Western Nebraska Community College

Powerline Construction & Maintenance Technology

Recommended Plan of Study
2022-2023

Certificate

WNCC offers certificate, diploma, and an Associate of Applied Science (AAS) degree options in the area of powerline construction & maintenance technology. The certificate pathway.requires 51 hours of credit. It is designed as a standalone program or can be used to fulfil 51 credit hours for the diploma or AAS degree program

1st Semester (summer)

AMDT-1000	OSHA 10 for General Industry	1
TRAN-1100	Commercial Driver's License (CDL Class B)	2
UTIL-1100	Introduction to Power Line Basics and Safety	3.5
UTIL-1200	Basic Climbing	2.5
UTIL-1500	Applied Electric Science for Powerline I	2
UTIL-1600	Applied Math for Powerline I	1
	Total Semester Credits	**12**

2nd Semester (fall)

UTIL-1015	Staking/Mapping I	1
UTIL-1025	Rigging I	1
UTIL-1030	Power Use I	1
UTIL-1040	Street Lighting I	1
UTIL-1150	Safety I	1
UTIL-1415	Overhead Power Line Construction I	3
UTIL-1425	Electrical Equipment Structure & Design I	3
UTIL-1435	Electrical Equipment Structure & Design Lab	3
UTIL-1550	Applied Electric Science for Powerline II	3
UTIL-1650	Applied Math for Powerline II	1
	Total Semester Credits	**18**

3rd Semester (spring)

UTIL-2010	Staking/Mapping II	1
UTIL-2020	Safety II	1
UTIL-2030	Power Use II	1
UTIL-2040	Street Lighting II	1
UTIL-2350	Transformer Connections	4
UTIL-2415	Overhead Power Line Construction II	3
UTIL-2425	Electrical Equipment Structure & Design II	4
UTIL-2500	Powerline Internship	3
UTIL-2550	Applied Electric Science for Powerline III	3
	Total Semester Credits	**21**
	TOTAL CERTIFICATE CREDITS	**51**

Notes

- The credit hour requirement for a certificate in Powerline Construction & Maintenance Technology exceeds the College's definition for a certificate due to industry requirements.

- The following are required for acceptance into the Powerline Construction & Maintenance Technology program: a physical exam; health insurance; valid driver's license; and purchase of climbing tools and equipment. For specific information regarding these items, prospective students should contact the Admissions Office.

- The Merchant Training Program requires an average of 70% on all unit tests in order to take the final for that book/semester. Students who do not have a 70% average on these tests will not be allowed to take the Merchant Training Program final for that book/semester.

- In order to progress to the next book/semester in the Merchant Training Program, students must pass the final for the current book/semester and maintain a 2.5 cumulative GPA in UTIL program specific courses. WNCC requires a 2.0 cumulative GPA overall for graduation.

- An internship is required of all students pursuing a degree, diploma, or certificate in Powerline Construction & Maintenance Technology.