



ቅድስት ማርያም ዩኒቨርሲቲ
ST. MARY'S UNIVERSITY

የቅድስት ማርያም ዩኒቨርሲቲ ሲኒት ከትምህርት ሚኒስቴር በተሰጠው
ሥልጣን መሠረት ይህንን

የሳይንስ ባችለር ዲግሪ

በ _____ ኮምፒውተር ሳይንስ

ከሙሉ ከብሪቲሽ ግዴታዎች ጋር

በ _____ እዝራ መኩሪያ ተሰማ

ሰጥቷል።

በዚህ ምስክር ደህን ዘንድ በዲፕሎማው ላይ የዩኒቨርሲቲውን ማሳተም
አትሞ ፈርሞበታል።

አዲስ አበባ፣ _____ ሐምሌ አስራ አራት _____ ቀን

ሁለት ሺህ አስራ አራት _____ ዓ.ም. ተሰጠ።


ዋና ፈጽላት ፈር
Chief Registrar



The Senate of St. Mary's University by virtue of the powers vested in it by
the Ministry of Education hereby grants to :

Ezra Mekuria Tessema

The Degree of
Bachelor of Science

In _____
Computer Science

With all Honours, privileges and obligations pertaining thereto and in witness
thereof has authorized the issuance of this diploma duly signed and sealed .

Issued in Addis Ababa on this Twenty first day of the month of
July in the year twenty hundred and Twenty second


የዩኒቨርሲቲው ፕሬዝዳንት
President, SMU



St. Mary's University
Addis Ababa



St. Mary's University
Addis Ababa

Tedla Haile
Executive Vice President



Ministry of Education and Higher Education
Addis Ababa

Ministry of Foreign Affairs
Addis Ababa

Kun Bahyiny Bichok
Document Authentication Officer

28-03-2024

Training Level: Degree
 Faculty: Informatics
 Department: Computer Science

ST. MARY'S UNIVERSITY
OFFICE OF THE REGISTRAR
 P.O.BOX 1211, ADDIS ABABA, ETHIOPIA
STUDENT'S ACADEMIC RECORD

Admission Classification: Regular
 Status: Graduate
 Degree Award Date: July 21, 2022
 Medium of Instruction: English

Student's Full Name: Ezra Mekuria Tessema

Student ID: RCD/2030/2011

Sex: M

Date of Birth: 13/07/2000 (06/11/1992 E.C.)

| Academic Year 2018/2019 (2011 E.C.) Semester I | | | | | Academic Year 2019 (2011 E.C.) Semester II | | | | |
|--|--|---------------------|-------|--------|--|--|---------------------|-------|--------|
| Course No. | Course Title | Cr.Hrs | Grade | Gr.Pts | Course No. | Course Title | Cr.Hrs | Grade | Gr.Pts |
| Civi 101 | Civic and Ethical Education | 3 | A | 12 | CoSe - 212 | Programming Fundamentals I | 3 | A+ | 12 |
| CoSe 201 | Introduction to Computer Science | 3 | A | 12 | CoSe 381 | Data Communication and Computer Networks | 3 | B- | 8.01 |
| EnL 201 | Communicative English Skills | 3 | B- | 8.01 | CoSe 243 | Digital Electronics and Logic Design | 3 | A | 12 |
| Logi 201 | Introduction to Logic | 3 | B+ | 9.99 | EnLa-202 | Basic Writing Skills | 3 | C | 6 |
| Math 201 | Mathematical Foundations of Computer Science I | 4 | A | 16 | Math 232 | Applied Mathematics II | 4 | B- | 10.68 |
| | | 16 | | 58 | | | 16 | | 48.69 |
| | | Semester GPA 3.62 | | | | | Semester GPA 3.04 | | |
| | | Cumulative GPA 3.62 | | | | | Cumulative GPA 3.33 | | |
| | | Dean's List | | | | | | | |

| Academic Year 2019 (2011 E.C.) Semester III | | | | | Academic Year 2019/2020 (2012 E.C.) Semester I | | | | |
|---|---|---------------------|-------|--------|--|--|---------------------|-------|--------|
| Course No. | Course Title | Cr.Hrs | Grade | Gr.Pts | Course No. | Course Title | Cr.Hrs | Grade | Gr.Pts |
| CoSe 301 | Advanced Technical Writing | 3 | B- | 8.01 | CoSe - 371 | Fundamentals of Software Engineering | 3 | B+ | 9.99 |
| Math 275 | Introduction to Statistics and Probability Theory | 3 | C+ | 6.99 | CoSe 311 | Programming Fundamentals II | 3 | B+ | 9.99 |
| | | 6 | | 15 | CoSe 481 | Network and System Administration | 3 | B | 9 |
| | | Semester GPA 2.50 | | | CoSe 341 | Computer Architecture and Organization | 3 | C+ | 6.99 |
| | | Cumulative GPA 3.20 | | | INTE 351 | Fundamentals of Database Systems | 4 | C+ | 9.32 |
| | | | | | Math 393 | Discrete Mathematics and Combinatorics | 3 | C+ | 6.99 |
| | | | | | | | 19 | | 52.28 |
| | | | | | | | Semester GPA 2.75 | | |
| | | | | | | | Cumulative GPA 3.05 | | |

| Academic Year 2020 (2012 E.C.) Semester II | | | | | Academic Year 2020/2021 (2013 E.C.) Semester I | | | | |
|--|--|---------------------|-------|--------|--|---|---------------------|-------|--------|
| Course No. | Course Title | Cr.Hrs | Grade | Gr.Pts | Course No. | Course Title | Cr.Hrs | Grade | Gr.Pts |
| CoSe 301 | Data Structure and Algorithm Analysis | 4 | C | 8 | CoSe - 451 | Operating Systems Principles and Design | 4 | B+ | 13.32 |
| CoSe 302 | Object-Oriented Software Engineering | 3 | B | 9 | CoSe - 461 | Advanced Object-Oriented Programming | 4 | A | 16 |
| CoSe 362 | Object-Oriented Programming | 3 | A+ | 16 | CoSe 303 | Theory of Algorithm | 3 | A | 12 |
| CoSe 341 | Machine Organization and Assembly Language | 3 | B+ | 10.66 | INSY 332 | Internet Programming I | 3 | A+ | 12 |
| Math 351 | Optimization Theory | 3 | A | 12 | INTE 451 | Advanced Database Systems | 4 | A+ | 16 |
| | | 16 | | 51.66 | Math-330 | Numerical Analysis | 3 | B+ | 9.99 |
| | | Semester GPA 3.23 | | | | | 21 | | 79.31 |
| | | Cumulative GPA 3.09 | | | | | Semester GPA 3.78 | | |
| | | | | | | | Cumulative GPA 3.24 | | |
| | | | | | | | Dean's List | | |

FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA
MINISTRY OF FOREIGN AFFAIRS
Document Authentication Service

Signature of Student
 Date: _____

Signature of Registrar
 Date: _____

Signature of General Education and Inspections Office Executive Officer
 Date: _____

Tedla Haile
Executive Vice President

Registrar

Solomon Bekale
Chief Registrar

Training Level: Degree
 Faculty: Informatics
 Department: Computer Science

ST. MARY'S UNIVERSITY
 OFFICE OF THE REGISTRAR
 P.O.BOX 1211, ADDIS ABABA, ETHIOPIA
 STUDENT'S ACADEMIC RECORD

Admission Classification: Regular
 Status: Graduate
 Degree Award Date: July 21, 2022
 Medium of Instruction: English

Student's Full Name: Ezra Mekuria Tessema

Student ID: RCD/2030/2011

Sex: M

Date of Birth: 13/07/2000 (06/11/1992 E.C.)

| Academic Year 2021 (2013 E.C.) Semester II | | | | | Academic Year 2021/2022 (2014 E.C.) Semester I | | | | |
|--|---|--------|-------|---------|--|--|--------|-------|---------|
| Course No. | Course Title | Cr.Hrs | Grade | Gr.Pts. | Course No. | Course Title | Cr.Hrs | Grade | Gr.Pts. |
| CoSe - 412 | Introduction to Artificial Intelligence | 4 | A | 16 | CoSe 3054 | Rapid Application Development | 4 | A | 16 |
| CoSe - 452 | Formal Language Theory | 3 | B+ | 9.99 | CoSe 551 | Compiler Design | 4 | A | 16 |
| CoSe 562 | Internship | 3 | B | 9 | CoSe-461 | Computer Graphics | 3 | A | 12 |
| CoSe-401 | Software Project Management | 3 | B | 9 | CoSe-591 | Senior Project I | 2 | A | 8 |
| INSY 431 | Internet Programming II | 3 | A+ | 12 | Mgmt 421 | Entrepreneurship and Small Business Management | 3 | B- | 8.01 |
| INTE 440 | UNIX System Administration and Support | 3 | C+ | 6.99 | | | 16 | | 60.01 |
| 19 62.98 | | | | | | | | | |
| Semester GPA 3.31 | | | | | Semester GPA 3.75 | | | | |
| Cumulative GPA 3.26 | | | | | Cumulative GPA 3.32 | | | | |
| | | | | | Dean's List | | | | |

| Academic Year 2022 (2014 E.C.) Semester II | | | | |
|--|---------------------------------------|----------------|-------|---------|
| Course No. | Course Title | Cr.Hrs | Grade | Gr.Pts. |
| CoSe 502 | Comprehensive Degree Exit Exam | | P | |
| CoSe 582 | Computer Systems and Network Security | 3 | B+ | 9.99 |
| CoSe-562 | Programming Workshop | 3 | A | 12 |
| CoSe-592 | Senior Project II | 3 | A | 12 |
| INTE 440 | Introduction to Multimedia Systems | 3 | B | 9 |
| | | 12 | | 42.99 |
| | | Semester GPA | 3.58 | |
| | | Cumulative GPA | 3.34 | |
| | | Major GPA | 3.46 | |
| | | Distinction | | |

Tedla Haile
 Executive Vice President



Grading System: A+, A= Excellent, A-, B+= Very Good, B, B= Good, C+, C= Fair, C-, D+, D, U= Unsatisfactory, D-, F= Fail, P= Pass, WF= Withdraw Failing, I= Incomplete, NG= No Grade, += Course Repeated as in +C, +D...
 Grade Points: A=4, A-=3.67, B+=3.33, B=3, B-=2.67, C+=2.33, C=2, C-=1.67, D+=1.33, D=1, D-=0.67, F=0, WF=0 ('+' and '-' are given value as of 2000 E.C. Sem. I and 2001 E.C. Kiremt respectively).

THIS TRANSCRIPT IS OFFICIAL WHEN SIGNED AND SEALED BY THE REGISTRAR
 Date of Issue: 1 AUG 2022



Student Copy

Solomon Bekele
 Chief Registrar