

THE NECE IS A NERC APPROVED CE PROVIDER

The National Energy Center of Excellence at Bismarck State College delivers convenient programs to meet NERC certification requirements for system operators and dispatchers.

Consider the benefits:

- Very cost effective - compare BSC to other NERC CEH providers and see for yourself!
- Available online saving travel time and costs
- Flexible schedule
- Customized training plans designed for your NERC CEH needs
- Qualified instructor-led courses with curriculum developed by the industry, for the industry
- CEHs are posted in the SOCCED at successful course completion



Credit Courses – Electrical Transmission Systems Technology (ETST) Program

Course	Title	Credits	# of CE Hours	Standard Hours	Operating Topic Hours	Simulation Hours
ENRT 106	DC Fundamentals	2	45		45	4
ENRT 108	AC Fundamentals	3	45		45	10
ETST 250	Electrical Generation Theory	4	41		41	3
ETST 254	Substations	3	42		42	
ETST 256	Transformers	3	46		46	6
ETST 258	Protective Relaying	4	55		55	4
ETST 260	Electrical Diagram Interpretation	2	31		31	
ETST 262	Power System Operations	3	31	10	31	
ETST 266	Interconnected System Operations	3	47	4	47	
ETST 268	Power Flow	3	40		40	3
ETST 270	System Operator Work Practices	3	40	15	40	
ETST 272	Power System Safety	3	38		38	1
ETST 274	SCADA Systems & Communications	3	44	2	44	
ETST 276	Power System Economics Concepts	3	48	3	48	1
ETST 278	Power System Emergency Concepts	3	49	42	49	
ETST 280	Reliability Policies & Procedures	3	54	50	54	

NERC Continuing Education Hours Courses only

Title	# of CE Hours	Standard Hours	Operating Topic Hours	Simulation Hours
Emergency Operations Section 1	12	4	12	0.5
Emergency Operations Section 2	12		12	0.5
Emergency Operations Section 3	12		12	0.5
NERC Standards Section 1	12	12	12	
NERC Standards Section 2	7	7	7	
NERC Standards Section 3	12	12	12	
Power System Operations 1	6		6	6
Power System Operations 2	8		8	8
Basic Electrical Theory	7		7	3
Switchman Training	9	1	9	7
Power Control 1	8		8	8
Power Control 2	6		6	6



BISMARCK
STATE COLLEGE

North Dakota's
Polytechnic Institution

NERC

NORTH AMERICAN ELECTRIC
RELIABILITY CORPORATION

BSC (BSC_001) is recognized by the North American Electric Reliability Corporation (NERC) as a continuing education provider who adheres to NERC CE Program Criteria.