

# ELECTRICAL TRANSMISSION SYSTEMS TECHNOLOGY

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## Program Certificate Checklist

- Fulfill the College Degree Requirements in conjunction with this degree plan.
- Consult an Academic Advisor to ensure all academic requirements are met.

## Summary

Total Credits

51

## Degree Plan

### Prescribed Program

ETST 240	Power Industry Concepts	3
ENRT 106	DC Fundamentals	2
ENRT 108	AC Fundamentals	3
ETST 250	Electrical Generation Theories	4
ETST 254	Substations	3
ETST 256	Transformers	3
ETST 258	Protective Relaying	4
ETST 260	Electrical Diagram Interpretation	2
ETST 262	Power System Operations	3
ETST 266	Interconnected System Operations	3
ETST 268	Power Flow	3
ETST 270	System Operator Work Practices	3
ETST 272	Power System Safety	3
ETST 274	SCADA Systems & Communication	3
ETST 276	Power System Economics	3
ETST 278	Power System Emergency Concepts	3
ETST 280	Reliability Policies and Procedures	3
<b>Total Credits</b>		<b>51</b>