



Program of Study
Career Field: Industrial, Manufacturing, and Engineering Systems
Career Cluster: Architecture and Construction
Career Pathway: Construction



Western Nebraska Community College

DEGREE:
 Powerline Construction and Maintenance Technology
<http://www.net/programs/majors/GENS.html>

	GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	GENERAL ELECTIVES	PATHWAY ELECTIVE COURSES	EXTENDED LEARNING SCHOOL/COMMUNITY ACTIVITIES			
HIGH SCHOOL	9	English/Language Arts I	Algebra I	Physical Science	Geography	World Languages and Cultures Physical Education Health Education Information Technology Applications I Entrepreneurship CAD (Computer Aided Drafting) Principles of Design and Pre-Construction Principles of Construction Housing and Home Furnishings	Intro to the Built Environment The Language of Architecture and Construction Principles of Maintenance and Operations	<i>School Activities:</i> SkillsUSA, OPPD/NPPD Power Drive, FFA, Math Club, MATHCOUNTS <i>Community Activities:</i> Connect with architects in your area, Do home repair projects, Learn about history of buildings, Work with a contractor, Part-time employment available within this career cluster			
	10	English/Language Arts II	Geometry	Biology	World History						
	11	English/Language Arts III	Algebra II	Chemistry	American History						
	12	English/Language Arts IV	Intro to Statistics Discrete Math Pre-Calc	Physics	American Government or Economics						
WNCC		COMMUNICATIONS	MATH	SCIENCE	SOCIAL SCI/HUMANITIES	DEGREE REQUIREMENTS	MAJOR COURSES				
	13	Public Speaking	Electrical Math 1		Any ANTH, ECON, GEOG, HIST, POLS, PSYC or SOCI course	Computer Apps course	Career Capstone	Business Ethics	Commercial Drivers License	First Aid	CPR
			Business Mathematics								
	14	Business Communications			Personal Finance		Introduction to Powerline Basics Safety and Climbing	Electrical Theory/Concepts for the Powerline Industry	Electric Utility Operations	Underground Powerline Construction &	Overhead Powerline Construction