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ACADEMIC TRANSCRIPT

FAMILY NAME BOLU
GIVEN NAME MURAT
STUDENT ID 2521300
FACULTY Engineering
**DEPARTMENT/
PROGRAM** Computer Engineering

DATE OF ENTRY August 29, 2020
DEGREES AWARDED B.S.
DATE OF GRADUATION January 27, 2025

COURSE CODE	COURSE NAME	CREDITS	GRADE	POINTS	ECTS CREDITS
2020-2021 Fall					
MATH119	CALCULUS WITH ANALYTIC GEOMETRY	5,00	BA	17,50	7,00
CENG111	INTRODUCTION TO COMPUTER ENG. CONCEPTS	4,00	BA	14,00	4,00
ENG101	ENGLISH FOR ACADEMIC PURPOSES I	4,00	AA	16,00	6,00
PHYS105	GENERAL PHYSICS I	4,00	AA	16,00	6,00
BIOL109	INTRODUCTION TO MOLECULAR BIOLOGY	3,00	AA	12,00	5,00
CENG100	COMPUTER ENGINEERING ORIENTATION	0,00	S	0,00	1,00
IS100	INTRODUCTION TO INFORMATION TECHNOLOGIES AND APPLICATIONS	0,00	EX	0,00	1,00
OHS101	OCCUPATIONAL HEALTH AND SAFETY-I	0,00	S	0,00	2,00
CumGPA: 3,78	GPA: 3,72 STAN: HIGH HONOR	16,00		59,50	
2020-2021 Spring					
MATH120	CALCULUS OF FUNCTIONS OF SEVERAL VARIABLES	5,00 *	DC *	7,50 *	7,50
CENG140	C PROGRAMMING	4,00	BA	14,00	4,00
ENG102	ENGLISH FOR ACADEMIC PURPOSES II	4,00	AA	16,00	6,00
PHYS106	GENERAL PHYSICS II	4,00	BA	14,00	6,00
MATH260	BASIC LINEAR ALGEBRA	3,00 *	FD *	1,50 *	5,00
BA100	CAREER PLANNING	0,00	S	0,00	2,00
OHS301	OCCUPATIONAL HEALTH AND SAFETY - II	0,00	S	0,00	2,00
CumGPA: 3,21	GPA: 2,65 STAN: SUFFICIENT	20,00		53,00	
2021-2022 Fall					
CENG213	DATA STRUCTURES	4,00 *	CB *	10,00 *	6,00
EE281	ELECTRICAL CIRCUITS	4,00	CB	10,00	6,00
MATH219	INTRODUCTION TO DIFFERENTIAL EQUATIONS	4,00 *	FF *	0,00 *	7,00
CENG223	DISCRETE COMPUTATIONAL STRUCTURES	3,00 *	CC *	6,00 *	6,00
ENG211	ACADEMIC ORAL PRESENTATION SKILLS	3,00	AA	12,00	4,00
MATH260	BASIC LINEAR ALGEBRA	3,00 *	FD *	1,50 *	5,00
HIST2201	PRINCIPLES OF KEMAL ATATÜRK I	0,00 *	U *	0,00 *	2,00
CumGPA: 2,87	GPA: 1,88 STAN: UNSATISFACTORY	21,00		39,50	
2021-2022 Spring					
MATH120	CALCULUS OF FUNCTIONS OF SEVERAL VARIABLES	5,00	AA	20,00	7,50
CENG232	LOGIC DESIGN	4,00	CB	10,00	7,00
CENG242	PROGRAMMING LANGUAGE CONCEPTS	4,00	BB	12,00	7,00
CENG222	STATISTICAL METHODS FOR COMPUTER ENGINEERING	3,00 *	DC *	4,50 *	5,00
CENG280	FORMAL LANGU. AND ABSTRACT MACHINES	3,00	AA	12,00	6,00
MATH260	BASIC LINEAR ALGEBRA	3,00	AA	12,00	5,00
CumGPA: 3,17	GPA: 3,20 STAN: HONOR	22,00		70,50	



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STUDENT ID 2521300
FACULTY Engineering
DEPARTMENT/PROGRAM Computer Engineering

DATE OF ENTRY August 29, 2020
DEGREES AWARDED B.S.
DATE OF GRADUATION January 27, 2025

COURSE CODE	COURSE NAME	CREDITS	GRADE	POINTS	ECTS CREDITS
2022-2023 Fall					
MATH219	INTRODUCTION TO DIFFERENTIAL EQUATIONS	4,00 *	DC *	6,00 *	7,00
CENG223	DISCRETE COMPUTATIONAL STRUCTURES	3,00	AA	12,00	6,00
CENG315	ALGORITHMS	3,00	AA	12,00	6,00
CENG331	COMPUTER ORGANIZATION	3,00	AA	12,00	6,00
CENG444	LANGUAGE PROCESSORS	3,00 *	BB *	9,00 *	6,00
SOC100	PRINCIPLES OF SOCIOLOGY	3,00	AA	12,00	6,00
CENG300	SUMMER PRACTICE I	0,00	S	0,00	5,00
HIST2201	PRINCIPLES OF KEMAL ATATÜRK I	0,00	S	0,00	2,00
TURK303	TURKISH I	0,00	S	0,00	2,00
CumGPA:	3,39	GPA:	3,32	STAN:	HONOR
		19,00		63,00	
2022-2023 Spring					
CENG213	DATA STRUCTURES	4,00	AA	16,00	6,00
FREN201	FRENCH 201 A1.1	4,00	AA	16,00	6,00
PHYS210	MATHEMATICAL METHODS IN PHYSICS II	4,00	BA	14,00	6,00
CENG222	STATISTICAL METHODS FOR COMPUTER ENGINEERING	3,00	AA	12,00	5,00
CENG334	INTRODUCTION TO OPERATING SYSTEMS	3,00 *	CC *	6,00 *	5,50
CENG350	SOFTWARE ENGINEERING	3,00	BB	9,00	5,50
CENG488	SPECIAL TOPICS IN CENG: GUIDED RESEARCH	3,00	AA	12,00	6,00
HIST2202	PRINCIPLES OF KEMAL ATATÜRK II	0,00	S	0,00	2,00
TURK304	TURKISH II	0,00	S	0,00	2,00
CumGPA:	3,52	GPA:	3,55	STAN:	HIGH HONOR
		20,00		71,00	
2023-2024 Fall					
CENG491	COMPUTER ENGINEERING DESIGN I	4,00	BA	14,00	8,00
FREN202	FRENCH 202 A1.2	4,00	AA	16,00	6,00
MATH219	INTRODUCTION TO DIFFERENTIAL EQUATIONS	4,00	BA	14,00	7,00
CENG351	DATA MANAGEMENT AND FILE STRUCTURES	3,00	AA	12,00	6,00
CENG501	DEEP LEARNING	3,00	BA	10,50	8,00
EE381	SYSTEMS AND CONTROL	3,00	AA	12,00	5,00
CENG400	SUMMER PRACTICE II	0,00	S	0,00	5,00
CumGPA:	3,63	GPA:	3,74	STAN:	HIGH HONOR
		21,00		78,50	
2023-2024 Spring					
CENG492	COMPUTER ENGINEERING DESIGN II	4,00	AA	16,00	8,00
CENG334	INTRODUCTION TO OPERATING SYSTEMS	3,00	BA	10,50	5,50
CENG336	INTRO.TO EMBEDDED SYSTEMS DEVELOPMENT	3,00	BA	10,50	5,50
CENG384	SIGNALS AND SYSTEMS FOR COMPUTER ENGINEERS	3,00	AA	12,00	5,00
CENG444	LANGUAGE PROCESSORS	3,00	AA	12,00	6,00
CENG489	SPECIAL TOPICS IN COMP. ENG. : INTRO.TO COMP.SECURITY	3,00	AA	12,00	6,00
CumGPA:	3,71	GPA:	3,84	STAN:	HIGH HONOR
		19,00		73,00	



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ACADEMIC TRANSCRIPT

FAMILY NAME BOLU
GIVEN NAME MURAT
STUDENT ID 2521300
FACULTY Engineering
DEPARTMENT/PROGRAM Computer Engineering

DATE OF ENTRY August 29, 2020
DEGREES AWARDED B.S.
DATE OF GRADUATION January 27, 2025

<u>COURSE CODE</u>	<u>COURSE NAME</u>	<u>CREDITS</u>	<u>GRADE</u>	<u>POINTS</u>	<u>ECTS CREDITS</u>
2024-2025 Fall					
CENG424	LOGIC FOR COMPUTER SCIENCE	3,00	BA	10,50	6,00
CENG435	DATA COMMUNICATIONS AND NETWORKING	3,00	BB	9,00	6,00
CENG477	INTRODUCTION TO COMPUTER GRAPHICS	3,00	CB	7,50	6,00
CumGPA: 3,66	GPA: 3,00	STAN: HONOR	9,00	27,00	
CumGPA: 3,66	GRAND TOTALS:	140,00		513,00	265,00

The student was exempt from attending to Basic English Department.

Having attained the required score on METU/ EPE, the abovementioned student was exempted from the course ENG 101.

The credit of this course and the (AA) grade has been included in the cumulative grade point average (Cum.GPA) of the first term of the program.

The above mentioned student's ranking was 41 out of 156 first (1 st) year students in the Department of Computer Engineering in the Spring semester of the 2020-2021 academic year.

The above mentioned student's ranking was 59 out of 168 second (2 nd) year students in the Department of Computer Engineering in the Fall semester of the 2021-2022 academic year.

The above mentioned student's ranking was 43 out of 156 second (2 nd) year students in the Department of Computer Engineering in the Spring semester of the 2021-2022 academic year.

The above mentioned student's ranking was 34 out of 163 third (3 rd) year students in the Department of Computer Engineering in the Fall semester of the 2022-2023 academic year.

The above mentioned student's ranking was 20 out of 159 third (3 rd) year students in the Department of Computer Engineering in the spring semester of the 2022-2023 academic year.

The above mentioned student's ranking was 21 out of 318 fourth (4 th) year students in the Department of Computer Engineering in the Fall semester of the 2023-2024 academic year.

The above mentioned student's ranking was 9 out of 284 fourth (4 th) year students in the Department of Computer Engineering in the Spring semester of the 2023-2024 academic year.

The above mentioned student's ranking was 19 out of 305 fourth (4 th) year students in the Department of Computer Engineering in the Fall semester of the 2024-2025 academic year.

Grade point average of graduation is 89.80 over hundred.

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ACADEMIC TRANSCRIPT

FAMILY NAME BOLU
GIVEN NAME MURAT
STUDENT ID 2521300
FACULTY Arts and Sciences
DEPARTMENT/PROGRAM Physics-MINOR

DATE OF ENTRY
REASON OF LEAVING
DATE OF LEAVING

March 01, 2023
OWN WILL
June 25, 2024

COURSE CODE	COURSE NAME	CREDITS	GRADE	POINTS	ECTS CREDITS
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2022-2023 Spring

The courses adapted from the major program are listed below.

20222	ELEC99	Adaptation was made with no courses counted			
Total:			0,00		0.00
PHYS210	MATHEMATICAL METHODS IN PHYSICS II		4,00	BA	14,00
CumGPA: 3,50		GPA: 3,50 STAN: SATISFACTORY	4,00	14,00	6,00

2023-2024 Fall
ON LEAVE

2023-2024 Spring
OWN WILL

CumGPA: 3,50	GRAND TOTALS:	4,00	14,00	6,00
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ACADEMIC TRANSCRIPT

FAMILY NAME BOLU
GIVEN NAME MURAT
STUDENT ID 2521300
GRADUATE SCHOOL PROGRAM Natural and Applied Sciences
Computer Engineering

DATE OF ENTRY February 07, 2025
DEGREES AWARDED
DATE OF GRADUATION

<u>COURSE CODE</u>	<u>COURSE NAME</u>	<u>CREDITS</u>	<u>GRADE</u>	<u>POINTS</u>	<u>ECTS CREDITS</u>
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A transcript issued by Middle East Technical University bears the seal of the University and is signed by the authorized administrator. If requested, an official transcript which is enclosed in an envelope is provided to the student or delivered to the desired address.

The medium of instruction at Middle East Technical University is English.

One academic year consists of two 16-week semesters, including the period for final exams. Summer semesters may be offered within the scope of an academic year.

The credit value of a course consists of all of the weekly theoretical course hours plus half of the weekly laboratory, practical, studio, practical application and other similar course hours.

Courses coded 100-499 indicate undergraduate courses, courses coded 500-999 indicate graduate courses.

The Grading System

Letter Grade	Grade Point	Percentage Grade
AA	4.00	90-100
BA	3.50	85-89
BB	3.00	80-84
CB	2.50	75-79
CC	2.00	70-74
DC	1.50	65-69
DD	1.00	60-64
FD	0.50	50-59
FF	0.00	0-49

Symbols

I => Incomplete	W => Withdrawn
P => Progressing	NA => Exceeded the absenteeism limit
S => Satisfactory	NI => Not included in the GPA and Cum.GPA
U => Unsatisfactory	GPA => Grade Point Average for the Semester
EX=> Exempted	CGPA => Cumulative Grade Point Average

Courses marked (*) are courses that have been repeated and therefore deducted from the CGPA.

Courses marked with the letter (R) are courses whose grades for the semester have been finalized following a resit exam given to students fulfilling the requirements specified in the concerned regulation after the final grades for the semester have been announced.

Credit hours with (+) indicate courses counted from another program and are included in computation of CGPA.

Credit hours with (-) indicate courses not included in the program and are not included in computation of CGPA.

Information on Standing (For Undergraduate Programs)

HIGH HONOR	: GPA \geq 3.50 and CGPA \geq 2.00
HONOR	: $3.00 \leq$ GPA \leq 3.49 and CGPA \geq 2.00
SATISFACTORY	: $2.00 \leq$ GPA \leq 2.99 and CGPA \geq 2.00
SUFFICIENT	: CGPA \geq 2.00, however having FF, FD, NA, U grades
UNSATISFACTORY	: CGPA and/or GPA $<$ 2.00
PROBATION	: CGPA and Prev. CGPA $<$ 2.00

Information on Standing (For Graduate Programs)

SATISFACTORY	: CGPA \geq 3.00 (within the maximum period of education)
UNSATISFACTORY	: CGPA $<$ 3.00 (within the maximum period of education)
PROBATION	: Has obtained two consecutive or three intermittent letter grades of "U" for thesis work; has failed twice in the Doctoral Qualifying Exam; has failed to graduate at the end of maximum education period.

Associate Degree Programs: The standard duration of study in such programs is 2 years (4 semesters) and the maximum duration is 4 years (8 semesters). In order to qualify for graduation, the minimum grade required in a course is DD/S and the minimum CGPA is 2.00/4.00.

Undergraduate Programs: The standard duration of study in such programs is 4 years (8 semesters) and the maximum duration is 7 years (14 semesters). In order to qualify for graduation, the minimum grade required in a course is DD/S and the minimum CGPA is 2.00/4.00.

Non-thesis Graduate Programs Integrated with an Undergraduate Program: The standard duration of study in such programs is 5 years (10 semesters) and the maximum duration is 9 years (18 semesters). In order to qualify for graduation, the minimum grade required in a course is DD/S and the minimum CGPA is 2.00/4.00.

Compensatory Programs for Graduate Studies: The maximum duration of study in such programs is 1 year (2 semesters). For satisfactory completion of an undergraduate course, the minimum grade required is CC/S and that of a graduate course is CB/S and the minimum CGPA is 2.50/4.00.

Master's Programs with a Thesis: The standard duration of study in such programs is 2 years (4 semesters) and the maximum duration is 3 years (6 semesters). In order to qualify for graduation; the student must have taken at least 7 courses (21 credits) and completed the dissertation work, the minimum grade required in a course is CC/S and the minimum CGPA is 3.00/4.00.

Master's Programs without a Thesis: The standard duration of study in such programs is 2 semesters and the maximum duration is 3 semesters. In order to qualify for graduation; the student must have taken at least 10 courses (30 credits), the minimum grade required in a course is CC/S and the minimum CGPA is 3.00/4.00.

Doctoral Programs: The standard duration of study in such programs is 4 years (8 semesters) and the maximum duration is 6 years (12 semesters). In order to qualify for graduation, the student must have taken at least 7 courses (21 credits), passed the doctoral qualifying exam, defended her/his dissertation proposal and completed the doctoral dissertation. The minimum grade required in a course is CB/S and the minimum CGPA is 3.00/4.00.

Post Bachelors's Doctoral Programs: The standard duration of study in such programs is 5 years (10 semesters) and the maximum duration is 7 years (14 semesters). In order to qualify for graduation, the student must have taken at least 14 courses (42 credits), given a seminar, passed the doctoral qualifying exam, defended her/his dissertation proposal and completed the post-doctoral dissertation. The minimum grade required in a course is CB/S and the minimum CGPA is 3.00/4.00.

After the maximum duration of study has been exceeded, conditions for remaining in a program and the validity of the courses taken are determined by related regulations.

Detailed information about Regulations can be found at <http://oidb.metu.edu.tr>.