



# Garrett College & West Virginia University

Associate of Science in Engineering Transfer A.S. leading to  
Bachelor of Science in Electrical Engineering B.S.E.E  
Suggested Plan of Study



| Garrett College                          | Hours | WVU Equivalents                      | Hours |
|--|-------|--------------------------------------|-------|
| <b>Year One, 1<sup>st</sup> Semester</b> |       |                                      |       |
| FYE 101 or FYE 103                       | 1     | WVUE 191                             | 1     |
| CHE 101 (fall only)                      | 4     | CHEM 115 & CHEM 115L                 | 4     |
| ENR 101                                  | 3     | ENGR 101 + ENGR 1TC                  | 3     |
| ENG 101                                  | 3     | ENGL 101                             | 3     |
| MAT 190                                  | 4     | MATH 155                             | 4     |
| <b>TOTAL</b>                             | 15    |                                      | 15    |
| <b>Year One, 2<sup>nd</sup> Semester</b> |       |                                      |       |
| COM 101                                  | 3     | MDS 270                              | 3     |
| ECN 202 (Social & Behavioral Science)    | 3     | ECON 201 (Required)                  | 3     |
| ENR 210 (Major Elective - spring only)   | 3     | EE 221 (Required)                    | 3     |
| ENR 211 (Major Elective - spring only)   | 2     | EE 221L + EE 2TC (Required)          | 2     |
| MAT 191 (spring only)                    | 4     | MATH 156                             | 4     |
| <b>TOTAL</b>                             | 15    |                                      | 15    |
| <b>Year Two, 1<sup>st</sup> Semester</b> |       |                                      |       |
| ENR 240 (Major Elective - fall only)     | 3     | CPE 271 (Required)                   | 3     |
| ENR 241 (Major Elective - fall only)     | 1     | CPE 271L (Required)                  | 1     |
| CIS 170 (fall only)                      | 4     | CS 110 & CS 110L                     | 4     |
| MAT 192 (fall only)                      | 4     | MATH 251                             | 4     |
| PHY 111 (fall only)                      | 4     | PHYS 111 & PHYS 111L                 | 4     |
| <b>TOTAL</b>                             | 16    |                                      | 16    |
| <b>Year Two, 2<sup>nd</sup> Semester</b> |       |                                      |       |
| GER Social & Behavioral Science          | 3     | Social & Behavioral Science Elective | 3     |
| MAT 281 (spring only)                    | 4     | MATH 261                             | 4     |
| ENG 102 (Arts & Humanities)              | 3     | ENGL 102                             | 3     |
| PHY 112 (spring only)                    | 4     | PHYS 112 & PHYS 112L                 | 4     |
| <b>TOTAL</b>                             | 14    |                                      | 14    |

| West Virginia University             |   |                                      |           |
|--------------------------------------|---|--------------------------------------|-----------|
| Summer Prior at WVU                  |   | ENGR 102                             | 3         |
| Year Three, 1 <sup>st</sup> Semester |   | Year Three, 2 <sup>nd</sup> Semester |           |
| EE 223 & EE 223L                     | 4 | STAT 215                             | 3         |
| EE 251 & EE 251L                     | 4 | CPE 310 & CPE 310L                   | 4         |
| Math/Science Elective                | 3 | CSEE 380                             | 1         |
| ENGR Science Elective                | 3 | EE Technical Elective (1)            | 3         |
| Lane Department Elective (1)         | 3 | Lane Department Elective (2)         | 3         |
| <b>TOTAL</b>                         |   | <b>TOTAL</b>                         | <b>14</b> |
| Year Four, 1 <sup>st</sup> Semester  |   | Year Four, 2 <sup>nd</sup> Semester  |           |
| EE 355 & EE 355L                     | 4 | CSEE 481S                            | 3         |
| EE 335 & EE 335L (FA Only)           | 4 | EE 329 (SP Only)                     | 3         |
| EE 345 (FA Only)                     | 3 | Technical Elective (1)               | 3         |
| EE 327 (FA Only)                     | 3 | Technical Elective (2)               | 3         |
| CSEE 480S                            | 2 | General Elective                     | 3         |
| <b>TOTAL</b>                         |   | <b>TOTAL</b>                         | <b>15</b> |

Garrett College Note: Students entering the program who are not Calculus-ready must also complete MAT105 College Algebra and MAT110 Pre-Calculus.\*ADDITIONAL GC GRADUATION REQUIREMENTS: Must achieve a grade of "C" or better in all computer science, engineering, mathematics, and natural/physical science courses.

Students must have a cumulative GPA of 2.25 in all college coursework attempted, and a C- or better in MAT 190 (WVU MATH 155), CHE 101 (WVU CHEM 115), ENG 101 (WVU ENGL 101), ENR 100 (WVU ENGR 101), and ENGR 102 (online or summer prior at WVU) to be admitted directly to the Electrical Engineering Program at the Statler College of Engineering and Mineral Resources upon transferring to West Virginia University to ensure this pathway.

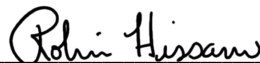
Students transferring to West Virginia University with an Associate of Arts or Associate of Science degree will have satisfied the General Education Foundation requirements at WVU.

Students who have questions regarding this articulation agreement or the transferability of coursework may contact the WVU Office of the University Registrar. All other questions should be directed to the WVU Office of Admissions.

The above transfer articulation of credit between West Virginia University and Garrett College, is approved by the Dean, or the Dean's designee, and effective the date of the signature.

Robin Hissam

Print Name



Signature

08/02/2024

Date

Robin Hissam, Ph.D. Associate Dean for Academic Affairs – Statler College of Engineering and Mineral Resources