

WVU Tech Electrical Engineering B.S.E.E.

Virginia's Community Colleges & West Virginia University Tech



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



Virginia's Community Colleges	Hours	WVU Tech Equivalent	Hours
Year One, 1st Semester			
SDV 100 or SDV 101	1-2	WVU 191	1
ENG 111	3	ENGL 101 (Required)	3
*MTH 263 (Math Course; Must earn C or better)	4	MATH 155 (Required)	4
CHM 111 (Transfer Elective)	4	CHEM 115 & CHEM 115L (Required)	4
Any UCGS Art or Humanities Course	3	GEF - Elective	3
TOTAL	15-16	TOTAL	15
Year One, 2nd Semester			
ENG 112	3	ENGL 102 (Required)	3
*MTH 264 (Gen Ed)	4	MATH 156 (Required)	4
HIS 111 or HIS 112 or HIS 121 or HIS 122 (History Course)	3	GEF - HIST 179 or HIST 180 or HIST 152 or HIST 153	3
Waived due to prior EE experience	1	EE 101 (Required)	1
EGR125	4	CS 121 and CS 121L	4
TOTAL	16	TOTAL	15
Year Two, 1st Semester			
MTH 265 (Major Requirement)	4	MATH 251 (Required)	4
EGR 271	4	EE 221 & EE 221L	4
EGR 122	3	ENGR 111	3
PHY 241 (Natural Science; Must earn C or better)	4	PHYS 111 & PHYS 111L (Required)	4
TOTAL	18	TOTAL	15
Year Two, 2nd Semester			
MTH 267 (Major Requirement)	3	MATH 261 (Required)	3
PHY 242 (Gen Ed)	4	PHYS 112 & PHYS 112L (Required)	4
EGR 270	4	CPE 271 and CPE 271L	4
Any UCGS Art, Humanities, or Literature course (must be from different category than previous course)	3	GEF - Elective	3
EGR 121 (Major Requirement)	2	ENGR 401	1
TOTAL	16	TOTAL	15
*Students who need to complete the required prerequisite for MTH 263 should use the "Transfer Elective" slot to complete their math sequence.			

West Virginia University Tech			
Year Three, 1 st Semester		Year Three, 2 nd Semester	
EE 223	3	EE 327	3
EE 223L	1	EE 411	3
EE 365	3	EE 412L	1
EE 366	1	EE 335	3
WRIT 305	3	EE 335L	1
CPE 320	3	MATH 441	3
CPE 320L	1	EE/CPE Elective	3
TOTAL	15	TOTAL	17
Year Four, 1 st Semester		Year Four, 2 nd Semester	
EE 480	3	EE 481	3
EE 461	3	EE 329	3
EE 436	3	EE 400 (Community Service)	0
EE 448	3	ECON 201	3
EE 345	3	Technical Elective	3
		EE/CPE Elective	3
TOTAL	15	TOTAL	15

Students must have a cumulative GPA of 2.00 in all college coursework attempted, and a C- or better in MTH 263 (WVU MATH 155), and EGR 271 (WVU EE 221) to be admitted directly to the Electrical Engineering Program at the Leonard C. Nelson School of Engineering upon transferring to West Virginia University Institute of Technology to ensure this pathway.

Students who have questions about admission into their intended program, GEF requirements, or any other issue relating to academics at West Virginia University Institute of Technology should contact the Registrar's Office, or their intended department of study at WVUIT

The above transfer articulation of credit between West Virginia University Institute of Technology and Virginia's Community Colleges, is approved by the VP of Academic Affairs, and the School Chair or their designee, and effective the date of the signature.

Kenan HATIPOGLU  06/15/2026

Print Name Signature Date

Kenan Hatipoglu Ph.D. Chair of the Leonard C. Nelson School of Engineering at West Virginia University Institute of Technology

Tamara Floyd Smith  06/15/2026

Print Name Signature Date

Tamara Floyd-Smith Ph.D. Vice President of Academic Affairs at West Virginia University Institute of Technology