

North South University

UPON RECOMMENDATION OF THE

School of Engineering and Applied Sciences

AND BY THE AUTHORITY VESTED IN THE BOARD OF TRUSTEES OF THE NORTH SOUTH UNIVERSITY

AND THE BOARD OF GOVERNORS OF THE NORTH SOUTH UNIVERSITY FOUNDATION UNDER THE PRIVATE UNIVERSITY ACT 2010

HAS CONFERRED THE DEGREE OF

Bachelor of Science in Electronic and Telecommunication Engineering

UPON

Rubab Amin

WITH THE DISTINCTION OF

Summa Cum Laude

WITH ALL RIGHTS, PRIVILEGES AND OBLIGATIONS PERTAINING THERETO.

AWARDED AT NORTH SOUTH UNIVERSITY IN DHAKA, BANGLADESH

ON THE THIRD DAY OF JANUARY IN THE YEAR TWO THOUSAND AND TWELVE.

Mr. Shajahan
CHAIRMAN

BOARD OF TRUSTEES
NORTH SOUTH UNIVERSITY

Hafiz G. A. Siddiqi
VICE CHANCELLOR



[Signature]
REGISTRAR



NORTH SOUTH UNIVERSITY

THE FIRST PRIVATE UNIVERSITY IN BANGLADESH
ESTABLISHED BY THE NORTH SOUTH UNIVERSITY FOUNDATION

Plot # 15, Block # B, Admin Building, Level-3, Bashundhara, Dhaka-1229, Bangladesh.
Phone: 880 (2) 8852000, Fax: 880 (2) 8852016, email: registrar@northsouth.edu
Website: www.northsouth.edu

Registrar's Office

To	Student	Course	Course Title	Cr.	Gr.	CC	CP
Summer 2007		ETE131	Introduction to Telecommunication & Computer Engineering	3.0	A	3.0	3.0
		MAT116	Pre-Calculus	3.0	A	0.0	3.0
		Semester Credit : 3.00 TGPA : 4.00 CGPA : 4.00					
Fall 2007		ACT201	Introduction to Financial Accounting	3.0	B	0.0	0.0
		ENG103	Intermediate Composition	3.0	A	3.0	3.0
		MAT120	Calculus and Analytic Geometry-I	3.0	A	3.0	3.0
		MAT125	Introduction to Linear Algebra	3.0	B+	3.0	3.0
		Semester Credit : 9.00 TGPA : 3.77 CGPA : 3.83					
Spring 2008		ENV107	Introduction to Environmental Science	3.0	A	3.0	3.0
		ETE241	Electrical Circuits	3.0	A	3.0	3.0
		MAT130	Calculus and Analytic Geometry-II	3.0	A-	3.0	3.0
		Semester Credit : 9.00 TGPA : 3.90 CGPA : 3.86					
Summer 2008		ETE211	Analog Electronics	3.0	A	3.0	3.0
		ETE283	Electrical and Electronics Circuit Design Laboratory I	2.0	A	2.0	2.0
		MAT240	Calculus and Analytic Geometry III	3.0	A	3.0	3.0
		PHY107	General Physics-I	3.0	B+	3.0	3.0
		Semester Credit : 11.00 TGPA : 3.81 CGPA : 3.84					
Fall 2008		ETE212	Introduction to Digital Electronics	3.0	W	0.0	0.0
		ETE311	Communication Electronics	3.0	A-	3.0	3.0
		MAT250	Calculus and Analytic Geometry IV	3.0	A	3.0	3.0
		PHY108	General Physics-II	3.0	B+	3.0	3.0
		Semester Credit : 9.00 TGPA : 3.67 CGPA : 3.80					
Spring 2009		ENG105	Advanced Composition	3.0	A-	3.0	3.0
		ETE217	Introduction to Digital Electronics	3.0	A-	3.0	3.0
		ETE332	Microprocessors and Assembly Language Programming	3.0	B	3.0	3.0
		ETE344	Electrical Circuits II	3.0	A	3.0	3.0
		MAT350	Engineering Mathematics	3.0	B-	0.0	0.0
		Semester Credit : 12.00 TGPA : 3.60 CGPA : 3.76					
Summer 2009		ETE132	Fundamental of Programming Language	3.0	A-	3.0	3.0
		ETE221	Signals and Systems	3.0	A	3.0	3.0
		ETE383	Electrical and Electronics Design Laboratory II	2.0	A-	2.0	2.0
		FTE411	Semiconductor Devices and Technology	3.0	B+	3.0	3.0
		Semester Credit : 11.00 TGPA : 3.67 CGPA : 3.74					
Fall 2009		EEE331	Data Communications and Computer Networks	3.0	A	3.0	3.0
		ETE361	Theory of Electromagnetic Fields	3.0	A-	3.0	3.0
		ETE412	Introduction to VLSI	3.0	B+	3.0	3.0
		MAT361	Probability and Statistics	3.0	A	3.0	3.0
		SOC101	Introduction to Sociology	3.0	B+	3.0	3.0
		Semester Credit : 15.00 TGPA : 3.66 CGPA : 3.73					

Course	Course Title	Cr.	Gr.	CC	CP
ETE321	Introduction to Communications Systems	3.0	A	3.0	3.0
ETE426	Fiber Optic Communication System	3.0	A	3.0	3.0
ETE471	Digital Signal Processing	3.0	B+	3.0	3.0
ETE481	Advanced Electronics and Communications Lab I	2.0	A	2.0	2.0
Semester Credit : 11.00		TGPA : 3.81		CGPA : 3.74	
ETE418	Control Engineering	3.0	A	3.0	3.0
ETE422	Principles of Digital Communication	3.0	A	3.0	3.0
ETE423	Principles of Telecommunication Networks	3.0	B-	0.0	0.0
ETE461	Microwave Engineering	3.0	A	3.0	3.0
Semester Credit : 9.00		TGPA : 4.00		CGPA : 3.76	
ETE312	Power Electronics	3.0	A	3.0	3.0
ETE424	Mobile and Wireless Communication System	3.0	B+	3.0	3.0
ETE428	RF Engineering	3.0	A	3.0	3.0
ETE482	Advanced Electronics and Communications Lab II	2.0	A	2.0	2.0
Semester Credit : 11.00		TGPA : 3.81		CGPA : 3.77	
ETE499	Projects/Research/Internships	3.0	A	3.0	3.0
PBH101	Introduction to Public Health	3.0	A	3.0	3.0
PHI101	Introduction to Philosophy	3.0	A	3.0	3.0
Semester Credit : 9.00		TGPA : 4.00		CGPA : 3.78	
CHN101	Introduction to Chinese Language & Culture	3.0	A	3.0	3.0
ETE423	Principles of Telecommunication Networks	3.0	A	3.0	3.0
MAT350	Engineering Mathematics	3.0	A	3.0	3.0
Semester Credit : 9.00		TGPA : 4.00		CGPA : 3.80	

Summary	Total Credits Counted	Total Credits Passed	Total Grade Points	Cumulative Grade Point Average
	128.0	131.0	486.2	3.80

***** End of Transcript *****

[Signature]
Registrar In-Charge

[Signature]
Chair, Dept. of Electrical Engineering & Computer Science

Transcript Details

Accreditation: North South University has been accredited by the Government of the People's Republic of Bangladesh, and its curricula as well as programs have been approved by the University Grants Commission of Bangladesh. The President of the People's Republic of Bangladesh is the Chancellor of North South University. The Vice Chancellor is an appointee of the President of the Country in his capacity as the Chancellor of the University.

Medium of Instruction: English is the officially approved medium of instruction in North South University.

Academic Calendar: Trisemester system.
Spring: January – April, 13 weeks
Summer: May – August, 13 weeks
Fall – September – December, 13 weeks

Grading System: 0.00 to 4.00 point scale
Letter grades indicating the quality of course work completed are interpreted as follows:

Numerical Scores	Letter Grade	Grade Points per Credit
93 and above	A Excellent	4.0
90 – 92	A-	3.7
87 – 89	B+	3.3
83 – 86	B Good	3.0
80 – 82	B-	2.7
77 – 79	C+	2.3
73 – 76	C Average	2.0
70 – 72	C-	1.7
67 – 69	D+	1.3
60 – 66	D Poor	1.0
Below 60	F Failure	0.0

Credits for courses with the following grades do not apply toward CGPA calculation:

Grades	Meaning	Grade Value
I	Incomplete	0.0
W	Withdrawal	0.0
WV	Waiver	0.0
X	Research/ Thesis in Process	0.0

- ◆ The transcript shows the grade for each course and a cumulative result for all courses for which the student was enrolled in North South University.
- ◆ Courses that have been waived do not display a grade; they are presented by course and the number of credits.
- ◆ Credits accepted as transfer from other universities are counted towards degree, except for Cumulative Grade Point Average (CGPA) calculation.

- ◆ Cumulative Grade Point Average (CGPA) is calculated by Total Grade Points divided by Total Credits Counted.
- ◆ In case of retaken courses only the better grades have been counted in the CGPA calculation but the grade point of the course previously done shows in the transcripts as 0.0.

Award	CGPA
Gold Medal*	
Summa Cum Laude**	3.80 – 4.00
Magna Cum Laude**	3.65 – 3.79
Cum Laude**	3.50 – 3.64

*The Chancellor's Gold Medal is for the recipients of the highest CGPA for Undergraduate and Graduate programs. This criterion is valid for the year 2003 and onward.

**The Vice Chancellor's Gold Medal is for the recipients of the 2nd highest CGPA for Undergraduate and Graduate programs. This criterion is valid for the year 2003 and onward.

**This criteria is valid for the year 2001 and onward.

Authenticity:

- ◆ Official Transcripts are printed on security papers, with an embossed seal of North South University with the signatures of the Registrar and Chairman of the Department/Director of the Program.
- ◆ The face of this document has the name of the University in small green type print vertically in the left of the document.
- ◆ A black and white document is not an original and should not be accepted as an Official Institutional Document.
- ◆ This transcript cannot be released to a third party without the written consent of the student.

If and when in doubt as to the authenticity of this transcript, please do not hesitate to contact the Registrar's Office, North South University, Bashundhara, Dhaka 1229, Bangladesh.
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