

Cleveland State University
Washkewicz College of Engineering
Bachelor of Science Electronics Engineering Technology (BSEET)

Curriculum Sheet (Effective Fall 2025)

Fall Semester	Cr.	Type	Spring Semester	Cr.	Type
ENG 100 Intensive College Writing, or ENG 101 College Writing I	3	FYV	ENG 102 Technical Writing and Prof. Comm., or ESC 102 College Writing II	3	RPW
MTH 148 Math for Business Majors I ¹	3	FQR	MTH 149 Math for Business Majors II	4	FQR
GET 255 Introduction to Robotics	3		PHY 221 College Physics	5	SI
EET 205 DC Circuits	3		EET 207 AC Circuits	3	
INQ 170 Engineering Launch	3	IL			
Semester Total	15		Semester Total	15	

Fall Semester	Cr.	Type	Spring Semester	Cr.	Type
EET 201 Fundamentals of Electronics	3		EET 202 Fundamentals of Digital Systems	3	
GET 240 Programmable Logic Controllers	3		GET 315 Adv Programming Methods	3	
GET 285 Science of Alt Energy Communications Elective	3		CHM 251 College Chemistry I	3	SI
Core Curriculum Elective ²	3		CHM 256 College Chemistry Lab I	1	SIL
			Business Elective	3	
			Core Curriculum Elective ²	3	
Semester Total	15		Semester Total	16	

Fall Semester	Cr.	Type	Spring Semester	Cr.	Type
MTT 300 Applied Math	3		MTT 301 Advanced Applied Math	3	
EET 315 Microprocessors & Digital System Design	3		EET 320 Embedded Microprocessor	3	
EET 316 Microprocessors & Digital System Design Lab	1		EET 330 Advanced Circuit Analysis	3	
PHY 215 Technology Ethics	3	HCC	EET 430 Application of FPGAs & VHDL	3	
GET 310 Computer Systems Technology	3		Program Technical Elective	3	
Core Curriculum Elective ²	3				
Semester Total	16		Semester Total	15	

Fall Semester	Cr.	Type	Spring Semester	Cr.	Type
EET 410 Power Electronic Systems	3		GET 444 HMI Applications for PLCs	3	
EET 411 Power Electronics Systems Lab	1		EET 440 Feedback Control Systems	3	WAC
EET 415 Electronic Circuits, Signals & Systems	3		EET 441 Feedback Control Systems Lab	1	
EET 416 Electronic Circuits, Signals & Systems Lab	1		EET 480 Senior Design B	3	CAP
EET 460 Senior Design A	1	SPAC	Program Technical Elective	3	
Program Technical Elective	3				
Core Curriculum Elective ²	3				
Semester Total	15		Semester Total	13	

Total EET Degree Hours = 120

Notes and Key

Core Curriculum Key: IL = Inquiry Launch, FYV = Finding Your Voice, RPW = Research & Professional Writing, AAHC = African-American History and Culture, FQR = Formal & Quantitative Literacy, HCC = Human Culture & Creativity, GHP = Global Human Perspectives, SHB = Society & Human Behavior, SI = Scientific Inquiry, SIL = Scientific Investigations (Lab), DS = Diverse Society, DDL = Data & Digital Literacy, CAP = Capstone, SPAC = Speaking Across the Curriculum, WAC = Writing Across the Curriculum

1: MTH 165 and MTH 167 also satisfy this requirement

2: Core Curriculum Electives include one each of AAHC, GHP, SHB, DS

University Requirement of Foreign Language must be met by either successfully completing two (2) years of the same language in high school; or two (2) semesters of the same language in college; or passing CSU's language placement test in reading, writing, and speaking of a second language other than English.

This information is provided solely for the convenience of the reader, and the University disclaims any liability which may otherwise be incurred. This publication is neither a contract nor an offer to make a contract. While every effort has been made to ensure accuracy, the University reserves the right to make changes at any time with respect to course offerings, degree requirements, services provided, and any other subject addressed here.

Cleveland State University
Washkewicz College of Engineering
Bachelor of Science Electronics Engineering Technology (BSEET)
Co-Op Curriculum Sheet (Effective Fall 2025)

First Year									
Fall Semester			Spring Semester			Summer Semester			
Cr.	Type		Cr.	Type		Cr.	Type		
3	FYV	ENG 100 Intensive Writing, or ENG 101 College Writing I	3	RPW	ENG 102 Tech Writing and Prof. Comm., or ESC 102 College Writing II				
3	FQR	MTH 148 Math for Business Majors I ¹	4	FQR	MTH 149 Math for Business Majors II				
3		GET 255 Intro to Robotics	5	SI	PHY 221 College Physics				
3		EET 205 DC Circuits	3		EET 207 AC Circuits				
3	IL	INQ 170 Engineering Launch							
Semester Total			15		Semester Total			15	
Semester Total			0		Semester Total			0	

Second Year									
Fall Semester			Spring Semester			Summer Semester			
Cr.	Type		Cr.	Type		Cr.	Type		
3		EET 201 Fundamentals of Electronics	3		EET 202 Fundamentals of Digital Systems	1		ESC 400 Co-Op ³	
3		GET 240 Programmable Logic Controllers	3		GET 315 Adv Programming Methods				
3		GET 285 Science of Alt Energy Communications Elective	3	SI	CHM 251 College Chemistry I				
3		Core Curriculum Elective ²	1	SIL	CHM 256 College Chemistry Lab I				
1		ESC 130 Co-op Orientation	3		Business Elective				
Semester Total			16		Semester Total			13	
Semester Total			1		Semester Total			1	

Third Year									
Fall Semester			Spring Semester			Summer Semester			
Cr.	Type		Cr.	Type		Cr.	Type		
3		MTT 300 Applied Math	1		ESC 300/400 Co-Op ³				
3		EET 315 Microprocessors & Digital Sys Design							
1		EET 316 Microprocessors & Digi Sys Design Lab							
3	HCC	PHY 215 Technology Ethics							
3		GET 310 Computer Systems Technology							
3		Core Curriculum Elective ²							
Semester Total			16		Semester Total			1	
Semester Total			0		Semester Total			0	

Fourth Year									
Fall Semester			Spring Semester			Summer Semester			
Cr.	Type		Cr.	Type		Cr.	Type		
1		ESC 300/400 Co-Op ³	3		MTT 301 Advanced Applied Math				
			3		EET 320 Embedded Microprocessor Sys				
			3		EET 330 Advanced Circuit Analysis				
			3		EET 430 Application of FPGAs & VHDL				
			3		Program Technical Elective				
Semester Total			1		Semester Total			15	
Semester Total			0		Semester Total			0	

Fifth Year									
Fall Semester			Spring Semester			Summer Semester			
Cr.	Type		Cr.	Type		Cr.	Type		
3		EET 410 Power Electronic Systems	3		GET 444 HMI Applications for PLCs				
1		EET 411 Power Electronics Systems Lab	3		EET 440 Feedback Control Systems				
3		EET 415 Electronic Circuits, Signals & Systems	1	WAC	EET 441 Feedback Control Systems Lab				
1		EET 416 Electronic Circuits, Signals & Sys Lab	3	CAP	Senior Design B				
1	SPAC	EET 460 Senior Design A	3		Core Curriculum Elective ²				
3		Program Technical Elective							
3		Core Curriculum Elective ²							
Semester Total			15		Semester Total			13	
Semester Total			0		Semester Total			0	

Total EET + Co-Op Degree Hours = 121

Notes and Key								
Core Curriculum Key: IL = Inquiry Launch, FYV = Finding Your Voice, RPW = Research & Professional Writing, AAHC = African-American History and Culture, FQR = Formal & Quantitative Literacy, HCC = Human Culture & Creativity, GHP = Global Human Perspectives, SHB = Society & Human Behavior, SI = Scientific Inquiry, SIL = Scientific Investigations (Lab), DS = Diverse Society, DDL = Data & Digital Literacy, CAP = Capstone, SPAC = Speaking Across the Curriculum, WAC = Writing Across the Curriculum								
¹ : MTH 165 and MTH 167 also satisfy this requirement								
² : Core Curriculum Electives include one each of AAHC, GHP, SHB, DS								
³ : ESC 300 is six (6) credits, but it will only be charged as one (1) credit for tuition and will only count as one (1) credit toward the degree, as a technical elective credit. ESC 400 will be charged as one (1) credit for both tuition and toward the degree, as a technical elective credit.								
University Requirement of Foreign Language must be met by either successfully completing two (2) years of the same language in high school; or two (2) semesters of the same language in college; or passing CSU's language placement test in reading, writing, and speaking of a second language other than English.								

This information is provided solely for the convenience of the reader, and the University disclaims any liability which may otherwise be incurred. This publication is neither a contract nor an offer to make a contract. While every effort has been made to ensure accuracy, the University reserves the right to make changes at any time with respect to course offerings, degree requirements, services provided, and any other subject addressed here.