

INSTITUT TEKNOLOGI SEPULUH NOPEMBER TRANSKRIP SEMENTARA/TEMPORARY ACADEMIC TRANSCRIPT



FAKULTAS TEKNOLOGI INDUSTRI DAN
REKAYASA SISTEM

FACULTY OF INDUSTRIAL TECHNOLOGY
AND SYSTEMS ENGINEERING

Departemen / *Department* : Teknik Material / *Materials Engineering*
Nama / *Name* : Achmad Fadjar Maulana Firdaus
NRP / *ID No* : 5011211001
Tempat, Tanggal Lahir / *Place, Date of Birth* : Jombang,
22 April 2004

Indeks Prestasi / *GPA* : 3.83
Tahun Masuk / *Entrance Year* : 2021

No	Kode <i>Code</i>	Mata Kuliah <i>Subject</i>	Sem <i>Sem</i>	Kr <i>Cr</i>	Nilai <i>Grade</i>
1	KM184101	Matematika 1 <i>Mathematics 1</i>	1	3	A
2	SF184101	Fisika 1 <i>Physics 1</i>	1	4	A
3	SK184101	Kimia 1 <i>Chemistry 1</i>	1	3	A
4	TL184101	Pengantar Teknik Material dan Metalurgi <i>Introduction to Materials and Metallurgical Engineering</i>	1	2	AB
5	UG184901	Agama Islam <i>Islamic Studies</i>	1	2	AB
6	UG184911	Pancasila <i>Pancasila</i>	1	2	A
7	UG184912	Bahasa Indonesia <i>Indonesian</i>	1	2	AB
8	UG184913	Kewarganegaraan <i>Civics</i>	1	2	A
9	UG184914	Bahasa Inggris <i>English</i>	1	2	A
10	KM184201	Matematika 2 <i>Mathematics 2</i>	2	3	A
11	SF184202	Fisika 2 <i>Physics 2</i>	2	3	A
12	TL184202	Mekanika Teknik <i>Engineering Mechanic-Static</i>	2	2	A
13	TL184203	Gambar Teknik dan Mesin +TB <i>Engineering Drawing +A</i>	2	3	AB
14	TL184204	Kimia Material +P <i>Materials Chemistry +P</i>	2	3	A
15	TL184305	Termodinamika material <i>Materials Thermodynamics</i>	3	3	AB
16	TL184306	Pemrograman Komputer <i>Computer Programming</i>	3	3	A
17	TL184307	Diagram Fasa dan Transformasi <i>Phase Diagram and Transformation</i>	3	3	AB
18	TL184308	Elemen Mesin <i>Machine Design</i>	3	3	AB
19	TL184309	Metalurgi 1 +P <i>Metallurgy 1 +P</i>	3	3	B
20	TL184310	Matematika Rekayasa <i>Advanced Engineering Mathematics</i>	3	3	AB
21	TL234312	Biologi <i>Biology</i>	3	2	A

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22	TL184411	Karakterisasi Material <i>Materials Characterization</i>	4	3	A
23	TL184412	Korosi dan Pengendalian +P <i>Corrosion and Corrosion Control +P</i>	4	3	A
24	TL184413	Proses Manufaktur +P <i>Manufacturing Process +P</i>	4	3	A
25	TL184414	Metalurgi 2 +P <i>Metallurgy 2 +P</i>	4	3	AB
26	TL184415	Analisis Numerik dan Pemodelan <i>Numerical Analysis and Modeling</i>	4	3	A
27	TL184416	Statistik dan Perencanaan Eksperimen <i>Statistics and Experimental Design</i>	4	3	A
28	TL234417	Fenomena Transport <i>Transport Phenomena</i>	4	4	AB
29	TL234419	Biomaterial <i>Biomaterials</i>	4	2	AB
30	TL234420	Perlakuan Panas <i>Heat Treatment</i>	4	3	A
31	TL234422	Material Keramik dan Gelas <i>Ceramics and Glass Materials</i>	4	3	A
32	TL184522	Deformasi dan Proses Pembentukan <i>Deformation and Forming Processes</i>	5	3	A
33	TL234524	Proses Pembuatan Besi dan Baja <i>Iron and Steel Making</i>	5	3	A
34	TL234525	Teknologi Pengelasan <i>Welding Technology</i>	5	3	A
35	TL234528	Mekanika Patahan dan Analisis Kegagalan <i>Fracture Mechanics and Failure Analysis</i>	5	3	A
36	TL234529	Teknologi Pengecoran <i>Casting Technology</i>	5	3	AB
37	TL234542	Material Elektronik <i>Electronic Materials</i>	5	3	A
38	TL234549	Keselamatan dan kesehatan kerja <i>Occupational Safety and Health</i>	5	3	AB
39	TL184623	Material Polimer * <i>Polymer Materials *</i>	6	3	A
40	TL234630	Ekstraksi Metalurgi dan Proses Pemurnian <i>Extractive Metallurgy and Refining Process</i>	6	3	A
41	TL234631	Metode Elemen Hingga <i>Finite Element Method</i>	6	3	AB
42	TL234632	Proses Manufaktur 2 <i>Manufacturing Process 2</i>	6	2	A

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43	TL234633	Material Komposit <i>Composite Materials</i>	6	3	A
44	TL234634	Manajemen Produksi <i>Production Management</i>	6	3	A
45	UG234915	Kewirausahaan Berbasis Teknologi <i>Technopreneurship</i>	6	2	A
46	UG234916	Aplikasi Teknologi & Transformasi Digital <i>Applied Technology and Digital Transformation</i>	6	3	A
47	TL234735	Desain Proses Industri <i>Industrial Process Design</i>	7	3	A
48	TL234736	Metodologi Penelitian <i>Research Methodology</i>	7	3	AB
49	TL234737	Kerja Praktek <i>Practical Work</i>	7	2	A
50	UG234936	Energi dan Lingkungan <i>Energy and Environment</i>	7	3	A
51	UG234952	Pengembangan Profesional <i>Professional Development</i>	7	3	A
52	SK234826	Kimia Plastik <i>Plastic Chemistry</i>	8	3	AB
Jumlah Kredit / <i>Total of Credits</i>			146		

Catatan Nilai / *Grade Explanation (Points)*

A	Istimewa / <i>Excellent (4)</i>
AB	Baik Sekali / <i>Very Good (3.5)</i>
B	Baik / <i>Good (3)</i>
BC	Cukup Baik / <i>Sufficient (2.5)</i>
C	Cukup / <i>Fair (2)</i>
D	Kurang / <i>Poor (1)</i>
E	Kurang Sekali / <i>Very Poor (0)</i>



Surabaya, 2 April 2025
Direktur Pendidikan Sarjana dan Pascasarjana,
Directorate of Education for Undergraduate and Postgraduate Program



Prof. Dr. Eng. Chastine Fatchah, S.Kom., M.Kom.
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- This document is only use for: student exchange; short program; internship program; scholarship; joint/double degree; and registration to master degree.
- Should any data differences occur, then the valid data will refer to Online Academic Information System.