ZANE STATE COLLEGE

Electrical Engineering Technology in Protection and Control (BSET)
Course of Study 2022-2023

Summer II				
Course ID	**Course Name**	**T/B/G**	**Credits**	**Ck off**
PHIL 1020	Introduction to Ethics	G	3	
PHYS 2020	Physics II	G	4	
	Total:		**7**	

Fall III				
Course ID	**Course Name**	**T/B/G**	**Credits**	**Ck off**
EEET 3000	Introduction to Electric Utility Industry	T	2	
EEET 3100	Introduction to Protection Systems	T	2	
EEET 3150	Workplace Skills Seminar	T	1	
EEET 3200	Electric Utility Print Reading	T	2	
EEET 3250	Electric Utility Safety	T	1	
MATH 2510	Calculus I	G	5	
	Total:		**13**	

Spring III				
Course ID	**Course Name**	**T/B/G**	**Credits**	**Ck off**
EEET 3300	Substation Design and Construction	T	3	
EEET 3340	Three-Phase Circuit Phasor Analysis	T	3	
EEET 3400	Generation, Transmission, and Distrbution	T	2	
EEET 3450	High Voltage Power Circuit Breakers	T	2	
MATH 2520	Calculus II	G	5	
	Total:		**15**	

Summer III				
Course ID	**Course Name**	**T/B/G**	**Credits**	**Ck off**
	Total:			

Fall IV				
Course ID	**Course Name**	**T/B/G**	**Credits**	**Ck off**
EEET 4100	Protective Relaying I	T	4	
EEET 4150	High Voltage Power Transformers	T	3	
EEET 4350	Substation Communications	T	3	
ITCS 2090	Project Management Methodologies	B	3	
	Total:		**13**	

Spring IV				
Course ID	**Course Name**	**T/B/G**	**Credits**	**Ck off**
EEET 4200	Metering and Energy Management	T	2	
EEET 4300	Industrial Equipment Protection	T	3	
EEET 4400	Protective Relaying II	T	4	
EEET 4500	Protection and Control Capstone	T	3	
	Total:		**12**	

Optional Coursework-See Program Advisor.		
EEET 3500	Work Based Learning	1-4

NOTE: Students will first ocmplete Zane State College's Electrical/Electronics Engineering Technology (EEET) two-year associate's degree program or transfer in with a qualifying equivalent degree. Then, BSET students proceed to upper level courses on this course of study.