UNIVERSITY OF SOUTHERN CALIFORNIA
OFFICIAL ACADEMIC TRANSCRIPT

OFFICE OF THE REGISTRAR
LOS ANGELES, CA 90089-0912
(213) 740-7445

RELEASE OF THIS RECORD OR DISCLOSURE OF ITS CONTENTS TO ANY THIRD PARTY WITHOUT WRITTEN CONSENT OF THE STUDENT IS PROHIBITED

STUDENT NAME	STUDENT NUMBER	DATE	PAGE
Prajapati, Hardikkumar Arvindkumar	2678-2941-68	11-17-2023	1 of 2

NOTE: PHOTOCOPIES ARE NOT TO BE CONSIDERED OFFICIAL TRANSCRIPTS.THE REGISTRAR'S SEAL AND SIGNATURE APPEAR ON THE FIRST PAGE.

ISSUE TO:

CONTROL #: 000002408246

RAISED SEAL NOT REQUIRED

This transcript is not valid without the university seal and the signature of the Registrar. A raised seal is not required.

Frank Chang
Registrar

```
-------------------------------------  Current Program of Study  -------------------------------------
-------------------------------------------------------------------------------------------------------
----------------------------------  USC Degrees Awarded  ----------------------------------------------
12/14/2022 Master of Science                      Electrical Engineering
----------------------------------  USC Cumulative Totals  --------------------------------------------
Graduate     Units Attempted:  28.0 Earned:  28.0 Available:  28.0 GPA Units:  27.0 Grade Points: 108.00 GPA:  4.00
-------------------------------------------------------------------------------------------------------
```

Spring Semester 2021 (01-11-2021 to 05-14-2021)

Grades of Pass/No Pass permitted in Spring 2021 in response to COVID-19 global pandemic.

Course	Grade	Units	Title
EE-503	A	4.0	Probability for Electrical and Computer Engineers
EE-510	A	4.0	Linear Algebra for Engineering

Term Units Attempted	Term Units Earned	Term GPA Units	Term Grade Points	Term GPA
8.0	8.0	8.0	32.00	4.00

OFFICE OF THE REGISTRAR
LOS ANGELES, CA 90089-0912
(213) 740-7445

STUDENT NAME	STUDENT NUMBER	DATE	PAGE
Prajapati, Hardikkumar Arvindkumar	2678-2941-68	11-17-2023	2 of 2

NOTE: PHOTOCOPIES ARE NOT TO BE CONSIDERED OFFICIAL TRANSCRIPTS.THE REGISTRAR'S SEAL AND SIGNATURE APPEAR ON THE FIRST PAGE.

Summer Semester 2021   (05-19-2021 to 08-10-2021)

Grades of Pass/No Pass permitted in Summer 2021 in response to COVID-19 global pandemic.

```
EE-590          CR    1.0  Directed Research
EE-559          A     3.0  Mathematical Pattern Recognition
```

Term Units Attempted	Term Units Earned	Term GPA Units	Term Grade Points	Term GPA
4.0	4.0	3.0	12.00	4.00

Fall Semester 2021   (08-23-2021 to 12-15-2021)

Grades of Pass/No Pass permitted in Fall 2021 in response to COVID-19 global pandemic.

```
EE-660          A     4.0  Machine Learning II: Mathematical Foundations
                           and Methods
CSCI-677        A     4.0  Advanced Computer Vision
```

Term Units Attempted	Term Units Earned	Term GPA Units	Term Grade Points	Term GPA
8.0	8.0	8.0	32.00	4.00

Spring Semester 2022   (01-10-2022 to 05-13-2022)

Grades of Pass/No Pass permitted in Spring 2022 in response to COVID-19 global pandemic.

```
EE-569          A     4.0  Introduction to Digital Image Processing
```

Term Units Attempted	Term Units Earned	Term GPA Units	Term Grade Points	Term GPA
4.0	4.0	4.0	16.00	4.00

Fall Semester 2022   (08-22-2022 to 12-14-2022)

```
EE-541          A     2.0  A Computational Introduction to Deep Learning
EE-538          A     2.0  Computing Principles for Electrical Engineers
```

Term Units Attempted	Term Units Earned	Term GPA Units	Term Grade Points	Term GPA
4.0	4.0	4.0	16.00	4.00

--------------------------- End of Transcript ---------------------------

ACADEMIC TRANSCRIPT INFORMATION

NOTE: *The information that follows represents current University policies. Questions regarding historical University policies and/or transcript notations should be addressed to the Office of the Registrar. This document contains a number of security features. Further information or authentication can be obtained by calling the Office of the Registrar (213) 740-9230.*

COURSE CREDIT/UNIT VALUE
A semester unit is a credit of one hour per week for one semester (15 weeks in length).

COURSE NUMBERING AND CLASSIFICATION
The first digit of the course indicates the year level of the course. 000-preparatory courses; 100-first undergraduate year; 200-second undergraduate year; 300-third and fourth undergraduate years without graduate credit; 400-third and fourth undergraduate years with graduate credit for graduate students; 500-first graduate year; 600-second graduate year; and 700-third graduate year.

GRADING SYSTEM
The following grades are used: A, excellent; B, good; C, fair in undergraduate courses and minimum passing in courses for graduate credit. D, minimum passing in undergraduate courses; and F, failed. Additional grades include CR, credit; NC, no credit; P, pass; and NP, no pass. The following marks are also used: W, withdrawn; IP, in progress; UW, unofficial withdrawal; MG, missing grade; IN, incomplete; and IX, lapsed incomplete.

GRADE POINT AVERAGE (GPA) CATEGORIES/CLASS LEVEL
A system of grade points is used to determine a student's grade point average. Grade points are assigned to grades as follows for each unit in the credit value of a course. A, 4.0 points; A-, 3.7 points; B+, 3.3 points; B, 3.0 points; B-, 2.7 points; C+, 2.3 points; C, 2.0 points; C-, 1.7 points; D+, 1.3 points; D, 1.0 points; D-. 0.7 points; F, 0 points; UW, 0 points; and IX, 0 points. Marks of CR, NC, P, NP, W, IP, MG and IN do not affect a student's grade point average. There are four categories of class level and GPA: Undergraduate, Graduate, Law, and Other. UNDERGRADUATE is comprised of Freshman (less than 32 units earned), Sophomore (32 to 63.9 units earned), Junior (64 to 95.9 units earned) and Senior (at least 96 units earned). GRADUATE is comprised of any coursework attempted while pursuing a master's and/or doctoral degree. LAW is comprised of any coursework attempted while pursuing a Juris Doctor or Master of Laws degree. Other is comprised of any coursework attempted while not admitted to a degree program or coursework not available for degree credit.

CLASS RANK
The University of Southern California does not calculate or support a class rank for its undergraduate students. While most graduate programs do not rank students, requests for graduate student class rankings should be directed to the dean of the particular school in which the graduate degree was earned.

STUDENT GOOD STANDING
A student is considered to be in good standing if they are eligible to register for classes. Disciplinary good standing is determined by the Office of Community Expectations.

TRANSFER CREDIT
Coursework accepted from other institutions is summarized into undergraduate and graduate areas. The summary information includes the number of units and GPA. The transfer institution(s) and dates of attendance do not appear on the USC transcript.

GOULD SCHOOL OF LAW GRADING SYSTEMS
Beginning in Fall 2022, courses are graded numerically from 4.0 to 1.9, with letter-grade equivalents ranging from A to F. The grade equivalents are 4.0 to 3.8 (A); 3.7 to 3.5 (A-); 3.4 to 3.3 (B+); 3.2 to 3.0 (B); 2.9 to 2.7 (B-); 2.6 to 2.5 (C+); 2.4 (C); 2.3 to 2.1 (C-); 2.0 (D); and 1.9 (F).

From Fall 2012 through Spring 2022, courses were graded numerically from 4.4 to 1.9, with letter grade equivalents ranging from A+ to F. The grade equivalents are 4.4 to 4.1 (A+); 4.0 to 3.8 (A); 3.7 to 3.5 (A-); 3.4 to 3.3 (B+); 3.2 to 3.0 (B); 2.9 to 2.7 (B-); 2.6 to 2.5 (C+); 2.4 (C); 2.3 to 2.1 (C-); 2.0 (D); and 1.9 (F).

From Fall 2001 through Spring 2012, courses were graded numerically from 4.4 to 1.9, with letter grade equivalents ranging from A+ to F. The grade equivalents are 4.4 to 4.1 (A+); 4.0 to 3.8 (A); 3.7 to 3.5 (A-); 3.4 to 3.3 (B+); 3.2 to 3.0 (B); 2.9 to 2.7 (B-); 2.6 to 2.5 (C+); 2.4 (C); 2.3 to 2.0 (D); and 1.9 (F).

Prior to Fall 2001, the grading system consisted in numbers in a range from 90 to 65. A grade of 90 was equivalent to highest honors and was very rare; 89 to 85 high honors; 84 to 80, honors; 79 to 70, satisfactory; 69 to 66, unsatisfactory; and 65, failing.

OSTROW SCHOOL OF DENTISTRY GRADING SYSTEM
Students admitted to the Doctor of Dental Surgery program in Fall 1990 or later and students admitted to the International Student Program in Summer 1991 or later, are bound by the University's grading system (excluding plus/minus grades), which is detailed *above* under the heading "GRADING SYSTEM." Academic records for dentistry students who attended prior to the dates listed above are housed independent of the University's central record system. Contact the Ostrow School of Dentistry directly for this earlier academic record information.

KECK SCHOOL OF MEDICINE TRANSCRIPTS
Transcripts for medical students are housed independent of the University's central records system. Contact the School of Medicine directly for this academic record information.

LANGUAGE OF INSTRUCTION
English is the language of instruction at USC. All courses are taught in English with the exception of a few advanced language courses.

ACCREDITATION
The University of Southern California is fully accredited by the Western Association of Schools and Colleges. For additional professional accreditation information, please refer to the latest issue of Accredited Institutions of Postsecondary Education published by the American Council on Postsecondary Accreditation (COPA).

University of Southern California
Authentication of Official Documents Delivered Electronically

This document has been transmitted electronically to the recipient specified by the owner of the record. If you are not the intended recipient, please notify the Registrar's office at the University of Southern California 213 740-7445 or gtv@usc.edu. Release of this record or disclosure of its contents to any third party without written consent of the record owner is prohibited.

This document has been digitally signed and therefore contains special characteristics. When this document is viewed through Adobe Reader versions 6.0 or higher or through Adobe Acrobat versions 6.04 or higher, it will reveal that a digital signature has been applied to the document. A pop-up screen or status bar will indicate whether the document is either valid, invalid, or whether the signer of the document is unknown and other measures must be taken to authenticate the document. In addition the pop-up screen allows for further examination of the digital signature, allowing you to authenticate the origin of the document.

A **valid** signature means that the document's contents have not been changed or altered in any way. Also, when the pop-up screen or status bar displays a message that the digital signature is **valid** it means that the author of the document is known to the certification authority and the person or institution represented by the digital signature is true and authentic. A document that contains a digital signature that can be instantly validated will display a **blue ribbon** on the pop-up screen or status bar and in the lower left corner of the frame of the application

An **invalid** signature display means either the digital signature is not authentic, or the document has been altered. Sometimes the digital signature has been revoked for some reason, or that it has expired. A document with an **invalid** display should be **rejected**.

A third possible message, **Author Unknown**, can have two possible meanings: the digital signature cannot be validated due to a disconnection to the internet, or that the digital signature cannot be instantly validated via the internet. If you receive this message make sure you are properly connected to the internet. If you have a connection and you still cannot validate the digital signature on-line, **reject** this document.