ERITREAN INSTITUTE OF TECHNOLOGY
COLLEGE OF SCIENCE

Ref: **Reg/TD9471/17/36**   Date: 03/12/2021

TEMPORARY CERTIFICATE OF GRADUATION

ABIEL ABRHAM YACOB

HAS BEEN AWARDED

BSc Degree

IN

COMPUTER SCIENCE

ON

21/08/2021

This Certificate of Graduation has been given pending the printing and issuance of the actual BSc Degree.

Registrar

ERITREA INSTITUTE OF TECHNOLOGY

COLLEGE OF SCIENCE
OFFICIAL STUDENT RECORD

Department of Computer Science
Major : **Computer Science (BSc Degree)**

Admission Date: **September, 2017**   Degree Awarded on: **21/08/2021**

Student: **ABIEL ABRHAM YACOB**   Student ID: **17/36**   Sex: **Male**   Date of Birth: **27/04/1999**

Academic Year: 2017/2018 — Year: 1 — Semester: I

Course Code	Course Title	Cr.Hr.	Grade	G.pt.	Remark
Biol 101	General Biology I	3	A	12	
Chem 101	General Chemistry-I	3	A	12	
Cosc 101	Introduction to Computer Science	3	A	12	
Engl 101	Freshman English - I	3	A	12	
Math 101	Preliminary Mathematics	4	A	16	
Phys 101	General Physics-I	3	A	12	
Semester:	C.Hr.: 19 G.Pt.: 76 GPA: 4.00			Cumulative GPA: 4.00	

Academic Year: 2017/2018 — Year: 1 — Semester: II

Course Code	Course Title	Cr.Hr.	Grade	G.pt.	Remark
Biol 102	General Biology II	3	A	12	
Chem 102	General Chemistry-II 3	3	A	12	
Cosc 142	Introduction to Programming	3	A	12	
Engl 102	Freshman English - II	3	A	12	
Math 162	Introduction to Calculus	4	A	16	
Phys 102	General Physics-II	3	B	9	
Semester:	C.Hr.: 19 G.Pt.: 73 GPA: 3.84			Cumulative GPA: 3.92	

Academic Year: 2018/2019 — Year: 2 — Semester: I

Course Code	Course Title	Cr.Hr.	Grade	G.pt.	Remark
Cosc 211	Data Structure and Algorithms	4	A	16	
Eeen 201	Fundamentals of Electrical & Electronics	3	A	12	
Eeen 271	Electrical Engineering Lab I	1	B	3	
Engl 201	Sophomore English-I	3	B	9	
Math 221	Fundamental Concepts of Algebra	3	A	12	
Math 231	Applied Mathematics-I	4	A	16	
Semester:	C.Hr.: 18 G.Pt.: 68 GPA: 3.78			Cumulative GPA: 3.88	

Academic Year: 2018/2019 — Year: 2 — Semester: II

Course Code	Course Title	Cr.Hr.	Grade	G.pt.	Remark
Cosc 222	Computer Architecture	4	A	16	
Cosc 242	Object Oriented Programming	3	A	12	
Engl 202	Sophomore English-II	3	A	12	
Math 232	Applied Mathematics-II	4	A	16	
Stat 200	Introduction to Statistics	3	A	12	
Semester:	C.Hr.: 17 G.Pt.: 68 GPA: 4.00			Cumulative GPA: 3.90	

Academic Year: 2019/2020 — Year: 3 — Semester: I

Course Code	Course Title	Cr.Hr.	Grade	G.pt.	Remark
Cosc 301	Software Tools and Environment	3	B	9	
Cosc 321	Operating Systems	4	A	16	
Cosc 341	Programming Paradigms	3	A	12	
Cosc 371	Database Concepts	3	A	12	
Cosc 391	System Analysis and Design	3	A	12	
Math 341	Discrete Mathematics & Basic Graph Theory	3	A	12	
Semester:	C.Hr.: 19 G.Pt.: 73 GPA: 3.84			Cumulative GPA: 3.89	

Academic Year: 2019/2020 — Year: 3 — Semester: II

Course Code	Course Title	Cr.Hr.	Grade	G.pt.	Remark
Cosc 302	Finite Automata and Formal Language	3	A	12	
Cosc312	Algorithm & Data Analysis	4	A	16	
Cosc 332	Communication Network	3	A	12	
Cosc 342	Web Programming	3	B	9	
Eeen 312	Digital Logic Design	3	A	12	
Math 382	Introduction to Numerical Methods	3	A	12	
Semester:	C.Hr.: 19 G.Pt.: 73 GPA: 3.84			Cumulative GPA: 3.88	

Student: **ABIEL ABRHAM YACOB** .   Student ID: **17/36**   Sex: **Male**   Date of Birth: **27/04/1999**

	Academic Year: 2020/2021 Year: 4 Semester: I			
Course Code	Course Title	Cr.Hr.	Grade	G.pt. Remark
Cosc 431	Wirelesses and Mobile Computing	3	A	12
Cosc 441	Introduction to windows Programming	3	A	12
Cosc 451	Computer Graphics	3	A	12
Cosc 462	Artificial Intelligence	3	A	12
Cosc 491	Software Quality Management and Testing	3	A	12

Semester: C.Hr.: 15   G.Pt.: 60   GPA: 4.00   **Cumulative GPA: 3.90**

	Academic Year: 2020/2021 Year: 4 Semester: II			
Course Code	Course Title	Cr.Hr.	Grade	G.pt. Remark
Cosc 411	Operation Research	4	A	16
Cosc 422	Distributed Computing	3	A	12
Cosc 432	Network Security & Management	3	A	12
Cosc 492	Project Work	4	A	16

Semester: C.Hr.: 14   G.Pt.: 56   GPA: 4.00   **Cumulative GPA: 3.91**

Total Semesters Award: Cr.Hrs: **140**   G.Pt.: **547**   CGPA: **3.91**

N.B. Medium of instruction is English Language.

Grading system:

A = Excellent, B = Good, C = Satisfactory, D = Unsatisfactory, F = Failing, I = Incomplete
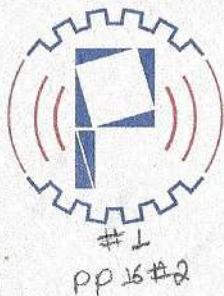
Grade Points:

A = 4, B = 3, C = 2, D = 1, F = 0
One credit hour is one lecture or recitation of two or three hours of laboratory work per week duration of the course

□ **THIS TRANSCRIPT IS OFFICIAL ONLY WHEN SIGNED AND SEALED BY THE REGISTRAR.**

□ **NOT VALID IF OFFICIAL TRANSCRIPT IS HANDLED BY APPLICANT.**

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03/12/2021
Date of Issue

POLY TECH
VOCATIONAL TRAINING CENTER

#1
PP 16 #2

Certificate

This Certificate is awarded to Mr./Ms.

Abiel Abrham Yacob

In Recognition of his/her successful achievement in the field of:

* PROGRAMMING

* Java level One

Isaias Okbai
Managing Director

A three Month intensive Course, from 15/01/19 *to* 15/04/19

Betal Hailegabur Beyh
MOE, Zoba Maekel Branch
Asmara Eritrea

POLY TECH

VOCATIONAL TRAINING CENTER AND IT SOLUTIONS

GRADE REPORT

The grade report is officially awarded to

Mr . Abel Abraham Yacob

Course code	Courses	Credit hrs	Grade	Mark
PR-401	Introduction to Programming Java	4	A	16
PR- 402	Object Oriented Programming	4	A	16
PR-403	Algorithm Preparation	4	A	16
PR-404	Project Work	4	A	16
	Total	16		64
	CGPA		4.0	

This grade report, duly signed and sealed is officially given to its bearer as successful trainee who has attended **Programming** class for three months at Poly Tech Vocational Training Center Asmara.

From January 15th to April 15 th, 2019

Date of Issue: April 2019

Asmara, Eritrea

Academic Affairs

Instructor's Sign

POLYTECH: A STEP FORWARD!!

IELTS™

Test Report Form

	ACADEMIC

NOTE *Admission to undergraduate and post graduate courses should be based on the ACADEMIC Reading and Writing Modules.*
*GENERAL TRAINING Reading and Writing Modules are **not** designed to test the full range of language skills required for academic purposes.*
*It is recommended that the candidate's language ability as indicated in this Test Report Form be re-assessed **after two years** from the date of the test.*

Centre Number	ET001	Date	16/FEB/2023	Candidate Number	003538

Candidate Details

Family Name	YACOB
First Name	ABIEL ABRHAM
Candidate ID	K0597355

Date of Birth	27/04/1999	Sex (M/F)	M	Scheme Code	Private Candidate

Country or Region of Origin	
Country of Nationality	ERITREA
First Language	TIGRINYA

Test Results

Listening	8.0	Reading	8.5	Writing	6.5	Speaking	7.0	Overall Band Score	7.5	CEFR Level	C1

Administrator Comments

Centre stamp

BRITISH COUNCIL

Validation stamp

IELTS

Administrator's Signature

Date	27/02/2023	Test Report Form Number	22ET003538YACA001A

BRITISH COUNCIL idp Cambridge Assessment English