THE UNIVERSITY OF TEXAS AT AUSTIN

OFFICE OF THE REGISTRAR, MAIN BLDG. ROOM 1, AUSTIN, TX 78712-1157, (512) 475-7575

FICE CODE: 3658   IPEDS CODE: 228778   ATP CODE: 6882   ACT CODE: 4240

OFFICIAL TRANSCRIPT

NAME: STARR, JONATHAN KENNETH   STUDENT ID: XXX-XX-3471   DATE: 09/26/17
                                       DOB: 04/26/85   PAGE: 1

DEGREES AWARDED BY THE UNIVERSITY OF TEXAS AT AUSTIN:

DEGREE: BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING
         WITH HIGHEST HONORS
DATE: MAY 23, 2009
MAJOR: ELECTRICAL ENGINEERING

DEGREE: MASTER OF SCIENCE IN ENGINEERING
DATE: DECEMBER 17, 2011
MAJOR: ELECTRICAL AND COMPUTER ENGINEERING

HIGH SCHOOL: GEORGETOWN HIGH SCHOOL   CLASS OF 2004
             GEORGETOWN   TX

ATTENDED: AUSTIN COMMUNITY COLLEGE   SPRING 2003 SPRING 2004

TRANSFERRED WORK FROM AUSTIN COMMUNITY COLLEGE

DATE	ORIGINAL COURSE DESIGNATION		GR/CR		UT EQUIVALENT	
SPRING, 2003	HIST 1302	U.S. HISTORY 2	A	3	HIS 315L	3
FALL, 2003	ENGL 1301	ENGLISH COMPOSITION 1	A	3	RHE 306	3
FALL, 2003	ENGL 1302	ENGLISH COMPOSITION 2	A	3	RHE 309K	3
SPRING, 2004	ENGL 2322	BRITISH LITERATURE 1	A	3	E 316K	3

                              TOTAL HOURS TRANSFERRED: 012

COURSEWORK UNDERTAKEN AT THE UNIVERSITY OF TEXAS AT AUSTIN

FALL SEMESTER 2004   CREDIT BY EXAM
    HIS 309K WESTERN CIV IN MEDIEVAL TIMES   3.0 A
    HIS 309L WESTERN CIV IN MODERN TIMES   3.0 A
    M   305G ELEM FUNCTS AND COORD GEOMETRY   3.0 A

FALL SEMESTER 2004   ENGINEERING
    G E 207R SUPPL INSTRUCTION FOR M 408K   2.0 A
    ASE 102   INTRO TO AEROSPACE ENGINEERING   1.0 B
    PHL 301   INTRODUCTION TO PHILOSOPHY   3.0 A
    CH   301   PRINCIPLES OF CHEMISTRY I   3.0 A
    M   408K DIFFERENTIAL CALCULUS   4.0 A
HRS UNDERTAKEN 13   HRS PASSED 13   GPA HRS 13   GR PTS   51.00   GPA 3.9230
UNIVERSITY HONORS FALL SEMESTER 2004

SPRING SEMESTER 2005   ENGINEERING
    GOV 310L AMERICAN GOVERNMENT   3.0 A
    HIS 315K UNITED STATES, 1492-1865   3.0 A
    PSY 301   INTRODUCTION TO PSYCHOLOGY   3.0 A
    M   408L INTEGRAL CALCULUS   4.0 A
    PHY 303K ENGINEERING PHYSICS I   3.0 A
    PHY 103M LABORATORY FOR PHY 303K   1.0 A
HRS UNDERTAKEN 17   HRS PASSED 17   GPA HRS 17   GR PTS   68.00   GPA 4.0000
UNIVERSITY HONORS SPRING SEMESTER 2005

SUMMER SEMESTER 2005   CREDIT BY EXAM
    GER 506   FIRST-YEAR GERMAN I   5.0 CR
    M   316   ELEMENTARY STATISTICAL METHODS   3.0 A

                                              MORE WORK ON NEXT PAGE

Shelby Stanfield, Registrar

THE UNIVERSITY OF TEXAS AT AUSTIN

OFFICE OF THE REGISTRAR, MAIN BLDG. ROOM 1, AUSTIN, TX 78712-1157, (512) 475-7575

FICE CODE: 3658   IPEDS CODE: 228778   ATP CODE: 6882   ACT CODE: 4240

OFFICIAL TRANSCRIPT

```
SUMMER SEMESTER 2005       ENGINEERING
   GOV S312L  ISS AND POLICIES IN AMER GOV            3.0  A
   M   W408M  MULTIVARIABLE CALCULUS                  4.0  A
HRS UNDERTAKEN 7    HRS PASSED 7    GPA HRS 7    GR PTS    28.00   GPA 4.0000


FALL SEMESTER 2005         ENGINEERING
   E E  302   INTRO TO ELEC AND COMP ENGR             3.0  A
   E E  306   INTRODUCTION TO COMPUTING               3.0  B
   M    427K  ADV CALCULUS FOR APPLICATNS I           4.0  A
   PHY  303L  ENGINEERING PHYSICS II                  3.0  A
   PHY  103N  LABORATORY FOR PHY 303L                 1.0  A
HRS UNDERTAKEN 14   HRS PASSED 14   GPA HRS 14   GR PTS    53.00   GPA 3.7857
UNIVERSITY HONORS FALL SEMESTER 2005


SPRING SEMESTER 2006       ENGINEERING
   E E  411   CIRCUIT THEORY                          4.0  A
   E E  312   INTRODUCTION TO PROGRAMMING             3.0  A
   E E  316   DIGITAL LOGIC DESIGN                    3.0  A
   M    325K  DISCRETE MATHEMATICS                    3.0  A
   M    340L  MATRICES AND MATRIX CALCULATNS          3.0  A
HRS UNDERTAKEN 16   HRS PASSED 16   GPA HRS 16   GR PTS    64.00   GPA 4.0000
UNIVERSITY HONORS SPRING SEMESTER 2006


FALL SEMESTER 2006         ENGINEERING
   E E  313   LINEAR SYSTEMS AND SIGNALS              3.0  A
   E E  319K  INTRO TO MICROCONTROLLERS               3.0  A
   E E  322C  DATA STRUCTURES                         3.0  A
   E E  438   ELECTRONIC CIRCUITS I                   4.0  A
HRS UNDERTAKEN 13   HRS PASSED 13   GPA HRS 13   GR PTS    52.00   GPA 4.0000
UNIVERSITY HONORS FALL SEMESTER 2006


SPRING SEMESTER 2007       ENGINEERING
   E E  325   ELECTROMAGNETIC ENGINEERING             3.0  A
   E E  333T  ENGINEERING COMMUNICATION-W             3.0  A
   E E  339   SOLID-STATE ELECTRONIC DEVICES          3.0  A
   E E  351K  PROBABILITY & RANDOM PROCESSES          3.0  A
   E E  366   ENGINEERING ECONOMICS I                 3.0  A
HRS UNDERTAKEN 15   HRS PASSED 15   GPA HRS 15   GR PTS    60.00   GPA 4.0000
UNIVERSITY HONORS SPRING SEMESTER 2007


SUMMER SEMESTER 2007       ENGINEERING
   M    F374  FOURIER AND LAPLACE TRANSFORMS          3.0  A
HRS UNDERTAKEN 3    HRS PASSED 3    GPA HRS 3    GR PTS    12.00   GPA 4.0000


FALL SEMESTER 2007         ENGINEERING
   E E  345S  REAL-TIME DIGITAL SIG PROC LAB          3.0  A
   E E  362K  INTRO TO AUTOMATIC CONTROL              3.0  A
   E E  364D  INTRO TO ENGINEERING DESIGN             3.0  A
   E E  371M  COMMUNICATION SYSTEMS                   3.0  A
   E E  379K  15-INFORMATION THEORY                   3.0  A
HRS UNDERTAKEN 15   HRS PASSED 15   GPA HRS 15   GR PTS    60.00   GPA 4.0000
UNIVERSITY HONORS FALL SEMESTER 2007
```

MORE WORK ON NEXT PAGE

Shelby Stanfield, Registrar

THE UNIVERSITY OF TEXAS AT AUSTIN

OFFICE OF THE REGISTRAR, MAIN BLDG. ROOM 1, AUSTIN, TX 78712-1157, (512) 475-7575

FICE CODE: 3658   IPEDS CODE: 228778   ATP CODE: 6882   ACT CODE: 4240

OFFICIAL TRANSCRIPT

```
SPRING SEMESTER 2008        ENGINEERING
     E E   345L  MICROPROCESSOR APPLICS AND ORG            3.0  A
     E E   351M  DIGITAL SIGNAL PROCESSING                 3.0  A
     E E   371R  DIGITAL IMAGE & VIDEO PROCESS             3.0  A
     E E   372N  TELECOMMUNICATION NETWORKS                3.0  CR
HRS UNDERTAKEN 12   HRS PASSED 12   GPA HRS 9   GR PTS  36.00   GPA 4.0000


FALL SEMESTER 2008          ENGINEERING
     E E   360C  ALGORITHMS                                3.0  A
     E E   360K  INTRO TO DIGITAL COMMUNICATNS             3.0  A
     E E   371C  WIRELESS COMMUNICATIONS LAB               3.0  A
     M     362M  INTRO TO STOCHASTIC PROCESSES             3.0  A
     M     365C  REAL ANALYSIS I                           3.0  A
HRS UNDERTAKEN 15   HRS PASSED 15   GPA HRS 15   GR PTS  60.00   GPA 4.0000
UNIVERSITY HONORS FALL SEMESTER 2008


SPRING SEMESTER 2009        ENGINEERING
     E E   464C  CORPORATE SENIOR DESIGN PROJ-W            4.0  A
HRS UNDERTAKEN 4    HRS PASSED 4    GPA HRS 4   GR PTS  16.00   GPA 4.0000


FALL SEMESTER 2009          GRADUATE SCHOOL
     E E   360N  COMPUTER ARCHITECTURE                     3.0  A
     E E   381J  PROBABIL & STOCHASTIC PROCS I             3.0  A-
     M     383E  NUMERICAL ANLY: LINEAR ALGEBRA            3.0  B+
HRS UNDERTAKEN 9    HRS PASSED 9    GPA HRS 9   GR PTS  33.00   GPA 3.6666


SPRING SEMESTER 2010        GRADUATE SCHOOL
     E E   381K  2-DIGITAL COMMUNICATIONS                  3.0  A-
     E E   381K  6-ESTIMATION THEORY                       3.0  A-
     E E   381S  SPACE-TIME COMMUNICATION                  3.0  A
HRS UNDERTAKEN 9    HRS PASSED 9    GPA HRS 9   GR PTS  34.02   GPA 3.7800


SUMMER SEMESTER 2010        GRADUATE SCHOOL
     E E  W698A  THESIS                                    3.0  CR
HRS UNDERTAKEN 3    HRS PASSED 3    GPA HRS 0   GR PTS   0.00   GPA 0.0000


FALL SEMESTER 2010          GRADUATE SCHOOL
     E E   380K  INTRODUCTION TO SYSTEM THEORY             3.0  B+
     E E   380N  11-OPTIMIZATION IN ENGR SYS               3.0  A
     E E   397G  RESEARCH PROBLEMS                         3.0  A
HRS UNDERTAKEN 9    HRS PASSED 9    GPA HRS 9   GR PTS  33.99   GPA 3.7766


SPRING SEMESTER 2011        GRADUATE SCHOOL
     E E   380L  10-DATA MINING                            3.0  A
     E E   381K  7-INFORMATION THEORY                      3.0  A
     E E   698B  THESIS                                    3.0  CR
HRS UNDERTAKEN 9    HRS PASSED 9    GPA HRS 6   GR PTS  24.00   GPA 4.0000


FALL SEMESTER 2011          GRADUATE SCHOOL
     E E   697C  RESEARCH PROBLEMS                         6.0  CR
     E E   698B  THESIS                                    3.0  CR
HRS UNDERTAKEN 9    HRS PASSED 9    GPA HRS 0   GR PTS   0.00   GPA 0.0000
```

Shelby Stanfield, Registrar

THE UNIVERSITY OF TEXAS AT AUSTIN

OFFICE OF THE REGISTRAR, MAIN BLDG. ROOM 1, AUSTIN, TX 78712-1157, (512) 475-7575

FICE CODE: 3658   IPEDS CODE: 228778   ATP CODE: 6882   ACT CODE: 4240

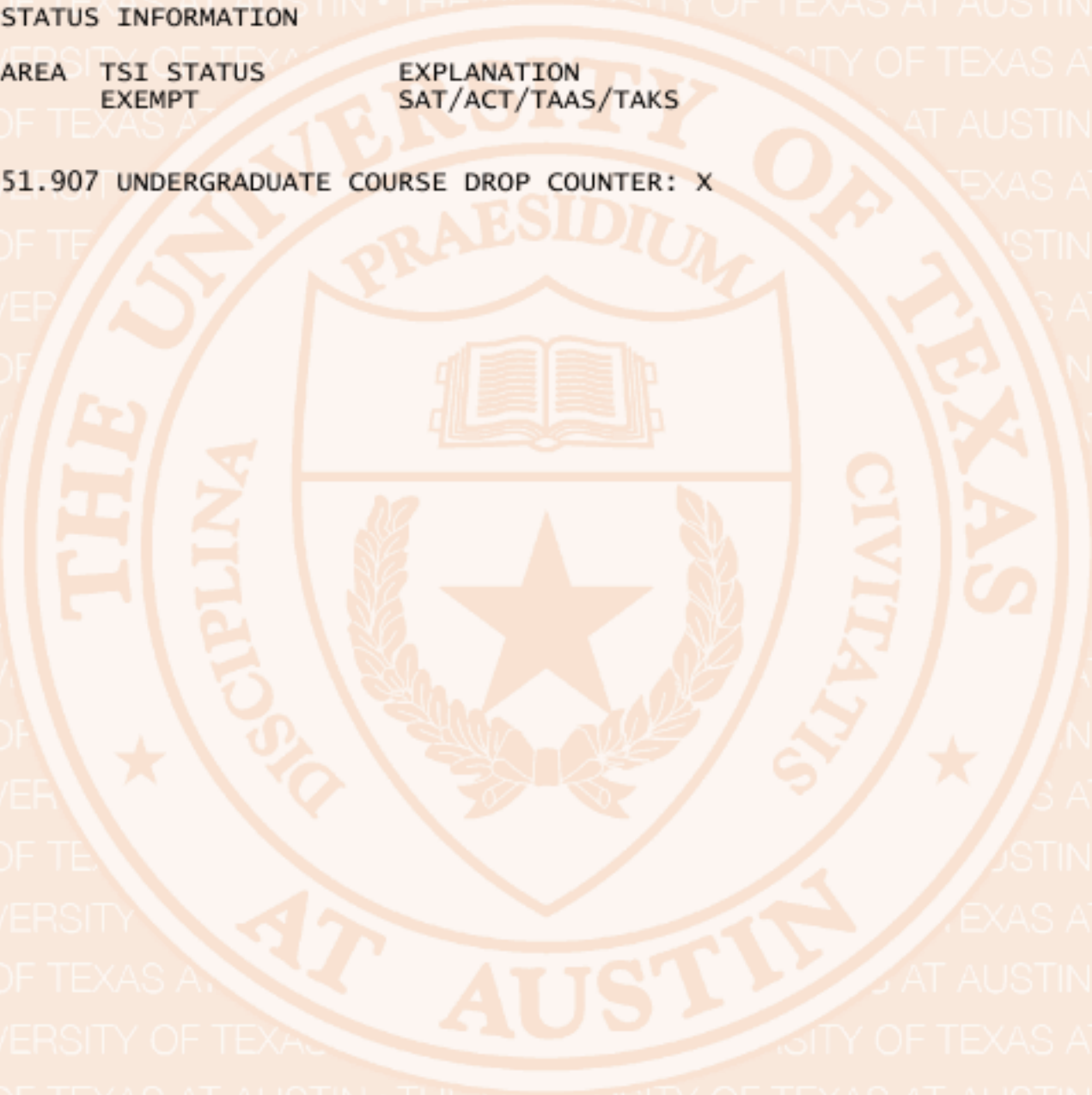## OFFICIAL TRANSCRIPT

CUMULATIVE TOTALS EARNED AS AN UNDERGRADUATE STUDENT AT U.T. AUSTIN
HRS UNDERTAKEN 161   HRS PASSED 161   GPA HRS 153   GR PTS 608.00   GPA 3.9738

CUMULATIVE TOTALS EARNED AS A GRADUATE STUDENT AT U.T. AUSTIN
HRS UNDERTAKEN 48   HRS PASSED 48   GPA HRS 33   GR PTS 125.01   GPA 3.7881

*** E N D O F T R A N S C R I P T ***

TSI STATUS INFORMATION

TSI AREA   TSI STATUS   EXPLANATION
ALL   EXEMPT   SAT/ACT/TAAS/TAKS

TEC 51.907 UNDERGRADUATE COURSE DROP COUNTER: X

Shelby Stanfield, Registrar

THE UNIVERSITY OF TEXAS AT AUSTIN
Office of the Registrar

SEMESTERS, SESSIONS, AND TERMS: An academic year consists of consecutive fall and spring semesters and the following summer session. A semester normally is about sixteen weeks long. The summer session comprises a first term (f) and a second term (s) each six weeks in duration; work also is offered on a nine-week basis (n) and a whole-session or twelve-week basis (w). The same academic credit is given for a course whether it is taken in the long session or the summer session.

ACADEMIC CREDIT: The unit of measure for academic credit is the semester hour. Most courses meet three hours a week in the long-session semester and have a credit value of three semester hours. The same courses meet for seven and one-half hours a week in a six-week summer term and have a credit value of three semester hours. For students enrolled in graduate programs, GPA hours and hours-passed reflect only those graduate-level courses (excluding thesis, dissertation, report, and treatise) and certain in-residence upper-division undergraduate courses taken while the student was enrolled in the Graduate School. Upper-division undergraduate courses taken in the fall of 1999 through the summer session of 2008 are not included.

COURSE NUMBERING SYSTEM: Courses are designated by a three-digit number or a three-digit number with a capital letter affixed. The first digit in the course number indicates the value of the course: 001-099 indicates zero credit value; 101-199 indicates one semester hour credit; 201-299 indicates two semester hours credit; 301-399 indicates three semester hours credit; and so on. The last two digits indicate the rank of the course: 01-19 indicates lower-division rank; 20-79 indicates upper-division rank; and 80-99 indicates graduate rank.

All courses in the School of Law and some courses in the College of Pharmacy are considered professional rank.

Two courses with the same abbreviation and the same last two digits may not both be counted for credit by a student unless the two digits are followed by a capital letter. Some courses may be repeated for credit. Those courses are indicated in the University's catalogs.

PREFIXES AND SUFFIXES: The suffix letters A, B, and X, Y, Z indicate that a part of the course was given. A suffix of A or B divides the course into two parts; X, Y, or Z divides the course into three parts. In each case, the semester-hour credit given for the course is reduced accordingly.

The prefix letters f, s, n, and w indicate the terms of the summer session (see above) in which the course was offered: f indicates first term; s indicates second term; n indicates nine-week session; and w indicates whole session.

For grading systems used prior to 1979, contact the Office of the Registrar.

GRADE		GRADE PTS PER SEM HR
	1979-1980 through 2004-2005	
A	EXCELLENT	4
B	ABOVE AVERAGE	3
C	AVERAGE	2
D	PASS	1
F	FAILURE	0
I	PERMANENT INCOMPLETE (effective fall 1997)	na[1]
X	TEMPORARY DELAY OF FINAL COURSE GRADE	na[1]
CR	CREDIT	na[1]
NC	NO CREDIT	na[1]
*	COURSE IS CONTINUING	na[1]
Q	OFFICIALLY DROPPED THE COURSE	na[1]
W	OFFICIALLY WITHDREW FROM THE UNIVERSITY	na[1]
#	COURSE GRADE NOT REPORTED BY FACULTY	na[1]
S	SATISFACTORY (DEV courses only)	na[1]
U	UNSATISFACTORY (DEV courses only)	na[1]

	2005-2006 to the present	
A	EXCELLENT[3]	4.00
A-		3.67
B+		3.33
B	ABOVE AVERAGE[3]	3.00
B-		2.67
C+		2.33
C	AVERAGE[3]	2.00
C-		1.67
D+		1.33
D		1.00
D-	PASS[3]	0.67
F	FAILURE[3]	0.00
I	PERMANENT INCOMPLETE	na[1]
X	TEMPORARY DELAY OF FINAL COURSE GRADE	na[1]
CR	CREDIT	na[1]
NC	NO CREDIT	na[1]
*	COURSE IS CONTINUING	na[1]

Q	OFFICIALLY DROPPED THE COURSE	na[1]
W	OFFICIALLY WITHDREW FROM THE UNIVERSITY	na[1]
#	COURSE GRADE NOT REPORTED BY FACULTY	na[1]
S	SATISFACTORY (DEV courses only)	na[1]
U	UNSATISFACTORY (DEV courses only)	na[1]

Through the summer session of 2009, plus and minus grades are reserved for graduate, graduate business, and law students enrolled in graduate-level, non-law courses. Beginning fall of 2009, plus and minus grades are valid for all students.

A course dropped by the twelfth class day of a long-session semester (fourth class day of a summer session term) is not entered on the permanent academic record.

Prior to fall 1981, NC grades did not appear on the transcript.

SCHOOL OF LAW

Prior to 1990-1991   1990-1991 - Present

The School of Law employed a numeric grading system with the following alpha equivalents:

	Letter Grade	Grade Points Per Sem Hr. [2]
85 - 100 = A	A+	4.3
75 - 84 = B	A	4.0
65 - 74 = C	A-	3.7
60 - 64 = D	B+	3.3
BELOW 60 = F	B	3.0
	B-	2.7
	C+	2.3
	C	2.0
	D	1.7
	F	1.3

1. na = not applicable to gpa calculation
2. Official grade point averages are not calculated for students in the School of Law.
3. Grade interpretation is applicable to undergraduate students.