



**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.





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	

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.



03/12/2021
Date of Issue