

Course Schedule for the School of Engineering & Applied Science Transmission and Distribution Engineering

Fall 2025

Course #	Title	Semester	Recommended Prerequisite	Recommended Eng Background	Credits
556	Engineering Leadership (16-weeks)	Full Fall		Any Eng. Degree	3
541	Distribution Sys Design	Fall A	641	Electrical Eng	3
549	T-Line Design – Structures & Foundations**	Fall A		Any Eng. Degree	3
543	Electrical Grid Operations	Fall B		Any Eng. Degree	3
547	Underground System Design	Fall B		Any Eng. Degree	3
553	System Automation	Fall B	541, 641	Electrical Eng	3
501	Foundations of T-Line Components*	Fall B		Non-Civil	2*

*does not count towards certificate or degree

** every other Fall A

Spring 2026

Course #	Title	Semester	Recommended Prerequisite	Recommended Eng Background	Credits
540	T-Line Design: Introduction	Spring A		Civil Eng	3
641	Power System Analysis	Spring A		Electrical Eng	3
551	Renewables & Grid Integration	Spring A		Any Eng. Degree	3
542	Substation Design	Spring B		Any Eng. Degree	3
545	System Protection	Spring B	641	Electrical Eng	3
544	Project Develop. & Construc. Methods	Spring B		Any Eng. Degree	3

* every other Spring B

Summer 2026

Course #	Title	Semester	Recommended Prerequisite	Recommended Eng Background	Credits
521	Utility Communications	Summer		Any Eng. Degree	3
500	Foundations of Power Systems*	Summer		Non-EE	3*

* does not count towards certificate or degree

updated June 22, 2025