

Program: Electrical Transmission Systems Technology

Degree: Associate in Arts or Associate in Applied Science

Program Learning Outcomes:

1. Demonstrate the procedural relationships of the generation, transmission and distribution of DC and AC electricity, the components used and power flow fundamentals
2. Interpret industry’s reliability policies and procedures, safety and emergency issues and the impacts operators’ actions have on the bulk electric system.
3. Describe the role of Systems Operator pertaining to operations, switching, electrical diagram interpretation, communication systems and control strategies.

Assessment Cycle:

	AY 2018-2019	AY 2019-2020	AY 2020-2021	AY 2021-2022
Outcome #1	A ETST 250 Fall and Spring	R	A ETST 250 Fall and Spring	R
Outcome #2	R	A ETST 272 Fall and Spring	R	A ETST 272 Fall and Spring
Outcome #3	R	A ETST 278 Fall and Spring	R	A ETST 278 Fall and Spring
IELO	A ETST 270 Spring 2019	R	A ETST 270 Spring 2019	R

A = Assessment evidence collected

R = Reflect on data, action plan devised, prep year

Program Curriculum Map

	Semester Offered	PROGRAM LEARNING OUTCOMES			IELO
		#1	#2	#3	Problem Solving
ETST 240	Fall, Spring	X	X		
ENRT 106	Fall, Spring, Summer	X			
ENRT 108	Fall, Spring, Summer	X			
ETST 250	Fall, Spring	X, A	X		
ETST 254	Fall, Spring	X	X		
ETST 256	Fall, Spring	X	X		
ETST 258	Fall, Spring	X	X	X	
ETST 260	Fall, Spring			X	
ETST 262	Fall, Spring	X	X	X	
ETST 266	Fall, Spring	X	X	X	
ETST 268	Fall, Spring	X	X	X	
ETST 270	Fall, Spring	X	X	X	A
ETST 272	Fall, Spring		X, A	X	
ETST 274	Fall, Spring		X	X	
ETST 276	Fall, Spring	X	X		
ETST 278	Fall, Spring		X	X, A	
ETST 280	Fall, Spring		X	X	
General Education Courses	Fall, Spring, Summer				

X = Material introduced, reinforced, and/or opportunity to practice

A = Assessment evidence collected (e.g., lab activity, exam, paper, assignment, etc.)