



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



Western Nebraska Community College

DEGREE:
Welding Technology C2

<http://www.wncc.net/programs/majors/WELD.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 Entrepreneurship Information Technology App. I Automotive Mechanics Cabinet Making Programming I Electronics Welding | Into to... Manufacturing/Mechatronics Manufacturing- Woods Manufacturing- Metals | <i>School Activities:</i> SkillsUSA, OPPD/NPPD Power Drive, FFA, Math Club, MATHCOUNTS <i>Community Activities:</i> Job shadow professionals, Learn to repair machinery, Tour a factory, Part-time employment available within this 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 and 14 | Developmental Writing | Introduction to Algebra | | | First Aid | Basic Gas Metal Arc Welding | Flux Cored Arc Welding | Basic Arc Welding | Oxy-acetylene Welding | Gas Tungsten Arc Welding |
| | | | | | | CPR | Advanced Arc Welding | Advanced Gas Metal Arc Welding of Pipe | Advanced Gas Metal Arc Welding of Pipe | | |
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