

Kushal Parekh
Student ID: 4493430



University of Pittsburgh

Institution: University of Pittsburgh
 4200 Fifth Avenue
 Pittsburgh, PA 15260
 Print Date: 2025/05/05
 Birthdate: 2003/08/02
 Student Address: 128 Aspen Dr
 Sellersville, PA 18960-1659

Beginning of Undergraduate Record

Fall Term 2021-2022

Program: Swanson School of Engineering
 Plan: Undeclared Major

Program: University Honors College
 Plan: Honors College Student Major

| Course | Description | Attempted | Earned | Grade | Points |
|--------------------|--|--------------|--------|-------|--------|
| ENGCOMP 0210 | SEM IN CMPSTN: ENGINEERING | 3.00 | 3.00 | A | 12.000 |
| Course Attributes: | DSAS Seminar in Comp. General Ed. Requirement DSAS Workshop in Comp. General Ed. Requirement | | | | |
| ENGR 0081 | FRESHMAN ENGINEERING SEMINAR 1 | 0.00 | 0.00 | U | 0.000 |
| Course Attributes: | Online | | | | |
| ENGR 0711 | HONORS ENGR ANAL & COMPUTING | 3.00 | 3.00 | A | 12.000 |
| Course Topic: | FREDERICK HONORS COLLEGE | | | | |
| Course Attributes: | David C. Frederick Honors College Course | | | | |
| MATH 0240 | ANALYTIC GEOMETRY & CALCULUS 3 | 4.00 | 4.00 | A | 16.000 |
| Course Attributes: | DSAS Algebra General Ed. Requirement DSAS Quant.-Formal Reason General Ed. Requirement Departmental Final | | | | |
| PHYS 0475 | INTRO PHYS SCIENCE & ENGRG 1 | 4.00 | 4.00 | A | 16.000 |
| Course Topic: | UNIVERSITY HONORS COLLEGE | | | | |
| Course Attributes: | DSAS Natural Science General Ed. Requirement SCI Polymathic Contexts: Science NonSeq.GE. Req. David C. Frederick Honors College Course | | | | |
| PITT 0210 | ANTI-BLACK RACISM | 1.00 | 1.00 | S | 0.000 |
| Term GPA: 4.000 | | Term Totals: | 15.00 | 15.00 | 56.000 |
| Cum GPA: 4.000 | | Cum Totals: | 15.00 | 54.00 | 56.000 |

Academic Standing Effective 2022/01/01: Good Academic Standing

Spring Term 2021-2022

Program: Swanson School of Engineering
 Plan: Undeclared Major

Program: University Honors College
 Plan: Honors College Student Major

| Course | Description | Attempted | Earned | Grade | Points |
|--------------------|--|--------------|--------|-------|---------|
| ENGCOMP 0610 | COMPOSING DIGITAL MEDIA | 3.00 | 3.00 | A | 12.000 |
| Req Designation: | Writing Option | | | | |
| Course Attributes: | DSAS Creative Work General Ed. Requirement Writing Intensive Course (WRIT) SCI Expression: Tech/Bus/Res writing Gen. Ed. Req. SCI Polymathic Contexts: Humanistic GE. Req. | | | | |
| ENGR 0082 | FRESHMAN ENGINEERING SEMINAR 2 | 0.00 | 0.00 | S | 0.000 |
| ENGR 0716 | ART HANDS-ON SYS DSGN ENGR | 3.00 | 3.00 | A+ | 12.000 |
| Course Topic: | UNIVERSITY HONORS COLLEGE | | | | |
| Course Attributes: | David C. Frederick Honors College Course | | | | |
| MATH 0290 | DIFFERENTIAL EQUATIONS | 3.00 | 3.00 | A | 12.000 |
| Course Attributes: | Departmental Final | | | | |
| PHYS 0476 | INTRO PHYS SCIENCE & ENGRG 2 | 4.00 | 4.00 | A | 16.000 |
| Course Topic: | UNIVERSITY HONORS COLLEGE | | | | |
| Course Attributes: | DSAS Natural Science General Ed. Requirement SCI Polymathic Contexts: Science NonSeq.GE. Req. David C. Frederick Honors College Course | | | | |
| PS 0500 | INTERNATIONAL RELATIONS | 3.00 | 3.00 | A | 12.000 |
| Course Attributes: | DSAS Global Issues General Ed. Requirement DSAS Social Science General Ed. Requirement SCI Polymathic Contexts: Global&Cross Cul GE. Req. SCI Polymathic Contexts: Soc/Behav. GE. Req. Asian Studies European and Eurasian Studies Global Studies Mediterranean Studies Transatlantic Studies West European Studies | | | | |
| Term GPA: 4.000 | | Term Totals: | 16.00 | 16.00 | 64.000 |
| Cum GPA: 4.000 | | Cum Totals: | 31.00 | 70.00 | 120.000 |

Academic Standing Effective 2022/05/27: Good Academic Standing

Fall Term 2022-2023

Program: Swanson School of Engineering
 Plan: Electrical Engineering Major

Program: Frederick Honors College
 Plan: David C. Frederick Honors College Student Major

| Course | Description | Attempted | Earned | Grade | Points |
|--------------------|---|--------------|--------|-------|---------|
| CMPINF 0401 | INTERMEDIATE PROGRAMMING | 4.00 | 4.00 | A+ | 16.000 |
| Course Attributes: | DSAS Quant.-Formal Reason General Ed. Requirement | | | | |
| ECE 0101 | LINEAR CIRCUITS & SYSTEMS | 4.00 | 4.00 | A | 16.000 |
| ECE 0201 | DIGITAL CIRCUITS AND SYSTEMS | 4.00 | 4.00 | A | 16.000 |
| ECE 0301 | ECE PROBLEM SOLVING WITH C++ | 3.00 | 3.00 | A | 12.000 |
| ECE 0401 | ECE ANALYTICAL METHODS | 3.00 | 3.00 | A+ | 12.000 |
| Term GPA: 4.000 | | Term Totals: | 18.00 | 18.00 | 72.000 |
| Cum GPA: 4.000 | | Cum Totals: | 49.00 | 91.00 | 192.000 |

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Academic Standing Effective 2023/01/09: Good Academic Standing

Spring Term 2022-2023

Program: Swanson School of Engineering
 Plan: Electrical Engineering Major

Program: Frederick Honors College
 Plan: David C. Frederick Honors College Student Major

| Course | Description | Attempted | Earned | Grade | Points |
|--------------------|--------------------------------|--------------|--------|--------|---------|
| CS 0445 | ALGORITHMS & DATA STRUCTURES 1 | 3.00 | 3.00 | A+ | 12.000 |
| ECE 0102 | MICROELECTRONIC CIRCUITS | 4.00 | 4.00 | A | 16.000 |
| ECE 0202 | EMBED PROCESSORS INTRFAC | 4.00 | 4.00 | A+ | 16.000 |
| Course Attributes: | Hourly Final | | | | |
| ECE 0302 | DATA STRUCTURES AND ALGORITHMS | 3.00 | 3.00 | A+ | 12.000 |
| Course Attributes: | Hourly Final | | | | |
| ECE 0402 | SIGNALS, SYTMS, & PROBABILITY | 3.00 | 3.00 | A | 12.000 |
| ECE 1885 | DEPARTMENTAL SEMINAR | 0.00 | 0.00 | S | 0.000 |
| Term GPA: 4.000 | | Term Totals: | 17.00 | 17.00 | 68.000 |
| Cum GPA: 4.000 | | Cum Totals: | 66.00 | 108.00 | 260.000 |

Academic Standing Effective 2023/05/16: Good Academic Standing

Summer Term 2022-2023

Program: Swanson School of Engineering
 Plan: Electrical Engineering Major

Program: Frederick Honors College
 Plan: David C. Frederick Honors College Student Major

| Course | Description | Attempted | Earned | Grade | Points |
|-----------------|------------------------------|--------------|--------|--------|---------|
| ENGR 1090P | ENGINEERING COOPERTV PROGRAM | 1.00 | 1.00 | S | 0.000 |
| Grading Basis: | LG/SU3 Basis | | | | |
| Term GPA: 0.000 | | Term Totals: | 1.00 | 1.00 | 0.000 |
| Cum GPA: 4.000 | | Cum Totals: | 67.00 | 109.00 | 260.000 |

Academic Standing Effective 2023/10/06: Good Academic Standing

Fall Term 2023-2024

Program: Swanson School of Engineering
 Plan: Electrical Engineering Major

Program: Frederick Honors College
 Plan: David C. Frederick Honors College Student Major

| Course | Description | Attempted | Earned | Grade | Points |
|--------------------|---|--------------|--------|--------|---------|
| ANTH 1761 | PATNTS & HEALERS: MEDCL ANTH 1 | 3.00 | 3.00 | A+ | 12.000 |
| Course Attributes: | DSAS Social Science General Ed. Requirement | | | | |
| | African Studies | | | | |
| | Asian Studies | | | | |
| | Global Studies | | | | |
| | Undergraduate Global Health | | | | |
| ECE 1247 | SEMICONDUCTOR DEVICE THEORY | 3.00 | 3.00 | A | 12.000 |
| ECE 1560 | DIGITAL SIGNAL PROCESSING | 3.00 | 3.00 | A+ | 12.000 |
| ECE 1701 | FUNDMS OF ELECTRIC POWER ENG | 3.00 | 3.00 | A | 12.000 |
| Course Attributes: | MCSI - Sustainability Related | | | | |
| ECE 1885 | DEPARTMENTAL SEMINAR | 0.00 | 0.00 | S | 0.000 |
| ECE 1895 | JUNIOR DESIGN FUNDAMENTALS | 3.00 | 3.00 | A+ | 12.000 |
| Term GPA: 4.000 | | Term Totals: | 15.00 | 15.00 | 60.000 |
| Cum GPA: 4.000 | | Cum Totals: | 82.00 | 124.00 | 320.000 |

Academic Standing Effective 2024/01/05: Good Academic Standing

Spring Term 2023-2024

Program: Swanson School of Engineering
 Plan: Electrical Engineering Major

Program: Frederick Honors College
 Plan: David C. Frederick Honors College Student Major

| Course | Description | Attempted | Earned | Grade | Points |
|--------------------|--|--------------|--------|--------|---------|
| CS 0441 | DISCRETE STRUCTURES FOR CS | 3.00 | 3.00 | A | 12.000 |
| ECE 1188 | CYBER-PHYSICAL SYSTEMS | 3.00 | 3.00 | A+ | 12.000 |
| ECE 1212 | ELECTRONIC CIRCUIT DESIGN LAB | 3.00 | 3.00 | A+ | 12.000 |
| ECE 1259 | ELECTROMAGNETICS | 3.00 | 3.00 | A | 12.000 |
| ECE 1673 | LINEAR CONTROL SYSTEMS | 4.00 | 4.00 | A+ | 16.000 |
| ECE 1885 | DEPARTMENTAL SEMINAR | 0.00 | 0.00 | S | 0.000 |
| ENGR 0501 | MUSIC ENGINEERING LABORATORY | 1.00 | 1.00 | S | 0.000 |
| Course Topic: | FREDERICK HONORS COLLEGE | | | | |
| Course Attributes: | David C. Frederick Honors College Course | | | | |
| Term GPA: 4.000 | | Term Totals: | 17.00 | 17.00 | 64.000 |
| Cum GPA: 4.000 | | Cum Totals: | 99.00 | 141.00 | 384.000 |

Academic Standing Effective 2024/05/22: Good Academic Standing

Summer Term 2023-2024

Program: Swanson School of Engineering
 Plan: Electrical Engineering Major

Program: Frederick Honors College
 Plan: David C. Frederick Honors College Student Major

| Course | Description | Attempted | Earned | Grade | Points |
|--------------------|----------------------------|--------------|--------|--------|---------|
| ENGR 1283 | EXPLORATN ENERGY&ELECTFCTN | 3.00 | 3.00 | A+ | 12.000 |
| Course Attributes: | Study Abroad | | | | |
| Term GPA: 4.000 | | Term Totals: | 3.00 | 3.00 | 12.000 |
| Cum GPA: 4.000 | | Cum Totals: | 102.00 | 144.00 | 396.000 |

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Academic Standing Effective 2024/12/02: Good Academic Standing

Fall Term 2024-2025

Program: Swanson School of Engineering
Plan: Electrical Engineering Major

Program: Frederick Honors College
Plan: David C. Frederick Honors College Student Major

| Course | Description | Attempted | Earned | Grade | Points |
|--|-------------------------------|--------------|--------|--------|---------|
| CS 0447 | COMPUTR ORGZTN & ASSMBLY LANG | 3.00 | 3.00 | A | 12.000 |
| CS 1501 | ALGORITHMS DATA STRUCTURES 2 | 3.00 | 3.00 | A | 12.000 |
| ECE 1147 | ALGORITHMS FOR BIG DATA | 3.00 | 3.00 | A | 12.000 |
| ECE 1390 | INTRO TO IMAGE PROCESSING | 3.00 | 3.00 | A | 12.000 |
| ECE 1771 | ELECTRIC MACHINERY | 3.00 | 3.00 | A | 12.000 |
| Course Attributes: Hourly Final | | | | | |
| ECE 1885 | DEPARTMENTAL SEMINAR | 0.00 | 0.00 | S | 0.000 |
| Course Attributes: Online Synchronous | | | | | |
| ECE 2695 | SPECIAL TOPICS: ADAPTIVE CTRL | 3.00 | 3.00 | A+ | 12.000 |
| Course Topic: INTRODUCTION TO SPACE ENGINEER | | | | | |
| Term GPA: 4.000 | | Term Totals: | 18.00 | 18.00 | 72.000 |
| Cum GPA: 4.000 | | Cum Totals: | 120.00 | 162.00 | 468.000 |

Academic Standing Effective 2025/01/08: Good Academic Standing

Spring Term 2024-2025

Program: Swanson School of Engineering
Plan: Electrical Engineering Major

Program: Frederick Honors College
Plan: David C. Frederick Honors College Student Major

Program: Sch Computing and Information
Plan: Computer Science Minor

| Course | Description | Attempted | Earned | Grade | Points |
|--|---------------------------|--------------|--------|--------|---------|
| ECE 1885 | DEPARTMENTAL SEMINAR | 0.00 | 0.00 | S | 0.000 |
| ECE 1896 | SENIOR DESIGN PROJECT | 3.00 | 3.00 | A+ | 12.000 |
| Course Attributes: Capstone Course | | | | | |
| ECE 1898 | ENGINEERING PROJECT | 3.00 | 3.00 | A | 12.000 |
| ECE 2195 | SPECIAL TOPICS: COMPUTERS | 3.00 | 3.00 | A | 12.000 |
| Course Topic: EXTREME ENVIRONMENT ELECTRONIC | | | | | |
| ECE 2570 | ROBOTIC CONTROL | 3.00 | 3.00 | A | 12.000 |
| Term GPA: 4.000 | | Term Totals: | 12.00 | 12.00 | 48.000 |
| Cum GPA: 4.000 | | Cum Totals: | 132.00 | 174.00 | 516.000 |
| Undergraduate Career Totals | | | | | |
| Cum GPA: 4.000 | | Cum Totals: | 132.00 | 174.00 | 516.000 |

Transfer Credits

Transfer Credit from Montgomery County Community College
Applied Toward Swanson School of Engineering Program

Fall Term 2022-2023

| Course | Description | Attempted | Earned | Grade | Points |
|-------------------------|--------------------------------|------------------|--------|-------|--------|
| MATH 0280 | INTRO TO MATRICES & LINEAR ALG | 3.00 | 3.00 | T | 0.000 |
| Course Trans GPA: 0.000 | | Transfer Totals: | 4.00 | 3.00 | 0.000 |

Test Credits

Test Credits Applied Toward Swanson School of Engineering

Fall Term 2021-2022

| Course | Description | Attempted | Earned | Grade | Points |
|-----------------------|--------------------------------|------------------|--------|-------|--------|
| BIOSC 0050 | FOUNDATIONS OF BIOLOGY LAB 1 | 1.00 | 1.00 | T | 0.000 |
| BIOSC 0150 | FOUNDATIONS OF BIOLOGY 1 | 3.00 | 3.00 | T | 0.000 |
| CHEM 0110 | GENERAL CHEMISTRY 1 | 4.00 | 4.00 | T | 0.000 |
| CHEM 0120 | GENERAL CHEMISTRY 2 | 4.00 | 4.00 | T | 0.000 |
| ENGLIT 0000 | ENGLISH LITERATURE TRANSFER | 3.00 | 3.00 | T | 0.000 |
| ENGLIT 0000 | ENGLISH LITERATURE TRANSFER | 3.00 | 3.00 | T | 0.000 |
| HIST 0600 | UNITED STATES TO 1877 | 3.00 | 3.00 | T | 0.000 |
| HIST 0700 | WORLD HISTORY | 3.00 | 3.00 | T | 0.000 |
| MATH 0220 | ANALYTIC GEOMETRY & CALCULUS 1 | 4.00 | 4.00 | T | 0.000 |
| MATH 0230 | ANALYTIC GEOMETRY & CALCULUS 2 | 4.00 | 4.00 | T | 0.000 |
| PHYS 0174 | BASC PHYS SCI & ENGR 1 (INTGD) | 4.00 | 4.00 | T | 0.000 |
| PSY 0010 | INTRODUCTION TO PSYCHOLOGY | 3.00 | 3.00 | T | 0.000 |
| Test Trans GPA: 0.000 | | Transfer Totals: | 39.00 | 39.00 | 0.000 |

End of Undergraduate Record