

Bismarck State College - National Energy Center of Excellence
Cost Per CEH for ETST Credit Courses

Course	Title	Credits	# of CE Hours	Standard Hrs	Operating Topic Hrs	Emergency Operations Hrs	Simulation Hrs	Cost Per Credit Hour	Total Tutition Cost	Cost Per CE
ETST 240	Power Industry Concepts	3	54	2	54			\$ 216.00	\$ 648.00	\$ 12.00
ETST 242	Applied Mathematics for System Operators	2	30		30			\$ 216.00	\$ 432.00	\$ 14.40
ENRT 106	DC Fundamentals	2	35		35			\$ 216.00	\$ 432.00	\$ 12.34
ENRT 108	AC Fundamentals	3	54		54		1	\$ 216.00	\$ 648.00	\$ 12.00
ETST 250	Electrical Generation Theory	4	42		42		2	\$ 216.00	\$ 864.00	\$ 20.57
ETST 254	System Elements I - Substations	3	34		34		0.5	\$ 216.00	\$ 648.00	\$ 19.06
ETST 256	System Elements II - Transformers	3	31		31	5	6	\$ 216.00	\$ 648.00	\$ 20.90
ETST 258	System Elements II - Protective Relaying	3	30		30		0.5	\$ 216.00	\$ 648.00	\$ 21.60
ETST 260	Electrical Diagram Interpretation	2	23		23			\$ 216.00	\$ 432.00	\$ 18.78
ETST 262	Power System Operations	3	30	3	30		0.5	\$ 216.00	\$ 648.00	\$ 21.60
ETST 266	Interconnected System Operations	3	32	3	32			\$ 216.00	\$ 648.00	\$ 20.25
ETST 268	Power Flow	3	28	1	28		1.5	\$ 216.00	\$ 648.00	\$ 23.14
ETST 270	System Operator Work Practices	3	52	10	52	10	1	\$ 216.00	\$ 648.00	\$ 12.46
ETST 272	Power System Safety	3	28		28			\$ 216.00	\$ 648.00	\$ 23.14
ETST 274	Communication & Control Technology	2	24	2	24			\$ 216.00	\$ 432.00	\$ 18.00
ETST 276	Power System Economics	3	46	3	46		1	\$ 216.00	\$ 648.00	\$ 14.09
ETST 278	Power System Emergency	3	32	4	32	32	1	\$ 216.00	\$ 648.00	\$ 20.25
ETST 280	Reliability Policies & Procedures	3	42	42	42	8		\$ 216.00	\$ 648.00	\$ 15.43