

Name: \_\_\_\_\_

Date: 3/6/2024

ID: \_\_\_\_\_



## Electrical Transmission Systems Technology Program Certificate

Unofficial Advising Worksheet\* 2024-2025

Prescribed Technical Program Total	51
<b>Total Degree Credits</b>	<b>51</b>

Semester I (Fall/Spring)				Completed
<b>Prescribed Technical Program Requirements</b>				
ETST	240	Power Industry Concepts	3	
ENRT	106	DC Fundamentals (also offered in summer)	2	
ENRT	108	AC Fundamentals (also offered in summer)	3	
ETST	250	Electrical Generation Theory	4	
			<b>Total Credits</b>	<b>12</b>

Semester II (Fall/Spring)				Completed
<b>Prescribed Technical Program Requirements</b>				
ETST	254	Substations	3	
ETST	256	Transformers	3	
ETST	258	Protective Relaying	4	
ETST	260	Electrical Diagram Interpretation	2	
			<b>Total Credits</b>	<b>12</b>

Semester III (Fall/Spring)				Completed
<b>Prescribed Technical Program Requirements</b>				
ETST	262	Power System Operations	3	
ETST	266	Interconnected System Operations	3	
ETST	268	Power Flow	3	
ETST	270	System Operator Work Practices	3	
			<b>Total Credits</b>	<b>12</b>

Semester IV (Fall/Spring)				Completed
<b>Prescribed Technical Program Requirements</b>				
ETST	272	Power System Safety	3	
ETST	274	SCADA Systems and Communication	3	
ETST	276	Power System Economics	3	
ETST	278	Power System Emergency Concepts	3	
ETST	280	Reliability Policies & Procedures	3	
			<b>Total Credits</b>	<b>15</b>

\*Unofficial advising worksheet used for planning purposes only