



UNIVERSITAS INDONESIA

TRANSKRIP AKADEMIK ACADEMIC TRANSCRIPT

Nama (Name) : Benedictus Satrio Bagaskara
 N.P.M. (Student Number) : 2006484740
 Tempat Lahir (Place of Birth) : Depok
 Tanggal Lahir (Date of Birth) : 17-11-2001
 Program (Program) : Sarjana (Bachelor)
 Fakultas (Faculty) : Teknik (Engineering)
 Program Studi (Major) : Teknik Metalurgi dan Material (Metallurgy and Material Engineering)

Tanggal Lulus (Date of Graduation) : 11-07-2024
 Nomor Ijazah (Certificate Number) : 272012024000681
 Nomor Transkrip (Transcript Number) : 0157/Transkrip/S1-FT/Par/2/2024
 I.P.K. (G.P.A.) : 3,38 dengan (with) 144 Total Kredit (Credit Earned)
 Predikat (Predicate) : Sangat Memuaskan (Very Good)
 Judul Skripsi/Tesis/Disertasi (Undergraduate Thesis/Master's Thesis/Doctoral Thesis Title)
 Optimasi Modifikasi Permukaan Tandan Kosong Kelapa Sawit (TKKS) Dengan Plasma Dingin Menggunakan Jenis Prekursor Alkohol
 (Optimization of Surface Modification of Oil Palm Empty Fruit Bunches (OPEFB) with Cold Plasma Using Alcohol Precursors)

Kode (Code)	Mata Kuliah (Course Title)	K	(C)	N	(G)
Semester 2020/2021 - 1					
ENGE600001	Kalkulus 1 (Calculus 1)	3		B-	
ENGE600005	Fisika Mekanika dan Panas (Physics - Mechanics and Thermal)	3		A-	
ENGE600006	Praktikum Fisika Mekanika dan Panas (Physics - Mechanics and Thermal Lab)	1		A-	
ENGE600009	Kimia Dasar (Basic Chemistry)	2		B+	
ENMT601001	Menggambar Teknik (Engineering Drawing)	2		A-	
ENMT601002	Pengantar Material Teknik (Introduction to Engineering Materials)	2		B+	
ENMT601003	Praktikum Kimia Dasar (Basic Chemistry Laboratory)	1		B-	
UIGE600003	MPK Bahasa Inggris (English)	2		E	
UIGE600011	Kristen Katolik (Catholic Studies)	2		A	
Semester 2020/2021 - 2					
ENGE600002	Kalkulus 2 (Calculus 2)	3		D	
ENGE600007	Fisika Listrik, MGO (Physics - Electricity, MWO)	3		A	
ENGE600008	Praktikum Fisika Listrik, MGO (Physics - Electricity, MWO Lab)	1		A	
ENMT602004	Fisika Material 1 (Materials Physics 1)	2		B-	
ENMT602005	Statika dan Mekanika Material (Statics and Mechanics of Materials)	3		B+	
ENMT602006	Termodinamika Material (Thermodynamics of Materials)	2		B	
UIGE600006	MPKT (Integrated Character Building)	5		A-	
Semester 2021/2022 - 1					
ENGE600004	Aljabar Linier (Linear Algebra)	4		B+	
ENGE600012	K3LL (HSE)	2		A-	
ENMT603007	Elektrokimia (Electrochemistry)	3		C+	
ENMT603008	Fisika Material 2 (Materials Physics 2)	3		B	
ENMT603009	Karakterisasi Material (Materials Characterization)	3		B	
ENMT603010	Kimia Material (Materials Chemistry)	2		B+	
ENMT603011	Komputasi Numerik (Numerical Computation)	2		B+	
ENMT603012	Peng Mekanika Fluida & Perpindahan Panas (Intro to Fluid Mechanics & Heat Transfer)	2		B+	
Semester 2021/2022 - 2					
ENGE600002	Kalkulus 2 (Calculus 2)	3		A	
ENMT604013	Analisis Data dan Penulisan Ilmiah (Data Analysis and Scientific Writing)	2		D	
ENMT604014	Fisika Material 3 (Materials Physics 3)	3		B+	
ENMT604015	Korosi dan Proteksi Logam (Corrosion and Protection of Metals)	3		C+	
ENMT604017	Pengolahan Mineral (Mineral Processing)	2		A-	
ENMT604018	Perlakuan Panas dan Rekayasa Permukaan (Heat Treatment and Surface Engineering)	3		B	
ENMT604019	Praktikum Karakterisasi Material (Materials Characterization Laboratory)	1		B	
ENMT808962	Manufaktur Polimer Lanjut (Advanced Polymer Manufacturing)	2		E	
Semester 2022/2023 - 1					
ENMT605020	Metalurgi Ekstraksi (Extractive Metallurgy)	3		B	
ENMT605021	Pembuatan Besi dan Baja (Iron and Steel Making)	2		B+	
ENMT605022	Pemilihan Material (Materials Selection)	2		B+	
ENMT605023	Penyambungan Material (Materials Joining)	3		A-	
ENMT605024	Proses Manufaktur Logam (Metal Manufacturing Process)	4		B	
ENMT605025	Proses Manufaktur Polimer (Polymer Manufacturing Process)	3		A-	
ENMT605026	Praktikum Korosi (Corrosion Laboratory)	1		A-	
Semester 2022/2023 - 2					
ENMT604013	Analisis Data dan Penulisan Ilmiah (Data Analysis and Scientific Writing)	2		D	
ENMT606027	Analisis Kegagalan (Failure Analysis)	3		B	
ENMT606028	Disain Rekayasa Produk dan Proses (Engineering Design of Product and Process)	3		A	
ENMT606029	Teknologi Keramik (Ceramics Technology)	3		B+	
ENMT606030	Teknologi Komposit (Composite Technology)	3		B-	
ENMT606031	Praktikum Manufaktur Logam (Metals Manufacturing Laboratory)	1		A-	
ENMT606032	Praktikum Metalurgi Ekstraksi (Extractive Metallurgy Laboratory)	1		B-	
ENMT608952	Ekologi Industri (Industrial Ecology)	2		A-	
ENMT608956	Peralatan Mekanika Industri (Industrial Mechanical Equipment)	2		A	
ENMT808962	Manufaktur Polimer Lanjut (Advanced Polymer Manufacturing)	2		A-	

Kode (Code)	Mata Kuliah (Course Title)	K	(C)	N	(G)
Semester 2023/2024 - 1					
ENMT600034	Kerja Praktek (Internship)	2		A	
ENMT600035	Seminar (Seminar)	2		A	
ENMT607033	Technopreneurship (Technopreneurship)	2		A-	
ENMT607938	Biomaterial (Biomaterial)	2		B	
ENMT607939	Etika Enjiniring (Engineering Ethics)	2		B+	
ENMT607942	Sistem Manajemen Mutu (Quality Management Systems)	2		A-	
ENMT807948	Material Elektronik (Electronic Materials)	3		A	
ENMT807949	Mikroskopi Elektron (Electron Microscopy)	2		A-	
ENMT807951	Teknologi Nano (Nanotechnology)	3		B+	
UIGE600003	MPK Bahasa Inggris (English)	2		T	
Semester 2023/2024 - 2					
ENMT600036	Skripsi (Final Project)	4		A	
ENMT604013	Analisis Data dan Penulisan Ilmiah (Data Analysis and Scientific Writing)	2		B	
ENMT604016	Material Polimer (Polymer Materials)	2		B	
ENMT808963	Material Cerdas (Smart Materials)	3		A	
ENMT808964	Material Energi (Energy Materials)	2		B+	
SPSS602223	Keluarga dan Transformasi Sosial (Family and Social Transformation)	3		A-	
UIGE600003	MPK Bahasa Inggris (English)	2		C	

----- Akhir dari Transkrip (End of Transcript) -----

20 Agustus 2024
 Direktur Pendidikan (Director of Academic Affairs)

Prof. Dr. Ir. Anak Agung Putri Ratna, M.Eng.
 NIP. 196104241989032002

