

This is to certify that

MUKIRI, Simon Kiragu

having satisfied the requirements for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

MECHANICAL ENGINEERING TECHNOLOGY

— B. Tech. —

SECOND CLASS HONOURS (LOWER DIVISION)

was admitted to the degree at a Congregation held in NAIROBI, on the eleventh day of March, in the year

2022

Vice-Chancellor

Deputy Vice-Chancellor (Academics and Students Affairs)

BTMET 0011528



ACADEMIC TRANSCRIPT

Student Name: MUKIRI SIMON KIRAGU

Faculty: ENGINEERING AND THE BUILT **ENVIRONMENT**

Year of Admission:2017

Reg. Number: EMMI/06491P/2017

Programme: BACHELOR OF TECHNOLOGY IN

Academic Record for Year: Four(Final)

MECHANICAL ENGINEERING TECHNOLOGY (INDUSTRIAL

COURSE CODE	COURSE DESCRIPTION ENGINEERING OPTION)	CONTACT HOURS	MARKS	GRADE
EEMI4132	ENVIRONMENTAL POLLUTION AND CONTROL	48		В
EEMI4142	INDUSTRIAL HYDRAULICS AND PNEUMATICS	48		D
EEMI4144	BUILDING SERVICES ENGINEERING	48		С
EEMI4145	AUTOMATION TECHNOLOGY	48		A
EEMI4161	POWER PLANT TECHNOLOGY	48	1	В
EEMI4162	INDUSTRIAL PLANT TECHNOLOGY	48	[В
EEMI4191	MECHANICAL ENGINEERING PROJECT A	96		С
EEMI4201	INDUSTRIAL LAW	48		D
EEMI4231	MECHATRONIC SENSOR AND ACTUATOR SYSTEMS	48		В
EEMI4232	INDUSTRIAL ROBOTICS	48		D
EEMI4241	PLANT RELIABILITY AND MAINTENANCE	48		A
EEMI4263	ALTERNATIVE ENERGY ENGINEERING	48		C
EEMI4264	REFRIGERATION AND AIR CONDITIONING	48		С В
EEMI4291	MECHANICAL ENGINEERING PROJECT B	96		В А
EEMI4391	INDUSTRY BASED LEARNING - EXTERNAL ATTACHMENT	48	******	A ******
		NIOR ASSISTANT	!	
	THE	(EXAMINATION & CEI	!)

Recommendation(s)AWARDED	BACHELOR OF TECHNOLOGY IN MECH	ANICAL ENGINEERING:
TECHNOLOGY	SHAMILLE SECOND C PURE HOURS	(EDWERDINGION)

Classification of Degree

Date:12/05/2022

Pass:

Signature:

Classification of Certificate / Diploma 70% to 100% Distinction: Credit (Upper Division): 60% to 69% Credit (Lower Division): 50% to 59%

40% to 49%

First Class Honours: Second Class Honours (Upper Division): 60% to 69% Second Class Honours (Lower Division): 50% to 59% Pass:

70% to 100% 60% to 69% 50% to 59% 40% to 49% 40% to 49%

Grading of Marks 70% to 100% Α В C D 39% and below FAIL

^{*} Supplementary

^{**} Retake



ACADEMIC TRANSCRIPT

Student Name: MUKIRI SIMON KIRAGU

Faculty: ENGINEERING AND THE BUILT ENVIRONMENT

Year of Admission:2017

Reg. Number:EMMI/06491P/2017

Programme: BACHELOR OF TECHNOLOGY IN

Academic Record for Year: THREE

MECHANICAL ENGINEERING TECHNOLOGY

COURSE CODE	COURSE DESCRIPTION		CONTACT HOURS	MARKS	GRADE
*EEMI3101	ENTREPRENEURSHIP, TECHNOLOGY AND ENGINEERING MANAGEMENT		48		D
EEMI 3111	PROBABILITY AND STATISTICS		48		B D
EEMI2243	SOLID AND STRUCTURAL MECHANICS B		48		В
EEMI3131	INTRODUCTION TO MICROPROCESSORS		48	Ì	C
EEMI3132	ELECTRICAL MACHINES		48		D
EEMI3141	ENGINEERING DESIGN A		48		D
EEMI3142	MECHANICS OF MACHINES II		48		C
EEMI3143	FLUID MECHANICS II		48		В
EEMI3144	ENGINEERING THERMODYNAMICS II		48		C
EEMI3145	SAFETY AND RISK ENGINEERING		48		c
EEMI3201	ENGINEERING ECONOMICS		48		D
EEMI3211	NUMERICAL METHODS		48		В
EEMI3231	POWER ELECTRONICS AND MECHATRONICS		48		В
EEMI3232	CONTROL AND INSTRUMENTATION ENGINEERING		48		В
EEMI3241	ENGINEERING DESIGN B		48	ļ	C
EEMI3242	METROLOGY		48		Λ
EEMI3243	COMPUTER AIDED DESIGN AND MANUFACTURING		48		Ć
EEMI3244	AUTOMOTIVE TECHNOLOGY PRACTICE		60	******	*****
		SE	NIOR ASSISTAN	!	
		THI	E TECHNICAL UNIV	RSITY OF	KENYA
	I	1111	- ILOINING ON		

Recommendation(s)PASS: PROCEED TO YEAR 4 lssued without smudges on behalf of the Academic Registrar

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Date:12/05/2022

Signature:

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Classification of Certificate / Diploma Classification of Degree **Grading of Marks** First Class Honours: 70% to 100% 70% to 100% Distinction: 70% to 100% Α Credit (Upper Division): 60% to 69% Second Class Honours (Upper Division): 60% to 69% 60% to 69% В Credit (Lower Division): 50% to 59% Second Class Honours (Lower Division): 50% to 59% 50% to 59% C Pass: 40% to 49% 40% to 49% 40% to 49% D Pass: 39% and below FAIL

* Supplementary

** Retake



ACADEMIC TRANSCRIPT

Student Name: MUKIRI SIMON KIRAGU

Faculty: ENGINEERING AND THE BUILT ENVIRONMENT

Year of Admission:2017

Reg. Number: EMMI/06491P/2017

Programme: BACHELOR OF TECHNOLOGY IN

Academic Record for Year: TWO

MECHANICAL ENGINEERING

TECHNOLOGY

COURSE CODE	COURSE DESCRIPTION	CONTACT HOURS	MARKS	GRADE
EEMI 1121 EEMI1122 EEMI1123 EEMI1223 EEMI2111	PHYSICS CHEMISTRY BIOLOGICAL SCIENCE EARTH SCIENCES ENGINEERING MATHEMATICS IIA	60 48 48 48 48		D C C B
EEMI2141 EEMI2143 EEMI2145 EEMI2211 EEMI2221	COMPUTER AIDED ENGINEERING DRAWING SOLID AND STRUCTURAL MECHANICS A MATERIALS SCIENCE A ENGINEERING MATHEMATICS IIB COMPUTER PROGRAMMING	60 48 48 48 48		B B C D
EEMI2231 EEMI2241 EEMI2242 EEMI2244 UCCC1102 UCCC1201	ELECTRONICS AND MICROPROCESSORS MECHANICS OF MACHINES I FLUID MECHANICS I ENGINEERING THERMODYNAMICS I CRITICAL AND CREATIVE THINKING HEALTH EDUCATION	60 48 48 48 48 48		В С В В О С
*****	***************************************	**********	***********	**********
		SENIOR ASSIST (EXAMINATION A THE TECHNICAL UI	CERTIFIC	i

Recommendation(s).	PASS: PROCEED TO YEAR 3 ges on behalf of the Academic Registra
()	PASS: PROCEED I.Q. YEAR, 3 gas on hehalf of the Academic Registra
	1 1550ed Without Smudges on behalf of the Academic Registra

Date:12/05/2022

Pass:

Classification of Degree

Classification of Certificate / Diploma 70% to 100% Distinction: Credit (Upper Division): 60% to 69% Credit (Lower Division): 50% to 59%

40% to 49%

Second Class Honours (Lower Division): 50% to 59%

First Class Honours:

70% to 100% Second Class Honours (Upper Division): 60% to 69% 40% to 49%

Signature:

Grading of Marks 70% to 100% 60% to 69% 50% to 59%

Α

В

С

D

FAIL

40% to 49% 39% and below

* Supplementary

** Retake