

Program Action History:    Electrical & Computer Eng Mas  
06/17/2024    Matriculation  
Electrical & Computer Eng MS / Applied Electromagnetics and RF Circuits

Academic Previous Experience

McMaster University      ON, Canada  
Bachelor of Engineering    06/01/2023

End of Unofficial Transcript

Previous Names:

Ward, William  
Ward, William L

| Fall 2023        |     | Rackham              | Grade | Hours | MSH  | CTP   | MHP   |
|------------------|-----|----------------------|-------|-------|------|-------|-------|
| APPPHYS          | 514 | Appl Phy Sem         | S     | 1.00  | 0.00 | 1.00  | 0.00  |
| EECS             | 540 | Appl Quant Mech I    | A+    | 3.00  | 3.00 | 3.00  | 12.90 |
| PHYSICS          | 505 | Electrdynms/Fields I | A     | 3.00  | 3.00 | 3.00  | 12.00 |
| PHYSICS          | 510 | Stat Mech            | A-    | 3.00  | 3.00 | 3.00  | 11.10 |
| Term Total       |     |                      |       | 10.00 | 9.00 | 10.00 | 36.00 |
| Cumulative Total |     |                      |       |       | 9.00 | 10.00 | 36.00 |

GPA: 4.000  
GPA: 4.000

| Winter 2024      |     | Rackham              | Grade | Hours | MSH   | CTP   | MHP   |
|------------------|-----|----------------------|-------|-------|-------|-------|-------|
| APPPHYS          | 514 | Appl Phy Sem         | S     | 1.00  | 0.00  | 1.00  | 0.00  |
| APPPHYS          | 715 | Ind Research         | A     | 4.00  | 4.00  | 4.00  | 16.00 |
| EECS             | 638 | Quantum Optics       | A     | 3.00  | 3.00  | 3.00  | 12.00 |
| PHYSICS          | 506 | Electrdynms/FieldsII | A+    | 3.00  | 3.00  | 3.00  | 12.90 |
| Term Total       |     |                      |       | 11.00 | 10.00 | 11.00 | 40.90 |
| Cumulative Total |     |                      |       |       | 19.00 | 21.00 | 76.90 |

GPA: 4.000  
GPA: 4.000

| Fall 2024                   |     | Rackham          | Grade | Hours | MSH  | CTP  | MHP  |
|-----------------------------|-----|------------------|-------|-------|------|------|------|
| Elections as of: 11/04/2024 |     |                  |       |       |      |      |      |
| APPPHYS                     | 514 | Appl Phy Sem     |       | 1.00  | 0.00 | 0.00 | 0.00 |
| APPPHYS                     | 990 | Diss-Precand     |       | 4.00  | 0.00 | 0.00 | 0.00 |
| ECE                         | 537 | Classical Optics |       | 3.00  | 0.00 | 0.00 | 0.00 |
| EECS                        | 411 | M-Wave Circ I    |       | 4.00  | 0.00 | 0.00 | 0.00 |
| Elected Term Hours          |     |                  |       | 12.00 |      |      |      |

Academic Statistics for Rackham  
Total to Date      GPA: 4.000

MSH    CTP    MHP  
19.00   21.00   76.90

Program Action History:    Applied Physics Doc  
04/06/2023    Matriculation  
Applied Physics PhD