



# UNIVERSITAS MUHAMMADIYAH SURAKARTA

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

## TRANSKRIP AKADEMIK - ACADEMIC TRANSCRIPT

NOMOR : 045/II/2019

Nama Mahasiswa : DICKY ARDIAN NUGRAHA  
 Student Name :  
 Nomor Induk Mahasiswa : D200150264  
 Student Reg. Number :  
 Tempat & Tanggal Lahir : Grobogan, 24 Juni 1997  
 Place & Date of Birth :  
 Nomor Seri Ijazah : 212012019000551  
 Serial Certificate Number :  
 Status Akreditasi : Terakreditasi B  
 Accreditation Status : Berdasarkan Surat Keputusan Badan Akreditasi Nasional Perguruan Tinggi Republik Indonesia Nomor 112/SK/BAN-PT/Akred/S/III/2015 Tanggal 28 Maret 2015

Fakultas : Teknik  
 Faculty :  
 Jenjang/Program Studi : SI/Teknik Mesin  
 Degree/Study Program :  
 Gelar Akademik : Sarjana Teknik (S.T.)  
 Academic Title :  
 Tanggal Lulus : 13 Mei 2019  
 Date of Graduation :

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

Judul Tugas Akhir : Thesis Title	STUDI EKSPERIMEN FLASH DRYER DENGAN VARIASI KETINGGIAN CYCLONE SEPARATOR DAN TEMPERATUR UDARA PENGERINGAN TERHADAP KUALITAS HASIL PENGERINGAN TEPUNG TAPIOKA DENGAN MASSA 2 KG
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### 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



Transkrip ini dibuat dengan sebenarnya  
 This Transcript is issued truthfully  
 Surakarta, 29 Juni 2019  
 Rektor (Rector),

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