

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

### Fall 2022

Course #	Title	Semester	Prereq.	Eng Background	Credits
556	Engineering Leadership (16-weeks)	Fall I & II	METD only	Any	3
500	Essential Foundations of Power Systems	Fall I		Non-Electrical	3*
541	Electrical Distribution System Design	Fall I		Electrical Eng	3
548	T-Line Design – Electrical Aspects	Fall I		Any	3
549	T-Line Design – Structures & Foundations	Fall I	540, 640	Civil Eng	3
501	Essential Foundations of T-Line Components	Fall II		Non-Civil	2*
543	Electrical Grid Operations	Fall II		Electrical Eng	3
547	Underground System Design	Fall II		Any	3
553	System Automation	Fall II		Electrical Eng	3

\* does not count towards certificate or degree

### Spring 2023

Course #	Title	Semester	Prereq.	Eng Background	Credits
540	T-Line Design – Introduction	Spring I		Civil Eng	3
641	Power System Analysis	Spring I		Electrical Eng	3
680	Sp Topic - Alternative & Renewable Energy Sources	Spring I		Any	3
521	Utility Communications	Spring II		Any	3
542	Substation Design	Spring II		Any	3
640**	T-Line Design – Advanced	Spring II	540	Civil Eng	3

\*\* every other Spring II

### Summer 2023

Course #	Title	Semester	Prereq.	Eng Background	Credits
544	Project Development & Construction Methods	Summer		Any	3

updated July 22, 2022