

Record of: Zonghua Ouyang
Penn ID: 39907711
Date of Birth: 30-NOV
Date Issued: 17-MAY-2025

U N O F F I C I A L

Page: 1

The University of Pennsylvania

Level: Professional

Primary Program

Program: School of Engineering and Applied Science
Master of Science in Engineering
Division : School of Engineering and Applied Science
Masters
Major : Electrical Engineering

***** TRANSCRIPT TOTALS *****
Earned Hrs GPA Hrs Points GPA
TOTAL INSTITUTION 6.00 6.00 24.00 4.00
TOTAL TRANSFER 0.00
OVERALL 6.00 6.00 24.00 4.00
***** END OF TRANSCRIPT *****

SUBJ	NO.	COURSE TITLE	CU	GRD	R
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INSTITUTION CREDIT:

Fall 2024

CIS	5150	Fundamentals of Linear Algebra and Optimization	1.00	A+				
ESE	5070	Intr Netwrks & Protocols	1.00	A				
ESE	5700	Digital Integrated Circuits and VLSI-Fundamentals	1.00	A				
Ehrs:		3.00	GPA-Hrs:	3.00	QPts:	12.00	GPA:	4.00

Spring 2025

ESE	5730	Chips-design	1.00	A				
ESE	6680	Mixed Signal Circuit Design and Modeling	1.00	A				
ESE	6800	Special Topics in Electrical and Systems Engineering	1.00	A				
Ehrs:		3.00	GPA-Hrs:	3.00	QPts:	12.00	GPA:	4.00

Fall 2025

ESE	5320	System-on-a-Chip Architecture	1.00	IN PROGRESS
ESE	5750	Chips-measurements	1.00	IN PROGRESS
In Progress Credits		2.00		

***** CONTINUED ON NEXT COLUMN *****