Machine Design Project	2	A
KALKULUS - Calculus	3	AB	PRAKTEK KERJA NYATA - Industrial Fieldwork	2	A
ENGLISH FOR ACADEMIC PURPOSE - English for Academic Purposes	2	B	PRATIUM HIDRODINAMIKA - Hydrodynamics Lab Work	1	B
KIMIA DASAR - Basic Chemistry	2	B	CAM DAN CAE - Computer Aided Manufacturing / Engineering	2	B
FISIKA DASAR - Basic Physics	2	AB	TECHNOPRENEUR - Technopreneur	2	A
vSEMESTER 2			BAHASA INDONESIA - Indonesian language	2	A
PRATIUM MENGAMBAR MESIN - Technical Drawing Lab Work	2	A	DINAMIKA TEKNIK - Dynamics	2	BC
IBADAH DAN MUAMALAH - Ibadah and Muamalah	2	A	PENGUKURAN TEKNIK - Mechanical Measurement	2	AB
STANDARDIZED TEST PREPARATION - Standardized Test Preparation	2	C	MESIN KONVERSI ENERGI - Energy Conversion Systems	2	BC
FISIKA TEKNIK - Engineering Physics	2	AB	TEKNIK KENDALI OTOMASI - Control Systems and Automation	2	C
KONSEP REKAYASA - Technological Concepts	1	A	PRATIUM FENOMENA DASAR MESIN - Mechanical Basic Phenomena Lab Work	1	AB
KALKULUS LANJUT - Advanced Calculus	3	BC	SEMESTER 6		
MEKANIKA KEKUATAN MATERIAL - Mechanical Strength of Materials	3	C	GROUP PROJECT - Research Group Project	2	A
PRATIUM FISIKA - Physics Lab Work	1	A	ENGINEERING SUSTAINABILITY - Engineering Sustainability	2	B
MATRIK DAN VEKTOR - Matrix and Vector	2	AB	MEKATRONIKA - Mechatronics	2	AB
STRUKTUR DAN SIFAT MATERIAL - Structure and Characteristics of Materials	2	A	PRATIUM PRESTASI MESIN - Engine Test Bed Lab Work	1	B
SEMESTER 3			MOTOR PEMBAKARAN DALAM - Internal Combustion Engine	2	BC
METROLOGI INDUSTRI + (PRATIUM) - Industrial Metrology (and Lab Work)	2	AB	KEMARGANEGARAAN - Civics	2	AB
THERMODYNAMIKA - Thermodynamics	2	BC	GETARAN MEKANIS - Mechanical Vibrations	2	BC
PROSES MANUFAKTUR - Manufacturing Process	2	BC	TEKNIK TENAGA LISTRIK - Electrical Power Engineering	2	B
ISLAM DAN IPTEKS - Islam, Science, Technology, and Arts	2	B	KETERAMPILAN BERKEHIDUPAN - Life Skills	2	A
ELEMEN MESIN - Machine Elements	3	B	MANAJEMEN OPERASI - Operational Management	2	A
PRATIUM MATERIAL - Materials Lab Work	1	AB	SEMESTER 7		
PERPINDAHAN KALOR DAN MASSA - Heat and Mass Transfer	2	C	PEMILIHAN BAHAN DAN PROSES - Materials Selection and Process	3	AB
MEKANIKA FLUIDA - Fluid Mechanics	2	B	MESIN PERKAKAS - Machining Tools	3	AB
MATEMATIKA TEKNIK - Engineering Mathematics	3	C	METODE PENELITIAN & STATISTIK - Research Methodology & Statistics	2	B
SEMESTER 4			TEKNIK PELAPISAN - Coating	3	A
KEMUHAMMADIYAHAN - Muhammadiyah Studies	2	AB	TEKNIK PEMBENTUKAN - Forming	3	A
DASAR SISTEM THERMAL - Basic Thermal Systems	2	C	TEKNIK PENGELASAN - Welding	3	B
DINAMIKA FLUIDA - Fluid Dynamics	2	BC	TEKNIK PENGEORAN - Casting	3	AB
SISTEM TRANSMISI MESIN - Mechanical Transmission System	3	A	SEMESTER 8		
PERPINDAHAN KALOR DAN MASSA LANJUT - Advanced Heat and Mass Transfer	2	AB	SEMINAR TUGAS AKHIR - Seminar	1	A
KINEMATIKA - Kinematics	2	C	TUGAS AKHIR - Final Project	5	A

Judul Tugas Akhir :
Thesis Title : INTERMETALLIC MATRIX COMPOSITES

Sistem Pemberian Nilai - Grading System

Nilai - Grade	Angka - Numeric	Arti - Meaning
A	4	Sangat Baik - Excellent
AB	3,5	Baik - Good
B	3	Baik - Good
BC	2,5	Cukup - Sufficient
C	2	Cukup - Sufficient
D	1	Kurang - Insufficient
E	0	Gagal - Fail

* = Konversi - Conversion ; ** = Portofolio - Portfolio

Dekan (Dean),

Ir. Sri Sunarjono, M.T., Ph.D., IPM
NIK/NIDN: 0630126302



Jumlah SKS - SKS Number : 144
Indeks Prestasi (IP) - GPA : 3,19
Predikat Kelulusan : Sangat memuaskan
Graduation Predicate : Very satisfactory

Transkrip ini dibuat dengan sebenarnya
This Transcript is issued truthfully

Surakarta, 03 Oktober 2020
Rektor (Rector),

Prof. Dr. Sofyan Anif, M.Si.
NIK/NIDN: 0625066301