[ AUTHENTICATION NO: 015E-7A10-3870-6316 ]

## SEOUL NATIONAL UNIVERSITY

1 Gwanak-ro, Gwanak-gu, Seoul 08826, Republic of Korea

Academic Transcript

Date Issued: September 10, 2023

CREDITS GRADE

Issue Number: 0249131

Full Name : JUNG Yoon Kyo(정 유 교) Degree Program : Master

Graduate School

Student Number : 2019-27143

Department (Major): Department of Computer Science and Engineering

(Computer Science and Engineering Major)

Engineering COURSE TITLE

Date of Birth Date of Degree Conferral: February 26, 2021 : June 18, 1994

Date of Enrollment: March 1, 2019

Degree Conferred: Master of Science in Computer Science and

	L	regree	-
COURSE TITLE	CREDITS	GRADE	
2019 1ST SEMESTER			
Genetic Algorithm	3	B+	
Topics in Real-Time Systems(Probabilistic	3	A+	
Real-Time Guarantee)			
Topics in Computer Networks(Realtime	3	A+	
Network)			
Advanced Network Security	3	AO	
TNC : 12.0 GPA : 3.97			
	12		
2019 2ND SEMESTER			
Advanced Theory in Computation	3	BO	
Artificial Neural Networks	3	B+	
Colloquium on Advanced Computer	1	S	
Engineering(Future Trends of Information			
Technology)			
TNC : 7.0 GPA : 3.15	<b>}</b>		
2020 1ST SEMESTER			
Real-Time Systems(ENG)	3	A-	
Colloquium on Advanced Computer		S	
Engineering(The Future of Information and	TA	. 11	
Convergence Technology)			

Convergence Technology) Studies in Computer Networks(Intelligent Network)

GPA : 4.00 TNC : 7.0

## 2020 2ND SEMESTER

Dissertation Research TNC : 3.0

Total Number of Credits 290 Course Credits 26 Research Credits 3 **Total Grade Points** 90.60 Grade Point Average 3.77 / 4.30 3.97 / 4.50 3.66 / 4.00

Percentage Equivalent 94.70

1. Hours per week

One credit is given for one hour of class work per week for one semester.

One credit is given for two or more hours of laboratory work per week for one semester. 2. Weeks per year:

One semester consists of 15 or 16 weeks, and one academic year consists of two semesters

3. Required credits for graduation:

Minimum of 24 credits. 4. Grade point system (in effect since 1972)

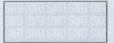
A+ 4.3 B+ 3.3 C+ 2.3 D+ 1.3 F Failure S Satisfactory A0 4.0 B0 3.0 C0 2.0 D0 1.0 I Incomplete U Unsatisfactory A- 3.7 B- 2.7 C- 1.7 D- 0.7

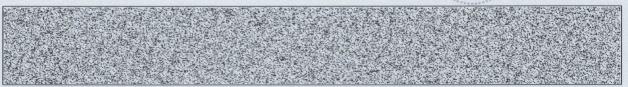
5. Pre-1972 grades A, B, C, and D are reported as AO, BO, CO, and D0, respectively. A 3.0 B 2.0 C 1.0 D 0.0 F Failure

6. Minimum grade point average for graduation is

7. ENG indicates that the course was conducted in English.

Byeong-Kweon Oh, Ph.D. Vice President of Academic Affairs Seoul National University





## SCHOLASTIC RECORD

## REPUBLIC OF KOREA AIR FORCE ACADEMY OFFICE OF THE REGISTRAR

P.O.Box 335-1, Namil, Sangdang, Cheongju, Chungbuk, Republic of Korea

18, 1994

Date of Birth : June Jung, Yoon Kyo Degree Conferred Bachelor of System Engineering, Bachelor of Military Arts

Major System Engineering

Date of Admission February 18, 2013

Date of Graduation : February 24, 2017

Course	Freshman (	Course				Sophomore (	Course			
Introduction to Psychology		1st Semester   2nd Semester			mester		1st Semester		2nd Semester	
English Reading I General Chemistry & Lab I Introduction to North Korea Physical Education I Introduction to Computer Science Calculus Korean History English Reading II English Conversation I General Physics II General Chemistry & Lab II Introduction to Aeronautical Engine Physical Education II Solution I	Course	Credit	Grade	Credit	Grade	Course	Credit	Grade	Credit	Grade
	English Reading I Deneral Chemistry & Lab I Introduction to North Korea Physical Education I Introduction to Computer Science Calculus Corean History English Reading II Introduction to Philosophy Deneral Physics I College Composition	3.00 3.00 2.00 0.50 3.00	A0 A0 C+ B- B+	3.00 2.00 3.00 3.00 3.00	C0 B- B+ B0 B0	English Conversation I General Physics II General Chemistry & Lab II Introduction to Aeronautical Engine Physical Education II Exercise Physiology2 Engineering Mathematics I Engineering Economics Principles of Economics English Conversation II Life Science Foreign Language I (Chinese) Introduction to Statistics	1.00 3.00 3.00 3.00 0.50 1.00	A0 A- B+ A- A0 B-	3.00 3.00 1.00 3.00 3.00 3.00	A0 C+ A- B0 B+ A+

Total & G. P. A	17.5	3.43	17.5	2.72	lotal & G. P. A	17.5	3.65	19.5	3.43	
Junior Co	ourse			\$(\$-	Senior Course					
	1st Se	mester	2nd Sei	mester		1st Semester		2nd Ser	mester	
Course	Credit	Grade	Credit	Grade	Course	Credit	Grade	Credit	Grade	
History of Civilization English Conversation III Foreign Language II (Chinese) Theory of Data Analysis Introduction to Electronic Engineer Air and Space Law System Optimization I Scientific Management Physical Education III Military Ethics English Conversation IV Human Factors Engineering & Lab National Security Study Studies in System Operations and Co Analysis of Stochastic Process Syst Introduction to military operations Science of Coaching History of Warfare	3.00 3.00 3.00 0.50	A- A- A- A- B+ AO AO A+	0.50 2.00 1.00 3.00 2.00 3.00 2.00 1.00 3.00	A0 A+ A0 A- A0 B+ C+ C+ B0 B0	Flight Mechanics Man-Machine System & Lab The Air Strategy Physical Education IV Decision Analysis Sensibility Ergonomics Communication Space Astronomy Military system and command manager Air Military English Cyberspace Warfare Safety Engineering Aerospace Weapon System Physical EducationIV Advanced System Engineering Dogma and Operation Leadership	2.00 3.00 3.00 0.50 3.00 3.00 2.00 1.00	80 8- 8+ A0 A0 A0 A0 A0 B+	1.00 2.00 3.00 2.00 0.50 3.00 2.00 3.00	AO A- B+ B+ AO AO A- A+	
Total & G. P. A	22.5	3.82	20.5	3.27	Total & G. P. A	20.5	3.58	16.5	3.77	

This transcript is a complete and authentic copy originally filed by this office.

Excellent: A+(4.3), A0(4.0), A-(3.7)Good: B+(3.3), BO(3.0), B-(2.7)

Average: C+(2.3), CO(2.0), C-(1.7)

Sum of Credits: 152

Poor, But Passing : D+(1.3), D0(1.0), D-(0.7)

Failure : F(0.0),

Grade Point Average: 3.47

REPUBLIC OF KOREA AIR FORCE ACAD

Percentage Score: 91.4

October 25, 2023 T-23-619-1