



# Universitas Hang Tuah Surabaya

## TRANSKRIP AKADEMIK ACADEMIC TRANSCRIPT

### FAKULTAS TEKNIK DAN ILMU KELAUTAN FACULTY OF ENGINEERING AND MARINE SCIENCE

#### PROGRAM STUDI TEKNIK PERKAPALAN MAJOR OF NAVAL ARCHITECTURE AND SHIP BUILDING ENGINEERING Study Program License Number : 9551/DITK-VII/2011 Status of Accreditation : B Dep. BAN PT No. 2491/SK/BAH-PT/Akred/SK/2016

No. 188.02.1.000333/17

<b>Nama</b> Name of Student	<b>Ach Ali Sahr</b>
<b>N.I.M.</b> Student Registered Number	130210020
<b>Tanggal masuk</b> Date of enrollment	01 September 2013 September 1, 2013
<b>Tempat dan tanggal lahir</b> Place and date of birth	Lamongan, 16 Oktober 1994 Lamongan, October 16, 1994
<b>Gelar keserjanaan atau ijazah yang diperoleh</b> Title or Certificate Achieved	Sarjana Teknik (S.T.)
<b>Tanggal kelulusan</b> Date of graduation	15 Agustus 2017 August 15, 2017

No	Kode dan Nama Mata Kuliah Code and Subject	Sks Soy	Nilai Score
1	TOP 101 Pendidikan Agama Religion	2	B+
2	TOI 100 Matematika Dasar Mathematic	3	C
3	TOP 104 Bahasa Indonesia Indonesian	3	B
4	TOP 102 Pendidikan Pancasila Pancasila	2	A
5	TOP 106 Teknologi Informasi Information Technology	2	A
6	TOP 105 Bahasa Inggris English	3	B
7	UHP 107 IPTEK Kelautan Marine Science & Technology	2	A-
8	TOP 203 Pendidikan Kewarganegaraan Citizenship Study	2	A-
9	TOI 203 Matematika Teknik Engineering Math	3	B+
10	TPH 210 Teori Bangunan Kapal - 1 Theory Of Naval Architecture - 1	2	B
11	TOI 201 Fisika Physics	4	B
12	TPH 207 Menggambar Teknik Engineering Drawing	2	A-
13	TPH 209 Teknik Pengukuran & Pengolahan Technique Of Measurement & Processing	3	B
14	TOM201 Ilmu Sosial dan Budaya Dasar Social and Culture Study	3	B
15	TPH 105 Mekanika Teknik Dasar Basic Of Engineering Mechanics	2	B
16	TPH 108 Ilmu Bahan Science Of Material	3	A-
17	TPH 111 Teori Bangunan Kapal - 2 Theory Of Naval Architecture - 2	2	B
18	TPB 101 Tugas - 1 (Perencanaan Dasar) Task - 1 (Basic Design)	2	C+
19	TPH 112 Konstruksi Kapal - 1 Ship Construction - 1	3	B
20	TPK 101 Perancangan Kapal Ship Equipment	3	B
21	TPK 119 Sistem Instalasi Perpipaan Pipe Installation System	2	A
22	TPH 114 Dinamika Ship Dynamic	2	B
23	TPH 119 Termodinamika Thermodynamics	2	A
24	TPH 206 Mekanika Teknik Terapan Applied Of Engineering Mechanics	2	B
25	TPH 200 Metode Numerik & Pemrograman Komputer Numerical Methods & Computer Programming	3	B+
26	TPH 215 Mesin Penggerak Kapal Ship Machinery	2	B
27	TPB 207 Tugas - 2 (Perencanaan Umum) Task - 2 (General Arrangement)	2	B
28	TPH 213 Konstruksi Kapal - 2 Ship Construction - 2	2	B+
29	TPK 202 Perencanaan Kapal Ship Design	2	B

No	Kode dan Nama Mata Kuliah Code and Subject	Sks Soy	Nilai Score
30	TPK 204 Teknologi Pengelasan Welding Technology	3	B
31	TPK 205 Fasilitas Produksi Ship Production Facilities	2	B
32	TPH 117 Tahanan Kapal Ship Resistance	2	C+
33	TPK 210 Pengendalian Produksi Production Control	2	B
34	TPH 116 Mekanika Fluida Fluid Mechanics	2	B
35	TPB 103 Tugas - 3 (Perencanaan Konstruksi) Task - 3 (Design Construction)	2	B+
36	TPK 107 Teknik Produksi Kapal - 1 Ship Production - 1	2	B-
37	TPK 106 Kapal Khusus Special Ship	2	B
38	TPK 109 Teknik Reparasi Kapal - 1 Ship Repair - 1	2	B
39	TPK 105 Inspeksi Pengelasan Welding Inspection	2	B
40	TPH 113 Analisa Biaya Cost Analysis	2	A-
41	TPH 218 Propulsi Kapal Ship Propulsion	2	A-
42	TPK 211 Kekuatan Kapal Ship Strength	2	B-
43	TPH 221 Statistik Industri Statistic Of Industry	2	A-
44	EPB 204 Tugas - 4 (Perencanaan Produksi) Task - 4 (Production Design)	3	B
45	TPK 208 Teknik Produksi Kapal - 2 Ship Production - 2	2	B+
46	TPK 216 Kapal Non Ferro Non Ferro Ship	2	B
47	TPK 218 Teknik Reparasi Kapal - 2 Ship Repair - 2	2	B-
48	TPH 222 Manajemen Produksi Production Management	2	B-
49	TPH 213 Hidrodinamika Hydrodynamics	2	B-
50	TOI 104 Metodologi Penelitian Research Method	2	A-
51	TPK 114 Korosi Corrosion	2	B
52	TPK 115 Gerak Kapal Ship Motion	2	C+
53	TPK 117 Gerakan Kapal Ship Heave	2	B+
54	TPK 116 Turan Helai Ship Steerage	2	B-
55	TPH 120 Analisa Optimasi Optimization Method	2	A-
56	TPH 124 Listrik Kapal Ship Electrical	2	B-
57	TPK 125 Pilihan 1 (Keselamatan & Kesehatan Kerja) Choice 1 (Safety & Health)	2	B+
58	TPK 126 Pilihan 2 (Manajemen Material) Choice 2 (Management Of Material)	2	B
59	TPM204 Simulasi Thesis	5	A-
60	TPM203 Praktek Kerja Lapangan Industrial Training	3	A
61	TOM202 Kewirausahaan Entrepreneurship	2	B-
62	TPB 231 Pilihan 3 (Psikologi Industri) Choice 3 (Psychology Of Industry)	2	B
63	TPK 234 Pilihan 4 (Marine Safety) Choice 4 (Marine Safety)	2	A
<b>TOTAL</b>		<b>= 144</b>	
<b>IPK / Grade Point Average</b>		<b>= 3,15</b>	

<b>Predikat Kelulusan</b> Graduation Notation	: Sangat Memuaskan Very Satisfactory
A = 4	Sangat Baik / Excellent
A- = 3.7	Sangat Baik / Very Good
B+ = 3.3	Baik / More than Good
B = 3	Baik / Good
B- = 2.7	Baik / Almost Good
C+ = 2.3	Cukup / Above Average
C = 2	Cukup / Average
D = 1	Kurang / Under Average

**Skrripsi / Title of Thesis :**  
Perancangan kapal selam tanpa awak unmanned underwater vehicle (UUV) sebagai sarana observasi bawah laut.  
The design of unmanned underwater vehicles (UUV) as a means of underwater observation.



Dekan,  
Dean

*[Signature]*

Dr. Dimat Prasita, M.App.Sc.  
NIP. 01050



Borabaya, 14 Oktober 2017  
Surabaya, October 14, 2017

*[Signature]*  
Rektor,  
Rector

Dr. Ir. Sudirman, S.I.P., S.E., M.A.P.  
NIP. 02471