



INSTITUT TEKNOLOGI NASIONAL

SK Mendikbud: 0180/0/1985 dated April 20, 1985

ACADEMIC RECORD

Student I.D. : 12-2012-168

Name : INDRA SEPTIAN SUHANDI

Place & date of birth : SANGATTA, 28 September 1992

Faculty : INDUSTRIAL TECHNOLOGY

Study Program : MECHANICAL ENGINEERING

Transcript Number : 0621/TA/6.1.12/ITENAS/IX/2017

Grade

A = 4 Excellent

B = 3 Good

C = 2 Fair

D = 1 Inadequate

E = 0 Fail

COURSE DESCRIPTION		CREDIT GRADE	
MS--101	INDONESIAN LANGUAGE	3	B
MS--102	RELIGION	3	B
MS--103	ENGLISH I	2	B
MS--105	NATIONALITY EDUCATION	3	B
MS--112	ENGINEERING MATHEMATICS II	3	D
MS--113	MECHANICAL DRAWING	4	A
MS--114	CAD	2	C
MS--115	ENGINEERING MATHEMATICS I	3	C
MS--116	STATICS	3	A
MS--117	PHYSICS OF MECHANICAL	3	B
MS--118	ENGINEERING MATERIAL	4	B
MS--122	COMPUTATION METHOD	3	C
MS--202	ENGLISH II	2	C
MS--211	STRENGTH OF MATERIAL	3	A
MS--212	HEAT TRANSFER	4	D
MS--213	THERMODYNAMICS	4	C
MS--214	KINEMATICS AND DYNAMICS	4	C
MS--215	PRODUCTION PROCESS	4	C
MS--216	MACHINE ELEMENT DESIGN I	4	C
MS--217	PHYSICAL METALURGY	4	C
MS--218	ENGINEERING POWER ELECTRICAL	2	C
MS--219	APPLIED CHEMISTRY	2	C
MS--221	STATISTIC	2	B
MS--222	ENTERPRENEURSHIP	3	C
MS--311	MACHINE ELEMENT DESIGN II	4	C
MS--312	INSTRUMENTATION AND CONTROL	4	C
MS--313	FLUID MECHANICS	4	C
MS--314	MAINTENANCE MANAGEMENT	2	B
MS--315	MECHANICAL VIBRATION	2	C
MS--316	FLUID MACHINERY	4	C
MS--317	ENVIRONMENTAL CONSERVATION ENGINEERING	2	B
MS--318	BASIC OF MECHANICAL PHENOMENA	2	C
MS--319	ENGINEERING OTOMOTIF	2	C
MS--321	PROJECT AND INDUSTRIAL MANAGEMENT	4	C
MS--322	METROLOGY	4	A
MS--390	INDUSTRIAL TRAINING	2	A
MS--411	CNC	3	C
MS--412	MECATRONICS	3	C
MS--413	MACHINE PERFORMANCE	2	B
MS--414	HYDROLIC AND PNEUMATIC	3	C

COURSE DESCRIPTION		CREDIT GRADE	
MS--415	MATERIAL AND PROCESS SELECTION	4	C
MS--416	HANDLING MACHINE	2	C
MS--417	ENGINEERING DESIGN	2	B
MS--419	ENERGY THERMAL SYSTEM	4	B
MS--451	FOUNDRY TECHNOLOGY	2	B
MS--452	MACHINE TOOLS TECHNOLOGY	2	C
MS--453	WELDING ENGINEERING	2	A
MS--500	FINAL PROJECT	5	A

Thesis :

PLANNING OF MONITORING SYSTEM OF HEAT

EXCHANGER SHELL AND TUBE TYPE AS LEARNING TO SUPPORT

Graduated on : 7 September 2017

Predicate : Satisfactory

Total Credit : 144 GPA : 2,51

Dean,

Dani Rusirawan, S.T., M.T., Ph.D.



Bandung, 15 September 2017

Rector,

Dr. Inam Aschuri, Ir., M.T.