



THE TECHNICAL UNIVERSITY OF KENYA

This is to certify that

MARINGA WANJIRU FAITH

having satisfied the requirements for the
award of the degree of

BACHELOR OF TECHNOLOGY

IN

INDUSTRIAL AND APPLIED CHEMISTRY

— B. Tech. —

SECOND CLASS HONOURS (UPPER DIVISION)

was admitted to the degree at a Congregation
held in NAIROBI,
on the twentieth day of December, in the year
2019

Vice-Chancellor



*Deputy Vice-Chancellor
(Academics and Students Affairs)*

BTIAC 0008513



THE TECHNICAL UNIVERSITY OF KENYA

ACADEMIC TRANSCRIPT

Student Name: MARINGA WANJIRU FAITH

Faculty: APPLIED SCIENCE AND TECHNOLOGY

Year of Admission: 2015

Reg. Number: SPCI/00535/2015

Programme: BACHELOR OF TECHNOLOGY IN APPLIED CHEMISTRY (INDUSTRIAL CHEMISTRY OPTION)

Academic Record for Year: Four(Final)

COURSE CODE	COURSE DESCRIPTION	CONTACT HOURS	MARKS	GRADE
SSCJ4111	SURFACE AND COLLOID CHEMISTRY	48		B
SSCJ4112	ENVIRONMENTAL IMPACT ASSESSMENT	48		B
SSCJ4113	FOOD CHEMISTRY TECHNOLOGY	48		C
SSCJ4121	COORDINATION AND ORGANOMETALLIC CHEMISTRY	48		D
SSCJ4122	MATERIAL SCIENCE	48		C
SSCJ4131	INDUSTRIAL BIOTECHNOLOGY	48		A
SSCJ4151	ENTREPRENEURSHIP	48		C
SSCJ4161	RESEARCH METHODS	48		B
SSCJ4209	BUSINESS PLAN	48		B
SSCJ4211	GOOD MANUFACTURING PRACTICE (GMP)	48		B
SSCJ4221	RADIOCHEMISTRY & RADIATION CHEMISTRY	48		C
SSCJ4222	STRUCTURAL CHEMISTRY	48		C
SSCJ4223	STEREOCHEMISTRY AND REACTION MECHANISMS	48		C
SSCJ4224	NANOTECHNOLOGY	48		A
SSCJ4225	SENSORS AND BIOSENSORS	48		B
SSCJ4231	ANALYSIS AND TREATMENT OF INDUSTRIAL EFFLUENTS	48		A
SSCJ4261	RESEARCH METHODS AND TRADE PROJECT	48		A
SSCJ4371	EXTERNAL INDUSTRY BASED LEARNING	432		A

SENIOR ASSISTANT REGISTRAR
(EXAMINATION & CERTIFICATION)
THE TECHNICAL UNIVERSITY OF KENYA

AWARDED: BACHELOR OF TECHNOLOGY IN APPLIED CHEMISTRY (INDUSTRIAL

Recommendation(s)CHEMISTRY OPTION) WITH A SECOND CLASS HONOURS (UPPER DIVISION).....

Issued without smudges on behalf of the Academic Registrar

Date: 18/03/2020

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: MARINGA WANJIRU FAITH

Faculty: APPLIED SCIENCE AND TECHNOLOGY

Year of Admission: 2015

Reg. Number: SPCI/00535/2015

Programme: BACHELOR OF TECHNOLOGY IN APPLIED CHEMISTRY (INDUSTRIAL CHEMISTRY OPTION)

Academic Record for Year: THREE

COURSE CODE	COURSE DESCRIPTION	CONTACT HOURS	MARKS	GRADE
SSCJ2234	FORMULATION CHEMISTRY AND TECHNOLOGY	48		C
SSCJ3111	COMPUTER APPLICATION III	48		B
SSCJ3121	PHYSICAL CHEMISTRY III A	48		B
SSCJ3122	COMPARATIVE STUDY OF D-BLOCK	48		A
SSCJ3123	ORGANIC CHEMISTRY III A	48		C
SSCJ3124	INORGANIC CHEMISTRY III	48		B
SSCJ3125	BIOCHEMICAL TECHNIQUES & SEPARATION METHODS	48		C
SSCJ3126	ENVIRONMENTAL CHEMISTRY	48		C
SSCJ3141	INSTRUMENTAL METHODS OF ANALYSIS I	48		D
SSCJ3221	PHYSICAL CHEMISTRY IIIB	48		A
SSCJ3222	CHEMISTRY OF NATURAL PRODUCTS	48		A
SSCJ3223	ELECTROCHEMICAL METHODS OF ANALYSIS	48		B
SSCJ3231	REACTOR DESIGN	48		C
SSCJ3232	PETROLEUM AND BIODIESEL PRODUCTION	48		C
SSCJ3233	INDUSTRIAL PHARMACEUTICAL CHEMISTRY	48		C
SSCJ3234	POLYMER CHEMISTRY AND PRODUCTION	48		B
SSCJ3251	HUMAN RESOURCE MANAGEMENT	48		A

SENIOR ASSISTANT REGISTRAR
(EXAMINATION & CERTIFICATION)
THE TECHNICAL UNIVERSITY OF KENYA

PASS: PROCEED TO YEAR 4

Recommendation(s)

Issued without smudges on behalf of the Academic Registrar

Date: 18/03/2020

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: MARINGA WANJIRU FAITH

Faculty: APPLIED SCIENCE AND TECHNOLOGY

Year of Admission: 2015

Reg. Number: SPCI/00535/2015

Programme: BACHELOR OF TECHNOLOGY IN APPLIED CHEMISTRY (INDUSTRIAL CHEMISTRY OPTION)

Academic Record for Year: TWO

COURSE CODE	COURSE DESCRIPTION	CONTACT HOURS	MARKS	GRADE
SSCJ2101	PROBABILITY AND STATISTICS	48		D
SSCJ2111	TECHNICAL DRAWING	48		A
SSCJ2112	COMPUTER APPLICATION II	48		B
SSCJ2113	PHYSICS IB	48		C
SSCJ2121	PHYSICAL CHEMISTRY IIA	48		B
SSCJ2122	ORGANIC CHEMISTRY IIA - NITROGEN CONTAINING COMPOUNDS	48		C
SSCJ2123	INORGANIC CHEMISTRY IIA	48		A
SSCJ2131	FLUID FLOW, HEAT AND MASS TRANSFER	48		C
SSCJ2221	PHYSICAL CHEMISTRY IIB	48		B
SSCJ2222	ORGANIC CHEMISTRY IIB	48		B
SSCJ2223	INORGANIC CHEMISTRY IIB	48		C
SSCJ2231	MATERIAL AND ENERGY BALANCE	48		C
SSCJ2232	INDUSTRIAL MICROBIOLOGY	48		C
SSCJ2233	BASIC INDUSTRIAL CHEMICALS	48		A
SSCJ2235	AGRO-BASED INDUSTRIES & INDUSTRIAL PROCESSES	48		B
<div style="border: 1px solid blue; padding: 5px; text-align: center;"> SENIOR ASSISTANT REGISTRAR (EXAMINATION & CERTIFICATION) THE TECHNICAL UNIVERSITY OF KENYA </div>				

PASS: PROCEED TO YEAR 3

Recommendation(s)

Issued without smudges on behalf of the Academic Registrar

Date: 18/03/2020

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: MARINGA WANJIRU FAITH

Faculty: APPLIED SCIENCE AND TECHNOLOGY

Year of Admission: 2015

Reg. Number: SPCI/00535/2015

Programme: BACHELOR OF TECHNOLOGY IN APPLIED CHEMISTRY (INDUSTRIAL CHEMISTRY OPTION)

Academic Record for Year: ONE

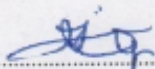
COURSE CODE	COURSE DESCRIPTION	CONTACT HOURS	MARKS	GRADE
SSCJ1101	CALCULUS I	48		A
SSCJ1111	BIOLOGY	48		C
SSCJ1121	PHYSICAL CHEMISTRY 1A	48		A
SSCJ1122	INORGANIC CHEMISTRY 1A	48		C
SSCJ1124	LABORATORY DESIGN, SAFETY AND FIRST AID	48		B
SSCJ1131	INDUSTRIAL CHEMICAL PROCESS	48		D
SSCJ1201	CALCULUS II	48		D
SSCJ1211	COMPUTER APPLICATION I	48		C
SSCJ1212	PHYSICS 1A	48		C
SSCJ1221	INORGANIC CHEMISTRY 1B	48		D
SSCJ1222	ORGANIC CHEMISTRY I	48		C
SSCJ1231	INDUSTRIAL UNIT OPERATIONS	48		D
SSCJ1251	FINANCIAL MANAGEMENT	48		B
UCCC1101	COMMUNICATION SKILLS	48		A
UCCC1102	CRITICAL AND CREATIVE THINKING	48		A
UCCC1103	SOCIETY AND CULTURE	48		C
UCCC1104	HEALTH EDUCATION	48		A
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PASS: PROCEED TO YEAR 2

Recommendation(s)

Issued without smudges on behalf of the Academic Registrar

Date: 18/03/2020

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	