UNIVERSITY of RWANDA

COLLEGE OF SCIENCE AND TECHNOLOGY

NDAYISENGA EMMANUEL

is awarded the degree of

BACHELOR OF SCIENCE (Hons) IN COMPUTER SCIENCE

SECOND CLASS HONOURS, LOWER DIVISION

as approved by the University Senate meeting of 10th October 2019 and confirmed by the Board of Governors meeting of 6th November 2019.

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University Registrar

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Vice Chancellor

CST/BSc (Hons)/CS   00008309

UNIVERSITY of RWANDA

COLLEGE OF SCIENCE AND TECHNOLOGY
School of Information and Communication Technology

Academic Transcript

BACHELOR OF SCIENCE WITH HONOURS IN COMPUTER SCIENCE

NAME	Registration Number	Transcript Number
NDAYISENGA EMMANUEL	216201837	CS/012/2019

YEAR I - Semester I (2015-2016)

Code	CU	Marks (%)	Grades
EST1161	0	52.00	D
SST1161	10	64.00	C
MAT1164	10	50.90	D
PHY1163	10	52.64	D
CSC1161	10	73.00	B
CSC1162	10	77.00	B
CSC1163	10	87.00	A

Annual average (%) 67.46

YEAR I - Semester II (2015-2016)

Code	CU	Marks (%)	Grades
EST1261	0	71.30	B
MAT1263	10	51.00	D
MEE1262	10	87.00	A
ETE1261	10	58.00	D
CSC1261	10	71.50	B
CSC1262	10	80.00	A
CSC1263	10	57.50	D
TOTAL	**120**		

Annual average (%) 67.46

YEAR II - Semester I (2016-2017)

Code	CU	Marks (%)	Grades
CSC2164	10	74.00	B
CSC2162	10	61.00	C
CSC2166	10	60.00	C
CSC2165	10	80.00	A
EAP2161	20	71.50	B
CSC2163	10	62.50	C
CSC2161	10	66.00	C

Annual average (%) 65.61

YEAR II - Semester II (2016-2017)

Code	CU	Marks (%)	Grades
CSC2265	10	56.00	D
ETE2261	10	51.00	D
CSC2261	10	76.00	B
CSC2262	10	54.00	D
CSC2263	10	76.00	B
CSC2264	10	59.00	D
TOTAL	**140**		

Annual average (%) 65.61

YEAR III - Semester I (2017-2018)

Code	CU	Marks (%)	Grades
CSC3164	10	50.00	D
CSC3163	10	69.50	C
ITE3162	10	57.00	D
CSC3161	10	50.00	D
CSC3165	10	62.00	C
CSC3164	10	51.19	D

Annual average (%) 58.27

YEAR III - Semester II (2017-2018)

Code	CU	Marks (%)	Grades
CSC3162	10	50.00	D
CSC 3263	10	63.00	C
CSC 3262	10	69.00	C
CSC 3261	10	61.00	C
TOTAL	**100**		

Annual average (%) 58.27

YEAR IV - Semester I (2018-2019)

Code	CU	Marks (%)	Grades
CSC4163	10	51.00	D
ITE4163	10	64.00	C
CSC4162	10	51.00	D
CSC4161	10	80.00	A
CSC3265	20	79.00	B
CSC4164	20	67.00	C

Annual average (%) 66.86

YEAR IV - Semester II (2018-2019)

Code	CU	Marks (%)	Grades
CSC4261	10	50.00	D
CSC4262	10	66.00	C
CSC4263	10	50.00	D
CSC4264	10	74.00	B
CSC4265	20	79.00	B
TOTAL	**140**		

Annual average (%) 66.86

Tot. Credit Units: 500
Cumulative AV: 64.14%
Degree Class: SECOND CLASS HONOURS, LOWER DIVISION
AY of completion: 2018-2019
Printed on: February 20, 2020

_____
College Registrar

_____
Principal

N O T E
- This is a 4-year programme
- See overleaf for used codes and degree classification scale
- The photograph is printed not affixed
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  (i) Naked eye visible

Hold this document to the light to verify the 5p can be seen through the paper.
A "GENUINE" thread is embedded in the paper horizontally through the sheet.

CODES AND COURSES

Code	Course
EST1161	English for Science and Technology I
SST1161	Study Skills
MAT1164	Mathematics for Engineers I
PHY1163	Physics for Engineers I
CSC1161	System Analysis & Design
CSC1162	PC Hardware
CSC1163	ICT Skills
EST1261	English for Science and Technology II
MAT1263	Mathematics for Engineers II
MEE1262	Engineering Drawing & CAD
ETE1261	Introduction to Electrical & Electronic Systems
CSC1261	Computer Programming
CSC1262	Data Structures & Algorithms
CSC1263	Discrete Structures for Computing
EAP2161	English for Academic Purposes I
CSC2161	Advanced Computer Programming in C++
CSC2162	Operating Systems
CSC2163	Computer Architecture
CSC2164	Database Management Systems
CSC2165	Web Design
CSC2166	Applied Probability & Statistics
EAP2261	English for Academic Purposes II
ETE2261	Digital & Electronic Circuits
CSC2261	UNIX Programming Environment
CSC2262	Java Programming
CSC2263	Database Management Tools
CSC2264	Analysis of Algorithms
CSC2265	Numerical Analysis
ITE3162	Interactive Web Development
CSC3161	Computer Networking
CSC3162	Data Mining and Data Warehousing
CSC3163	Human Centered Design
CSC3164	Interactive Computer Graphics
CSC3165	Software Engineering
CSC3261	E-commerce
CSC3262	Multimedia Systems
CSC3263	Software Project Management
CSC3264	Research Methodology
CSC3265	Research Project I
ITE4163	Industrial Attachment
CSC4161	Artificial Intelligence & Expert Systems
CSC4162	Foundations of Information Security
CSC4163	Mobile Computing
CSC4164	Research Project I
CSC4261	Cryptography & Network Security
CSC4262	Legal and Ethical Issues in Computing
CSC4263	Parallel and Distributed Systems
CSC4264	Entrepreneurship
CSC4265	Research Project II

Used abbreviations

Abbreviation	Meaning
AY	Academic year
CU	Credit Units
AV	Average marks

Grading scale

Marks	Letter	Grade Points
80-100	A (Excellent)	5
70-79.99	B (Very Good)	4
60-69.99	C (Good)	3
50-59.99	D (Pass)	2

Degree classification scale

Marks	Classification
80-100%, no module less than 70%	First class honours
70-79.99%, no module less than 60%	Second class honours, upper division
60-69.99%	Second class honours, lower division
50-59.99%	Pass

REMARKS

1. Any alteration or overwriting makes this academic transcript invalid. Anyone coming across such an academic transcript is requested to bring it to the notice of the Principal, CST, BP 3900, Kigali, Rwanda, or E-mail to: <principal.cst@ur.ac.rw> OR <registrar.cst@ur.ac.rw>
2. Any clarification or query on this academic transcript should be addressed to the Principal.
3. Pass mark for all subjects is 50%; Maximum mark for all subjects is 100%
4. Cumulative average is calculated from the last six semesters.