



THE TECHNICAL UNIVERSITY OF KENYA

This is to certify that

MUKIRI, Simon Kiragu

having satisfied the requirements for the
award of the degree of

BACHELOR OF TECHNOLOGY

IN

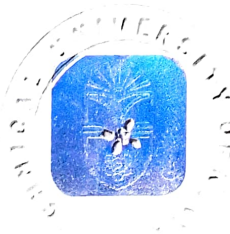
MECHANICAL ENGINEERING TECHNOLOGY

— 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



THE TECHNICAL UNIVERSITY OF KENYA

ACADEMIC TRANSCRIPT

Student Name: MUKIRI SIMON KIRAGU

Faculty: ENGINEERING AND THE BUILT ENVIRONMENT

Year of Admission: 2017

Reg. Number: EMMI/06491P/2017

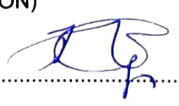
Programme: BACHELOR OF TECHNOLOGY IN MECHANICAL ENGINEERING TECHNOLOGY (INDUSTRIAL PLANT AND ENERGY ENGINEERING OPTION)

Academic Record for Year: Four(Final)

COURSE CODE	COURSE DESCRIPTION	CONTACT HOURS	MARKS	GRADE
EEMI4132	ENVIRONMENTAL POLLUTION AND CONTROL	48		B
EEMI4142	INDUSTRIAL HYDRAULICS AND PNEUMATICS	48		D
EEMI4144	BUILDING SERVICES ENGINEERING	48		C
EEMI4145	AUTOMATION TECHNOLOGY	48		A
EEMI4161	POWER PLANT TECHNOLOGY	48		B
EEMI4162	INDUSTRIAL PLANT TECHNOLOGY	48		B
EEMI4191	MECHANICAL ENGINEERING PROJECT A	96		C
EEMI4201	INDUSTRIAL LAW	48		D
EEMI4231	MECHATRONIC SENSOR AND ACTUATOR SYSTEMS	48		B
EEMI4232	INDUSTRIAL ROBOTICS	48		D
EEMI4241	PLANT RELIABILITY AND MAINTENANCE	48		A
EEMI4263	ALTERNATIVE ENERGY ENGINEERING	48		C
EEMI4264	REFRIGERATION AND AIR CONDITIONING	48		C
EEMI4291	MECHANICAL ENGINEERING PROJECT B	96		B
EEMI4391	INDUSTRY BASED LEARNING - EXTERNAL ATTACHMENT	48		A

<div style="border: 1px solid black; padding: 5px; text-align: center;"> SENIOR ASSISTANT REGISTRAR (EXAMINATION & CERTIFICATION) THE TECHNICAL UNIVERSITY OF KENYA </div>				

Recommendation(s) **AWARDED: BACHELOR OF TECHNOLOGY IN MECHANICAL ENGINEERING TECHNOLOGY WITH A SECOND CLASS HONOURS (LOWER DIVISION)**

Date: 12/05/2022 Signature: 

Classification of Certificate / Diploma

Distinction: 70% to 100%
Credit (Upper Division): 60% to 69%
Credit (Lower Division): 50% to 59%
Pass: 40% to 49%

Classification of Degree

First Class Honours: 70% to 100%
Second Class Honours (Upper Division): 60% to 69%
Second Class Honours (Lower Division): 50% to 59%
Pass: 40% to 49%

Grading of Marks

70% to 100% A
60% to 69% B
50% to 59% C
40% to 49% D
39% and below FAIL

* Supplementary

** Retake



THE TECHNICAL UNIVERSITY OF KENYA

ACADEMIC TRANSCRIPT

Student Name: MUKIRI SIMON KIRAGU

Faculty: ENGINEERING AND THE BUILT ENVIRONMENT

Year of Admission: 2017

Reg. Number: EMMI/06491P/2017

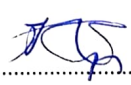
Programme: BACHELOR OF TECHNOLOGY IN MECHANICAL ENGINEERING TECHNOLOGY

Academic Record for Year: TWO

COURSE CODE	COURSE DESCRIPTION	CONTACT HOURS	MARKS	GRADE
EEMI 1121	PHYSICS	60		D
EEMI1122	CHEMISTRY	48		C
EEMI1123	BIOLOGICAL SCIENCE	48		C
EEMI1223	EARTH SCIENCES	48		B
EEMI2111	ENGINEERING MATHEMATICS IIA	48		C
EEMI2141	COMPUTER AIDED ENGINEERING DRAWING	60		B
EEMI2143	SOLID AND STRUCTURAL MECHANICS A	48		B
EEMI2145	MATERIALS SCIENCE A	48		C
EEMI2211	ENGINEERING MATHEMATICS IIB	48		D
EEMI2221	COMPUTER PROGRAMMING	48		C
EEMI2231	ELECTRONICS AND MICROPROCESSORS	60		B
EEMI2241	MECHANICS OF MACHINES I	48		C
EEMI2242	FLUID MECHANICS I	48		B
EEMI2244	ENGINEERING THERMODYNAMICS I	48		B
UCCC1102	CRITICAL AND CREATIVE THINKING	48		D
UCCC1201	HEALTH EDUCATION	48		C
UCCC1202	SOCIETY AND CULTURE	48		B

<div style="border: 1px solid black; padding: 10px; text-align: center;"> SENIOR ASSISTANT REGISTRAR (EXAMINATION & CERTIFICATION) THE TECHNICAL UNIVERSITY OF KENYA </div>				

Recommendation(s) **PASS: PROCEED TO YEAR 3**
Issued without smudges on behalf of the Academic Registrar

Date: 12/05/2022 Signature: 

Classification of Certificate / Diploma

Distinction:	70% to 100%
Credit (Upper Division):	60% to 69%
Credit (Lower Division):	50% to 59%
Pass:	40% to 49%

Classification of Degree

First Class Honours:	70% to 100%
Second Class Honours (Upper Division):	60% to 69%
Second Class Honours (Lower Division):	50% to 59%
Pass:	40% to 49%

Grading of Marks

70% to 100%	A
60% to 69%	B
50% to 59%	C
40% to 49%	D
39% and below	FAIL
* Supplementary	
** Retake	