


REPUBLIC OF TÜRKİYE SAKARYA UNIVERSITY	TERM TRANSCRIPT		
	NUMBER : b191210564 NAME : DEMBA SURNAME : SOW TR IDENTITY NO : 99981066402 FACULTY : FACULTY OF COMPUTER AND INFORMATION SCIENCES DEPARTMENT : COMPUTER ENGINEERING		

1. Semester Courses		Comment	ECTS Credit	Grade
BSM101	INTRODUCTION TO COMPUTER ENGINEERING		4	CC
MAT111	MATHEMATICS I		6	BA
BSM103	INTRODUCTION TO PROGRAMMING		6	AA
FIZ111	PHYSICS I		6	BA
TUR101	TURKISH LANGUAGE		4	AA
MAT113	LINEAR ALGEBRA		4	AA
Total ECTS		Total Weighted Grade	GPA	GPA on a 100 scale
Semester	: 30	106	3.53	89.3
General	: 30	106	3.53	89.3
2. Semester Courses		Comment	ECTS Credit	Grade
ING190	ENGLISH		4	AA
FIZ112	PHYSICS II		6	AA
BSM104	WEB TECHNOLOGIES		4	BB
IST108	PROBABILITY AND STATISTICS		4	CC
BSM102	OBJECT ORIENTED PROGRAMMING		6	BA
MAT112	MATHEMATICS II		6	DC
Total ECTS		Total Weighted Grade	GPA	GPA on a 100 scale
Semester	: 30	90	3	84
General	: 60	196	3.27	86.7
3. Semester Courses		Comment	ECTS Credit	Grade
ATA201	PRINC. OF ATATURK AND HISTORY OF TURKISH REVOLUTION		4	AA
BSM203	LOGIC CIRCUITS		5	CB
BSM213	ELECTRONICS CIRCUITS AND LABORATORY		5	AA
BSM211	DATABASE MANAGEMENT SYSTEMS		5	BB
MAT217	NUMERICAL ANALYSIS		5	BB
BSM207	DATA STRUCTURES		6	CC
Total ECTS		Total Weighted Grade	GPA	GPA on a 100 scale
Semester	: 30	90.5	3.02	84.2
General	: 90	286.5	3.18	85.8
4. Semester Courses		Comment	ECTS Credit	Grade
BSM208	CONCEPTS OF PROGRAMMING LANGUAGES		5	CC
BSM204	OBJECT ORIENTED ANALYSIS AND DESIGN		4	BA
BSM210	DISCRETE COMPUTATIONAL STRUCTURES		5	AA
BSM212	MICROPROCESSOR SYSTEMS AND LABORATORY		5	CC
MAT202	DIFFERENTIAL EQUATIONS		6	BA
BSM206	COMPUTER ORGANISATION		5	BB
Total ECTS		Total Weighted Grade	GPA	GPA on a 100 scale
Semester	: 30	90	3	84
General	: 120	370.5	3.14	85.4


Melek TÜREL
 Öğrenci İşleri Dai. Bşk. V.



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5. Semester Courses		Comment	ECTS Credit	Grade
BSM309	OPERATING SYSTEMS	(22)	5	DC
BSM307	SIGNALS AND SYSTEMS	(22)	4	DC
BSM301	FORMAL LANGUAGES AND ABSTRACT MACHINES		4	CC
BSM313	INTERNET OF THINGS AND APPLICATIONS		4	CC
BSM311	WEB PROGRAMMING	(22)	4	CB
BSM399	INTERNSHIP	(1)	(5)#	YT
BSM305	DATA COMMUNICATION	(16)	4	DD
Total ECTS		Total Weighted Grade	GPA	GPA on a 100 scale
Semester	: 25	43.5	1.74	69.58
General	: 145	420	2.9	83
6. Semester Courses		Comment	ECTS Credit	Grade
BSM310	ARTIFICIAL INTELLIGENCE		5	AA
BSM306	SOFTWARE ENGINEERING	(22)	5	CB
BSM304	COMPUTER NETWORKS	(22)	5	DD
BSM316	TECHNICAL ENGLISH	(22)	4	BA
SAU570	CAREER PLANNING (Elective)		5	BB
BSM312	ALGORITHM ANALYSIS AND DESIGN		4	CB
BSM308	SYSTEM PROGRAMMING		4	DD
Total ECTS		Total Weighted Grade	GPA	GPA on a 100 scale
Semester	: 32	80.5	2.52	79.2
General	: 177	500.5	2.83	82.3
7. Semester Courses		Comment	ECTS Credit	Grade
SAU999	ACADEMIC STUDIES (Elective)	(1)	5	AA
BSM447	MOBILE APPLICATION DEVELOPMENT (Elective)	(22)	5	CB
BSM433	OPTIMIZATION (Elective)		5	CB
BSM461	INTRODUCTION TO BIG DATA (Elective)		5	CB
BSM401	COMPUTER ENGINEERING DESIGN		5	AA
Total ECTS		Total Weighted Grade	GPA	GPA on a 100 scale
Semester	: 25	77.5	3.1	85
General	: 202	578	2.86	82.6
8. Semester Courses		Comment	ECTS Credit	Grade
BSM454	_ (Elective)	(22)	5	BA
BSM458	NETWORK PROGRAMMING (Elective)	(22)	5	BA
BSM438	COMPILER DESIGN (Elective)		5	CB
SAU217	ADVANCED ENGLISH SPEAKING AND LISTENING SKILLS (Elective)		5	AA
BSM498	SENIOR DESIGN PROJECT		10	AA
SAU354	WEB DESIGN (Elective)	(22)	5	CB
BSM496	INTERNSHIP	(1)	(5)#	YT
Total ECTS		Total Weighted Grade	GPA	GPA on a 100 scale
Semester	: 35	120	3.43	88.3
General	: 237	698	2.95	83.5

Diploma Date:14.03.2024 Diploma Number:3090/12.2694

Courses which are not included in GPA (10 ECTS)

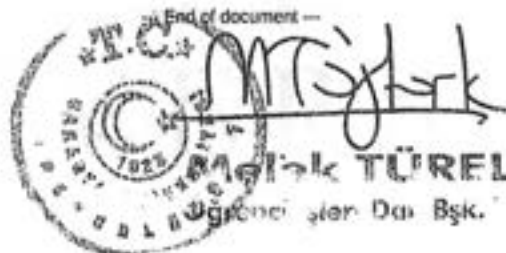
* (1) Board Decision

* (16) Tek Ders Sinavi

* (22) Courses are taken abroad under the scope of LLP/Erasmus Programme

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Date : 21.03.2024

MELEK TÜREL
Head of Student Affairs
Department

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TRANSCRIPT REMARKS

LETTER GRADE: It indicates the student academic performance. Final Grade coefficients are presented below.

<u>Description</u>	<u>Grade</u>	<u>Point</u>	<u>Score</u>
Excellent	AA	4.00	90-100
Very Good	BA	3.50	85-89
Good	BB	3.00	80-84
Satisfactory	CB	2.50	75-79
Passing	CC	2.00	65-74
Barely Passing	DC	1.50	58-64
Poor Mark	DD	1.00	50-57
Failing	FD	0.50	40-49
Failing	FF	0.00	0-39
Not Attended	DZ	0.00	0.00
Absent from final exam	GR	0.00	0.00
Sufficient	YT	--	--
Insufficient	YZ	--	--
Exempt	MU	--	--
Incomplete	E	--	--

Details;

- 1) A student who gets AA, BA, BB, CB, CC, DC and DD Letter grades is regarded as successful.
- 2) FD and FF letter grades indicate the failure of the student.
- 3) DZ grade is given to the students who do not fulfill the attendance requirements or fail to fulfill the requirements related to the course applications. The DZ grade is regarded as FF grade in the calculation of grade point averages.
- 4) GR grade is given to the students who do not take the final exam regardless of their term work. GR grade is regarded as FF grade in the calculation of grade point averages.
- 5) MU grade is given to the students who are successful in the exemption exam. MU grade is not included in the calculation of grade point averages.
- 6) It is used to show success in courses that are not deemed appropriate to participate in the grade point average upon the decision of the relevant unit board and the approval of the Senate. YT is given to the successful student and YZ is given to the unsuccessful student.
- 7) Grade E refers to the additional time given for the completion of the course with the decision of the coordinator in case the education and training activities cannot be completed according to the academic calendar determined. The additional period cannot exceed the period to be determined by the senate from the date when the E grade is given. If the course grade is not entered to the system during this period, it is replaced with YZ letter grade.

Grade Point Average;

- 1) Student's achievement is determined by DNO (Grade Point Average) and GNO (Cumulative Grade Point Average) at the end of each semester. The grade point average is calculated by division of the sum of all values, gained by multiplying the ECTS value of each course added to the grade point average with the coefficient of the letter grade taken from that course, by the sum of total credits of these courses. If this operation is done for the courses with letter grades in a semester, DNO is obtained; if it is done for all the courses with letter grades, GNO is obtained.
- 2) In the GNO and DNO calculation, a three-digit operation is executed after the comma, and the display is made in two digits. In the rounding operation, if the third digit after the comma is 0-4, the rounding rule is applied down, and if 5-9, the rounding rule is applied up.
- 3) While calculating the GNO and DNO, the last letter grade and credit of repeated compulsory or elective course is taken as a basis; if elective course is replaced with another course, the letter grade and credit of last taken course is taken as a basis. Courses which are not taken are not included in grade point average.

Graduation and Degree;

- 1) A student is required to take and pass all courses in the curriculum.
- 2) A student is obliged to meet the condition of grade point average > 2.00 .
- 3) A student is required to complete three hundred sixty (360) ECTS at the undergraduate level of six (6) years, three hundred (300) ECTS at the undergraduate level of five (5) years, two hundred forty (240) ECTS at the undergraduate level of four (4) years, and one hundred twenty (120) ECTS at the associate degree level. Students who meet these requirements are considered to have completed their education.

Graduate Degree in Graduate Certificate

- a) "Excellent" for those who get 3.50 (included)-4
- b) "Good" for those who get 3.00 (included)-3.49 (included). Graduation degrees of students who graduate with a lower grade are not indicated.