

TRANSKRIP/ACADEMIC TRANSCRIPT

Nomor Ijazah Nasional (NINA)/National Diploma Numbering : 452012020000103
 Nomor/Number : 536/ITK-9/JSTPK-2/S1/2020



KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN
 INSTITUT TEKNOLOGI KALIMANTAN

MINISTRY OF EDUCATION AND CULTURE
 INSTITUT TEKNOLOGI KALIMANTAN

Jurusan/Department : Sains, Teknologi Pangan, dan Kemaritiman/
 Science, Food Technology, and Maritime
 Program Studi/Study Program : Fisika/
 Physics
 Nama/Name : Fikri Abdullah
 NIM/ID No : 01161011
 Tempat, Tgl Lahir/ : Tarakan, 08 November 1998/
 Place, Date of Birth : Tarakan, November 08th, 1998

Gelar/Degree : Sarjana Sains (S.Si.)
 Bachelor of Science
 Indeks Prestasi/GPA : 3,29
 Tahun Masuk/Entrance Year : 2016
 Tahun Lulus/Graduation Year : 2020
 Lama Studi/Length of Study : 8 Semester
 Predikat/Predicate : Sangat Memuaskan/Very Satisfactory
 Tanggal Lulus/Graduation Date : 27 Agustus 2020/August 27th, 2020

No	Kode	Mata Kuliah	Kr	Nilai
1	FI1001	Fisika Dasar I	3	AB
2	FI1002	Fundamental of Physics I	3	AB
3	FI1003	Biologi Umum	2	B
4	FI1004	Biologi	2	B
5	FI1005	Aljabar Linier	3	A
6	FI1006	Linier Algebra	3	A
7	FI1007	Kimia Dasar	2	C
8	FI1008	Fundamental of Chemistry	2	C
9	FI1009	Teknik Komunikasi Ilmiah	2	AB
10	FI1010	Scientific Communication Method	2	AB
11	FI1011	Bahasa Inggris	2	AB
12	FI1012	English	2	AB
13	FI1013	Kalkulus I	3	AB
14	FI1014	Calculus I	3	AB
15	FI1015	Algoritma dan Pemrograman	2	AB
16	FI1016	Algorithm and Programming	2	AB
17	FI1017	Fisika Dasar II	3	B
18	FI1018	Fundamental of Physics II	3	B
19	FI1019	Fisika Madya	4	BC
20	FI1020	Middle Physics	4	BC
21	FI1021	Laboratorium Kimia Dasar	2	AB
22	FI1022	Fundamental Chemistry Laboratory	2	AB
23	FI1023	Agama Islam	2	A
24	FI1024	Religion	2	A
25	FI1025	Kalkulus II	3	A
26	FI1026	Calculus II	3	A
27	FI1027	Pengantar Metode Statistik	2	BC
28	FI1028	Introduction to Statistical Method	2	BC
29	FI1029	Fisika Modern I	3	A
30	FI1030	Modern Physics I	3	A
31	FI1031	Fisika Matematika I	4	AB
32	FI1032	Mathematical Physics I	4	AB
33	FI1033	Gelombang I	3	AB
34	FI1034	Wave I	3	AB
35	FI1035	Termodinamika	4	AB
36	FI1036	Thermodynamics	4	AB
37	FI1037	Mekanika I	3	B
38	FI1038	Mechanics I	3	B
39	FI1039	Mekanika Dasar I	3	BC
40	FI1040	Basic Electronics I	3	BC

No	Kode	Mata Kuliah	Kr	Nilai
21	FI1115	Fisika Modern II	4	3
22	FI1116	Modern Physics II	4	3
23	FI1117	Fisika Matematika II	4	4
24	FI1118	Mathematical Physics II	4	4
25	FI1119	Mekanika II	4	3
26	FI1120	Mechanics II	4	3
27	FI1121	Elektronika Dasar II	4	3
28	FI1122	Basic Electronics II	4	3
29	FI1123	Gelombang II	4	2
30	FI1124	Wave II	4	2
31	FI1125	Fisika Laboratorium	4	2
32	FI1126	Laboratory Physics	4	2
33	FI1127	Wawasan Teknologi dan Lingkungan	4	3
34	FI1128	Technology and Environmental Education	4	3
35	FI1129	Ilmu Bahan I	5	2
36	FI1130	Material Science I	5	2
37	FI1131	Metode Numerik	5	3
38	FI1132	Numerical Method	5	3
39	FI1133	Fisika Kuantum I	5	3
40	FI1134	Quantum Physics I	5	3
41	FI1135	Geofisika Dasar	5	2
42	FI1136	Basic Geophysics	5	2
43	FI1137	Medan Elektromagnetik I	5	3
44	FI1138	Electromagnetism I	5	3
45	FI1139	Fisika Zat Padat I	6	2
46	FI1140	Solid State Physics I	6	2
47	FI1141	Ilmu Bahan II	6	3
48	FI1142	Material Science II	6	3
49	FI1143	Medan Elektromagnetik II	6	3
50	FI1144	Electromagnetism II	6	3
51	FI1145	Fisika Komputasi	6	3
52	FI1146	Computational Physics	6	3
53	FI1147	Fisika Kuantum II	6	3
54	FI1148	Quantum Physics II	6	3
55	FI1149	Geologi Dasar	6	2
56	FI1150	Basic Geology	6	2
57	FI1151	Fisika Zat Padat II	6	3
58	FI1152	Solid State Physics II	6	3
59	FI1153	Elektronika	6	2
60	FI1154	Electronics	6	2

No	Kode	Mata Kuliah	Kr	Nilai
41	FI1231	Fisika Inti	7	2
42	FI1232	Nuclear Physics	7	2
43	FI1233	Fisika Statistik I	7	3
44	FI1234	Statistical Physics I	7	3
45	FI1235	Fisika Instrumentasi	7	2
46	FI1236	Instrumentation Physics	7	2
47	FI1237	Fisika Energi Terbarukan	7	2
48	FI1238	Physics of Renewable Energy	7	2
49	FI1239	Kerja Praktikum	7	2
50	FI1240	Internship	7	2
51	FI1241	Fisika Polimer	7	2
52	FI1242	Polymer Physics	7	2
53	FI1243	Fisika Bahan Lanjut	7	2
54	FI1244	Advanced Material Physics	7	2
55	FI1245	Technopreneurship	7	3
56	FI1246	Wawasan Kebangsaan	7	2
57	FI1247	Nationalism	7	2
58	FI1248	Fisika Inti II	8	2
59	FI1249	Nuclear Physics II	8	2
60	FI1250	Fisika Statistik II	8	3
61	FI1251	Statistical Physics II	8	3
62	FI1252	Tugas Akhir II	8	6
63	FI1253	Final Project II	8	6
64	FI1254	Fisika Semikonduktor	8	2
65	FI1255	Physics of Semiconductor	8	2
66	FI1256	Fisika Bahan Komposit	8	2
67	FI1257	Composite Physics	8	2
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Catatan Nilai/Grade Explanation (Point) :

- A : Istunewa/Excellent (4)
- AB : Baik Sekali/Very Good (3.5)
- B : Baik/Good (3)
- BC : Cukup Baik/Sufficient (2.5)
- C : Cukup/Fair (2)
- D : Kurang/Poor (1)
- E : Kurang Sekali/Very Poor (0)

Tugas Akhir/Final Project

Mesin Brayton Kuantum Berbasis Partikel Tunggal Relativistik dan Non-relativistik sebagai Substansi Kerja dalam Kotak Potensial Simetris 1, 2, dan 3 Dimensi
 Quantum Brayton Engine Based on a Relativistic and Non-relativistic Particle as a Working Substance in 1, 2, and 3 Dimensional Symmetric Potential Box

Pembimbing/Advisor : 1. Fadli Robiandi, S.Si., M.Si.
 2. Yohanes Dwi Saputra, S.Si., M.Si.



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