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

Curriculum Sheet (Effective Fall 2025)

First Year						
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**	

Second Year						
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	3			CHM 251 College Chemistry I	3	SI
Communications Elective	3			CHM 256 College Chemistry Lab I	1	SIL
Core Curriculum Elective[2]	3			Business Elective	3	
				Core Curriculum Elective[2]	3	
Semester Total	**15**			**Semester Total**	**16**	

Third Year						
Fall Semester	**Cr.**	**Type**		**Spring Semester**	**Cr.**	**Type**
MTT 300 Applied Math	3			MTT 301 Advanced Applied Math	3	
EET 315 Microproc & Digital System Design	3			EET 320 Embedded Microprocessor	3	
EET 316 Microproc & Digital System Design Lab	1			EET 330 Advanced Circuit Analysis	3	
PHL 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**	

Fourth Year						
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 Credit Hours = 120						

* INQ 170 is required for all engineering, technology, and computer science majors, and meets the Core Curriculum requirement for Inquiry Launch. ESC 120 is required in place of INQ 170 in the following cases: (a) transfer students; however, those who have had co-op experience in engineering/computer science and/or have transferred 12 credits of engineering/computer science courses can petition to waive ESC 120; (b) students who, as freshmen at CSU, started in another major and completed an Inquiry Launch course different from INQ 170; (c) Honors students who take the Honors Inquiry Launch course. Neither INQ 170 nor ESC 120 is required for transfer students with an Associates of Applied Science degree.

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.

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

First Year

Fall Semester	Cr.	Type	Spring Semester	Cr.	Type	Summer Semester	Cr.	Type
ENG 100 Intensive Writing, or ENG 101 College Writing I	3	FYV	ENG 102 Tech 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 Intro 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**		**Semester Total**		

Second Year

Fall Semester	Cr.	Type	Spring Semester	Cr.	Type	Summer Semester	Cr.	Type
EET 201 Fundamentals of Electronics	3		EET 202 Fundamentals of Digital Systems	3		ESC 400 Fenn Co-op Education Exper	1	
GET 240 Programmable Logic Controllers	3		GET 315 Adv Programming Methods	3				
GET 285 Science of Alt Energy	3		CHM 251 College Chemistry I	3	SI			
Communications Elective	3		CHM 256 College Chemistry Lab I	1	SIL			
Core Curriculum Elective[2]	3		Business Elective	3				
ESC 130 Engineering & Comp Sci Career Prep	1							
Semester Total	**16**		**Semester Total**	**13**		**Semester Total**		

Third Year

Fall Semester	Cr.	Type	Spring Semester	Cr.	Type	Summer Semester	Cr.	Type
MTT 300 Applied Math	3		ESC 400 Fenn Co-op Education Exper	1				
EET 315 Microprocessors & Digital Sys Design	3							
EET 316 Microprocessors & Digi Sys Design Lab	1							
PHY 215 Technology Ethics	3	HCC						
GET 310 Computer Systems Technology	3							
Core Curriculum Elective[2]	3							
Semester Total	**16**		**Semester Total**			**Semester Total**		

Fourth Year

Fall Semester	Cr.	Type	Spring Semester	Cr.	Type	Summer Semester	Cr.	Type
ESC 400 Fenn Co-op Education Exper	1		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	3				
Semester Total			**Semester Total**	**15**		**Semester Total**		

Fifth Year

Fall Semester	Cr.	Type	Spring Semester	Cr.	Type	Summer 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				
EET 415 Electronic Circuits, Signals & Systems	3		EET 441 Feedback Control Systems Lab	1	WAC			
EET 416 Electronic Circuits, Signals & Sys Lab	1		Senior Design B	3	CAP			
EET 460 Senior Design A	1	SPAC	Core Curriculum Elective[2]	3				
Program Technical Elective	3		Program Technical Elective**	3				
Core Curriculum Elective[2]	3							
Semester Total	**15**		**Semester Total**	**16**		**Semester Total**		

Total Credit Hours = 121

* INQ 170 is required for all engineering, technology, and computer science majors, and meets the Core Curriculum requirement for Inquiry Launch. ESC 120 is required in place of INQ 170 in the following cases: (a) transfer students; however, those who have had co-op experience in engineering/computer science and/or have transferred 12 credits of engineering/computer science courses can petition to waive ESC 120; (b) students who, as freshmen at CSU, started in another major and completed an Inquiry Launch course different from INQ 170; (c) Honors students who take the Honors Inquiry Launch course. Neither INQ 170 nor ESC 120 is required for transfer students with an Associates of Applied Science degree.

** Completion of three ESC 300/400 Co-op semesters may be chosen to count in place of a Program Technical Elective.

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.