


Bsc Degree Tempo





ADAMA SCIENCE AND TECHNOLOGY UNIVERSITY

Tel: +251 22 111 0400

+251-221-100001

Fax: +251-221-100-038

Website: www.astu.edu.et

P.O.Box: 1888

Adama, Ethiopia



TO WHOM IT MAY CONCERN

This is to certify that

Malda Motuma Hirpassa

graduated from the

School of Electrical Engineering & Computing

with **BSc Degree in Computer Science and Engineering**

(Major GPA of **3.91** and CGPA of **3.86**)

(with ***Very Great Distinction***)

On June 30, 2022 G.C

This temporary certificate of graduation has been given pending the printing and issuance of actual diploma and transcript which will be given after the completion of the obligation stated in the cost sharing scheme.


Zerihun Belay Gemta (PhD)
Registrar



Grade Report

Grade report for Bsc in Computer Sceince and Engineering;
All grade report except the last semister report[due to Loan]!



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Adama Science and Technology University
Registrar and Alumni Directorate

Tel: +251 22 111 0400

P.O.Box: 1888, Adama, Ethiopia

Grade Report

Full Name: Malda Motuma Hirpassa	Gender: Male	Date of Birth: 1998-06-25	Id Number: A/UR14276/10
Program: Computer Science and Engineering	Class Year: First Year	Admission Year: 2017/2018	

2017/2018 First Semester					
Course Code	Course Title	Credit Hour	Grade	Grade Point	Repeated Grade letter
CHEM1101	General Chemistry	3	A-	11.25	
ENG1011	Communicative English Skills	3	A-	11.25	
LAR1011	Introduction to Civics and Ethics	3	B+	10.5	
Phys1011	General Physics I	3	B+	10.5	
HPed1101	Health and Physical Education I	0	P	0.0	
MATH 1101	Applied Mathematics - I	4	A-	15.0	
CSE1101	Introduction to Computing	3	A+	12.0	
Totals		19		70.5	

	Credit Hours	Grade Points	Grade Point Average
Semester Total	19	70.5	3.71
Cumulative Average	19	70.5	3.71
Academic Status		Promoted	



Grading system: A=Excellent, B=Good, C=Satisfactory, D=Unsatisfactory, F=Failing, I=Incomplete, p=pass, F=Fail, *=Repeated, DO=Dropout
points A+ = 4.0, A = 4.0, A- = 3.75, B+ = 3.5, B = 3.0, B- = 2.75, C+ = 2.5, C = 2.0, C- = 1.75,
D = 1.0, F = 0.0,

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Date of Issue: 2022-09-16 Verification Code: Astu/163793

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Grade Report

Full Name: Malda Motuma Hirpassa	Gender: Male	Date of Birth: 1998-06-25	Id Number: A/UR14276/10
Program: Computer Science and Engineering	Class Year: First Year	Admission Year: 2017/2018	

2017/2018 Second Semester					
Course Code	Course Title	Credit Hour	Grade	Grade Point	Repeated Grade letter
MATH1102	Applied Mathematics II	4	A+	16.0	
PHYS1102	General Physics II	3	B+	10.5	
CSE1102	Fundamentals of Programming	3	A+	12.0	
LAR1012	Logic and Critical Thinking	3	B+	10.5	
DME1102	Engineering Drawing	3	A	12.0	
ENG1022	Basic Writing skills	3	B	9.0	
HPED1022	Health and Physical Education II	0	P	0.0	
Totals		19		70.0	

	Credit Hours	Grade Points	Grade Point Average
Previous Semester Total	19	70.5	3.71
Previous Total	19	70.5	3.71
Semester Total	19	70.0	3.68
Cumulative Average	38	140.5	3.7
Academic Status		Promoted	



Grading system: A=Excellent, B=Good, C=Satisfactory, D=Unsatisfactory, F=Failing, I=Incomplete, p=pass, F=Fail, *=Repeated, DO=Dropout
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Grade Report

Full Name: Malda Motuma Hirpassa	Gender: Male	Date of Birth: 1998-06-25	Id Number: A/UR14276/10
Program: Computer Science and Engineering	Class Year: Second Year	Admission Year: 2017/2018	

2018/2019 First Semester					
Course Code	Course Title	Credit Hour	Grade	Grade Point	Repeated Grade letter
CSE 2112	Data Structures & algorithm	3	A+	12.0	
SOSC311	Principles of Economics	3	A	12.0	
EPC 2201	Fundamentals of Electrical Eng	4	A	16.0	
ECE2101	Electronic Circuit I	4	A	16.0	
MATH-2101	Applied Mathematics III	4	A+	16.0	
Totals		18		72.0	

	Credit Hours	Grade Points	Grade Point Average
Previous Semester Total	19	70.0	3.68
Previous Total	38	140.5	3.7
Semester Total	18	72.0	4.0
Cumulative Average	56	212.5	3.79
Academic Status		Promoted	



Grading system: A=Excellent, B=Good, C=Satisfactory, D=Unsatisfactory, F=Failing, I=Incomplete, p=pass, F=Fail, *=Repeated, DO=Dropout
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Grade Report

Full Name: Malda Motuma Hirpassa	Gender: Male	Date of Birth: 1998-06-25	Id Number: A/UR14276/10
Program: Computer Science and Engineering	Class Year: Second Year	Admission Year: 2017/2018	

2018/2019 Second Semester					
Course Code	Course Title	Credit Hour	Grade	Grade Point	Repeated Grade letter
CSE2202	Object Oriented Programming	3	A	12.0	
CSE 2206	Discrete Mathematics for CSE	3	A+	12.0	
ECE3206	Digital Logic Design	3	A	12.0	
CSE2208	Database Systems	4	A-	15.0	
CSE2320	System Programming	3	A	12.0	
Totals		16		63.0	

	Credit Hours	Grade Points	Grade Point Average
Previous Semester Total	18	72.0	4.0
Previous Total	56	212.5	3.79
Semester Total	16	63.0	3.94
Cumulative Average	72	275.5	3.83
Academic Status		Promoted	



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Grade Report

Full Name: Malda Motuma Hirpassa	Gender: Male	Date of Birth: 1998-06-25	Id Number: A/UR14276/10
Program: Computer Science and Engineering		Class Year: Third Year	Admission Year: 2017/2018

2019/2020 First Semester					
Course Code	Course Title	Credit Hour	Grade	Grade Point	Repeated Grade letter
CSE3203	Computer Architecture and Organization	3	A+	12.0	
CSE3205	Fundamentals of Software Engineering	3	A	12.0	
ECE3103	Probability and Random Processes	3	A+	12.0	
CSE3211	Algorithms	3	A	12.0	
CSE5317	Introduction to Data mining	3	A-	11.25	
Totals		15		59.25	

	Credit Hours	Grade Points	Grade Point Average
Previous Semester Total	16	63.0	3.94
Previous Total	72	275.5	3.83
Semester Total	15	59.25	3.95
Cumulative Average	87	334.75	3.85
Academic Status		Promoted	



Grading system: A=Excellent, B=Good, C=Satisfactory, D=Unsatisfactory, F=Failing, I=Incomplete, p=pass, F=Fail, *=Repeated, DO=Dropout
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Grade Report

Full Name: Malda Motuma Hirpassa	Gender: Male	Date of Birth: 1998-06-25	Id Number: A/UR14276/10
Program: Computer Science and Engineering	Class Year: Third Year	Admission Year: 2017/2018	

2019/2020 Second Semester					
Course Code	Course Title	Credit Hour	Grade	Grade Point	Repeated Grade letter
CSE3204	Operating Systems	4	A	16.0	
CSE3221	Data Communication and Computer Networks	4	A+	16.0	
CSE 3206	Introduction to Artificial Intelligence	3	A	12.0	
CSE 3308	Software Requirement Engineering	3	A+	12.0	
CSE 3306	Web Programming	3	A+	12.0	
Totals		17		68.0	

	Credit Hours	Grade Points	Grade Point Average
Previous Semester Total	15	59.25	3.95
Previous Total	87	334.75	3.85
Semester Total	17	68.0	4.0
Cumulative Average	104	402.75	3.87
Academic Status		Promoted	



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Grade Report

Full Name: Malda Motuma Hirpassa	Gender: Male	Date of Birth: 1998-06-25	Id Number: A/UR14276/10
Program: Computer Science and Engineering	Class Year: Fourth Year	Admission Year: 2017/2018	

2020/2021 First Semester					
Course Code	Course Title	Credit Hour	Grade	Grade Point	Repeated Grade letter
CSE 4201	Formal Language and automata Theory	3	A	12.0	
CSE4221	Engineering Research and Development Methodology	2	B	6.0	
CSE4307	Computer Systems Security	3	A	12.0	
CSE4311	Mobile Computing and Applications	3	A-	11.25	
CSE5321	Introduction to NLP	3	A	12.0	
CSE4309	Software Design and Architecture	3	B+	10.5	
Totals		17		63.75	

	Credit Hours	Grade Points	Grade Point Average
Previous Semester Total	17	68.0	4.0
Previous Total	104	402.75	3.87
Semester Total	17	63.75	3.75
Cumulative Average	121	466.5	3.86
Academic Status		Promoted	



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P.O.Box: 1888, Adama, Ethiopia

Grade Report

Full Name: Malda Motuma Hirpassa	Gender: Male	Date of Birth: 1998-06-25	Id Number: A/UR14276/10
Program: Computer Science and Engineering	Class Year: Fourth Year	Admission Year: 2017/2018	

2020/2021 Second Semester					
Course Code	Course Title	Credit Hour	Grade	Grade Point	Repeated Grade letter
CSE4302	Project Management	3	B	9.0	
CSE 4202	Programming Languages	3	A	12.0	
CSE5306	Special Topics in Computer Science and Engineering	3	A	12.0	
CSE4310	Compiler Design	3	A	12.0	
ECE5307	VLSI Design	3	A	12.0	
SOS372	Leadership and Change Management	2	A	8.0	
ECE2204	Signals and System analysis	3	A	12.0	
Totals		20		77.0	

	Credit Hours	Grade Points	Grade Point Average
Previous Semester Total	17	63.75	3.75
Previous Total	121	466.5	3.86
Semester Total	20	77.0	3.85
Cumulative Average	141	543.5	3.85
Academic Status		Promoted	



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Grade Report

Full Name: Malda Motuma Hirpassa	Gender: Male	Date of Birth: 1998-06-25	Id Number: A/UR14276/10
Program: Computer Science and Engineering	Class Year: Fifth Year	Admission Year: 2017/2018	

2021/2022 First Semester					
Course Code	Course Title	Credit Hour	Grade	Grade Point	Repeated Grade letter
CSE5201	Semester Project	2	A+	8.0	
CSE5205	Seminar	1	A+	4.0	
CSE 5319A	Advanced Computer Networks	3	A	12.0	
CSE5307	Distributed Systems	3	A	12.0	
CSE5313	Human-Computer Interaction	3	A-	11.25	
CSE5309	Wireless Mobile Networks	3	A	12.0	
ECE5315	Embedded and real time systems	3	B+	10.5	
Totals		18		69.75	

	Credit Hours	Grade Points	Grade Point Average
Previous Semester Total	20	77.0	3.85
Previous Total	141	543.5	3.85
Semester Total	18	69.75	3.88
Cumulative Average	159	613.25	3.86
Academic Status		Promoted	



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Certificates





ADAMA SCIENCE AND TECHNOLOGY UNIVERSITY

CERTIFICATE OF
RECOGNITION

This certificate proudly presented to

*Dagm Alemayehu Hailu, Dagmarari Abete Kebede, Danait Dereje Regassa,
Mekda Motuma Hirsabaa, Mengelawit Alemu Chaefta*

In recognition for their achievement in the project entitled Over Speed Detection and Customer Service Platform was being the 3rd place best project winner from the department of Computer Science and Engineering as well as 4th best project winner from School of Electrical Engineering and Computing and for participating on Selected Projects Exhibition which was held on graduation commencement on July 02, 2022.

Awarded on July 5, 2022.

Biruk Yirga Nidaw (PhD)
Head, Department of Computer
Science & Engineering





Adama Science and Technology University

School of Electrical Engineering and Computing

CERTIFICATE OF RECOGNITION

FULL NAME

Dagmawi Abebe Kebede
Dagm Alemayehu Haile
Dawit Dereje Regassa
Malda Motuma Hirpassa
Wengelawit Alemu Assefa

DEPARTMENT

Computer Science and Engineering
Computer Science and Engineering
Computer Science and Engineering
Computer Science and Engineering
Computer Science and Engineering

This is to certify that your final year project entitled “Over Speed Detection and Customer Service Platform” was selected as the 4th best project of the year 2022 in the School of Electrical Engineering and Computing from a total of 105 projects.

Bayisa Taye Muluatu
School of Electrical Engineering
and Computing Associate Dean
for Students' Affairs

ADSA, SoEEC



Dereje Tekilu Aseffa (PhD)
Dean, School of Electrical
Engineering & Computing

Dean, SoEEC

July, 2022


Adama, Ethiopia

**ADAMA SCIENCE & TECHNOLOGY UNIVERSITY****አዳማ ሳይንስና ቴክኖሎጂ ዩኒቨርሲቲ**Date: 15 - 04 - 2022Ref.No: SoEEC/02/45/0745/22To: **Student Malda Motuma****ASTU****School of Electrical Engineering and
Computing****Associate Dean for student Affairs****Bayisa Taye****Subject: Sending Invitation to Share Experience**

The school of Electrical Engineering and Computing is striving to produce qualified professionals and is aiming to help achieve ASTU missions and visions, and sustain the core values. Hence, as part of the annual intake the school has accepted over 495 second year students. On **Monday April 18, 2022**, the school will host a department promotion program for the three departments: Computer Science and Engineering, Electronics and Communication Engineering, Electrical Power and Control Engineering, and Software Engineering. The students will be guided to choose a department/program of their interest.

Accordingly, the school cordially invites you to share your experience for the students at the department promotion program to be held on the specified date at **2:00 P.M in Cafe#1**. Thank you for your time in advance.

With Regards,

 Bayisa Taye Mulatu
School of Electrical Engineering
and Computing Associate Dean
for Students' Affairs

**CC//**

- SoEEC, Dean
- SoEEC, ADSA
- CSE Dept

ASTU



Recommendation Letter





ADAMA SCIENCE AND TECHNOLOGY UNIVERSITY
SCHOOL OF ELECTRICAL ENGINEERING AND COMPUTING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Letter of Recommendation

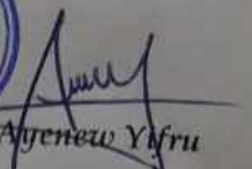
Mr. Malda Motuma was one of my students during his study for BSc degree at the Adama Science and Technology University, I taught him one computer science and engineering course (Advanced Computer Networks) where he demonstrated his talent, passion and ability through project work, presentations, lab exercises and class discussions. I have also supervised his group BSc project where he and his group members did an excellent project work entitled "Traffic Illegality Control Platform". During the project and course works, he has also demonstrated his cooperative, team spirit, and sociable personality that makes him friendly and easy to work with.

I found Malda to be hardworking, passionate, creative, intelligent and self-confident student who cope-up with the dynamic nature of the fields of computer science and engineering. He is a person with adequate intelligence and creative behavior who is fit to projects, researches and problem-solving activities.

Finally, I am confident that, if given a chance, Mr. Malda can be a successful software developer and/or researcher and therefore recommend him for such a position. I wish him all success in his future endeavor, if you want additional information please contact me.

Thank you in advance




Ayenew Yifru

Lecturer, Department of Computer Science and Engineering

Email: ayuyazi@gmail.com

Phone no: +251-911-380610

**ADAMA SCIENCE & TECHNOLOGY UNIVERSITY****አዳማ ሳይንስና ቴክኖሎጂ ዩኒቨርሲቲ****TO WHOM IT MAY CONCERN;****Date 22/06/2022****Ref. SoEEC/01/45/0923/22****Dean, School of Electrical Engineering and
Computing****Dereje Tekilu Aseffa (PhD)****RECOMMENDATION LETTER**

It is honor and my pleasure to provide this recommendation to **Mr. Malda Motuma (ID. No A/UR14276/10)**, who is keen to join your organization. He is one of student that has been studying his bachelor of science in our school. He is one of the distinguished students in our school. I would rank him among best performer students with skills of communication, analyzing problem, designing solutions for engineering problems in his area of study, **Computer Science and Engineering**.

I have known him for the last five years as a student. He is an organized person who is able to carry out any task allocated to him and he is dedicated to his work. I have closely seen him for about five years that he is highly motivated to exceed his current knowledge. I appreciate his excellence of work hard, integrity, loyalty, punctuality and his motive to achieve something better. In addition to his regular duty, he has been actively participating in different intra curricula and extra curricula activities in the School. He has been sociable, cooperative and problem solver student.

I highly recommend him for your organization and hope that you will carefully consider his application. Please feel free to contact me if you need any further information.

Yours Sincerely,**Dereje Tekilu Aseffa (PhD)
Dean, School of Electrical
Engineering & Computing***Dean and Associate Professor**Adama Science and Technology University**School of Electrical Engineering and Computing**Email: dereje.tekilu@astu.edu.et**Phone: +251985237103*



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P.O. Box 1888

Phone: +251221100024

Email: fanayechala2014@gmail.com

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Adama – Ethiopia

Date: 05/7/2022

Division of freshman program Coordinator (FanayeChala)

To whom it may Concern

I am pleased to write a letter of recommendation for Malda Motuma honors undergraduate student in computer science and engineering in my school. He was my student at Adama Science and Technology University Ethiopia during my observation time .He was active as a learner, an impressive strength that, he is just the kind of driven, engaging and curious student that helped him to be successful.

Malda Motuma is an honest student who possesses excellent academic skills along with positive behavior towards his peers and teachers. He possesses all the good qualities that make a successful person, dedication towards work, punctuality and most importantly honesty.

There for I can recommend him for any kinds of scientific or development position in the area of computer science and engineering. He will certainly provide valuable contribution to any organization that he may join.

Please don't hesitate to contact me at fanayechala2014@gmail.com if you have any questions.

Sincerely,

Fanaye Chala

Division of freshman program coordinator and lecturer at ASTU
Adama Science and Technology University

