



INSTITUT TEKNOLOGI NASIONAL

Skr Mendikbud: 0180/0/1985 dated April 20, 1995

ACADEMIC RECORD

Student I.D. : 12-2012-018

Name : IRVAN ULUM

Place & date of birth : SUBANG, 19 December 1993

Faculty : INDUSTRIAL TECHNOLOGY

Study Program : MECHANICAL ENGINEERING

Transcript Number : 0152/TN/6.1.12/ITENAS/II/2018

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	C
MS--105 NATIONALITY EDUCATION	3	A
MS--112 ENGINEERING MATHEMATICS II	3	C
MS--113 MECHANICAL DRAWING	4	C
MS--114 CAD	2	B
MS--115 ENGINEERING MATHEMATICS I	3	C
MS--116 STATICS	3	C
MS--117 PHYSICS OF MECHANICAL	3	B
MS--118 ENGINEERING MATERIAL	4	A
MS--122 COMPUTATION METHOD	3	B
MS--202 ENGLISH II	2	B
MS--211 STRENGTH OF MATERIAL	3	B
MS--212 HEAT TRANSFER	4	C
MS--213 THERMODYNAMICS	4	C
MS--214 KINEMATICS AND DYNAMICS	4	B
MS--215 PRODUCTION PROCESS	4	C
MS--216 MACHINE ELEMENT DESIGN I	4	B
MS--217 PHYSICAL METALURGY	4	A
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	B
MS--312 INSTRUMENTATION AND CONTROL	4	B
MS--313 FLUID MECHANICS	4	C
MS--314 MAINTENANCE MANAGEMENT	2	B
MS--315 MECHANICAL VIBRATION	2	C
MS--316 FLUID MACHINERY	4	D
MS--317 ENVIRONMENTAL CONSERVATION ENGINEERING	2	B
MS--318 BASIC OF MECHANICAL PHENOMENA	2	C
MS--319 ENGINEERING OTOMOTIF	2	B
MS--321 PROJECT AND INDUSTRIAL MANAGEMENT	4	C
MS--322 METROLOGY	4	C
MS--390 INDUSTRIAL TRAINING	2	A
MS--411 CNC	3	C
MS--412 MECHATRONICS	3	B
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	B
MS--417 ENGINEERING DESIGN	2	B
MS--419 ENERGY THERMAL SYSTEM	4	B
MS--451 FOUNDRY TECHNOLOGY	2	B
MS--453 WELDING ENGINEERING	2	B
MS--456 SAFETY AND RISK MANAGEMENT	2	B
MSA-500 FINAL PROJECT	5	A

Thesis :
EFFECT OF COMPOSTER ROUND ON
TEMPERATURE, COMPOSTING DURATION AND COMPOST CHARACTERISTIC

Graduated on : 2 February 2018
Total Credit : 144 GPA : 2,65

Dean, ITENAS

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



Bandung, 22 February 2018

Rector,

Dr. Iman Achwir, Ir., M.T.