



GALENA HIGH SCHOOL
Career Plan of Study
METALWORKING

Learner Name _____

Date _____

Parent/Guardian Signature (if required) _____

Counselor Signature _____

This plan of study should serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended and should be individualized to meet each learner's educational and career goals, high school graduation requirements, and college entrance requirements.

CTE course sequences fulfill the requirement for a CTE endorsement on the high school diploma. For more information go to www.washoe.k12.nv.us/cte

HIGH-SKILL, HIGH-WAGE CAREERS IN METALWORKING

Statistics Source: Nevada Career Information System-2009

Entrepreneur unlimited
 Mechanical Engineer \$96,420
 Industrial Engineer \$76,700

Sheet Metal Worker \$81,780
 CNC Machine Operator \$41,510
 Machinist \$47,170

Structural Metal Worker \$63,880
 Millwright \$75,480
 Welder & Solderer \$47,250
 Metal Processing Worker \$40,520

High School	9 th Grade	CR	10 th Grade	CR	11 th Grade	CR	12 th Grade	CR
	1. English 1-2	1	1. English 3-4	1	1. English 5-6	1	1. English 7-8	1
	2. Health or Hum Gr Dev/Computers	1	2. Social Studies (World Hist/Geog)	1	2. Social Studies (US History)	1	2. Social Studies (Government)	1
	3. Math	1	3. Math	1	3. Math	1	3. Math	1
	4. Science	1	4. Science	1	4. Science	1		
	5. Physical Education	1	5. Physical Education	1				
	Introductory CTE Electives*		Introductory CTE Electives*		Skill Specific CTE Electives*		Job Specific CTE Electives*	
6. Intro to Metalworking	.5	6. Metalworking 1-2 Intro to Metalworking	1 .5	5. Metalworking 3-4 (Advanced) Metalworking 1-2	1 1	5. Metalworking 5-6 (Advanced) Metalworking 3-4 (Advanced)	1 1	
*These courses fulfill the CTE/Arts/Humanities graduation requirement Go to www.washoe.k12.nv.us/cte for up-dated course offering information								

Tech-Prep	TECH-PREP BUSINESS EDUCATION ARTICULATION AGREEMENTS	
	Students completing WCSD courses may earn the following TMCC credits:	
Metalworking 1-2 (9341/9342)	-- WELD 101--3 credits	

Career Enhancement	HIGH SCHOOL WORK-BASED LEARNING OPTIONS	STUDENT ORGANIZATION	INDUSTRY CERTIFICATIONS
	Learn and Earn Program: <i>Job Shadowing</i> <i>Mentoring</i> <i>Internships</i> <i>Field Trips</i> <i>Guest Speakers</i> For more information, go to www.washoe.k12.nv.us/cte	SkillsUSA Competitions: <div style="text-align: center;">Welding Sheet Metal</div>	A.W.S. Welding Certifications in: <div style="text-align: center;">SMAW/FCAW/GMAW/GTAW</div> A.W.S. Entry Level I Welder Certification

For more information, please contact the WCSD Career & Technical Education Office
 850-8005 or go to www.washoe.k12.nv.us/cte

Printing Funding provided by the Carl D. Perkins Vocational and Applied Technology Education Basic Grant

All classes and programs are open to students regardless of sex, race, color, national origin or handicap. Every effort will be made to assist students with special needs so that they may succeed in Career and Technical Education.
 SCHELLIN CONSULTING, INC. August 21, 2009

POST HIGH SCHOOL OPTIONS

APPRENTICESHIP

Through the Tech-Prep Program, students in the Metals II and Welding Technology courses in WCSD may earn some of the credits required by the following Apprenticeship Programs:

*Iron Workers
 Plumbers and Pipefitters
 Sheet Metal Craftspersons*

For more information on these apprenticeship programs go to www.buildingtradejobs.org

NEVADA SYSTEM OF HIGHER EDUCATION COMMUNITY COLLEGES

Through the Tech-Prep Program, students in the Metals II and Welding Technology courses in WCSD may earn some of the college credits required for the following programs:

TMCC

Associate of Applied Science in:
**Engineering-Drafting
 Industrial Maintenance Technology
 Welding Technology
 Building Systems Maintenance
 Pre-Engineering**

Certificate of Achievement in:
**Industrial Maintenance Technology
 Welding Technology**
 For more information on these TMCC programs go to www.tmcc.edu

TRADE & TECHNICAL SCHOOLS

UTI
 WYO-TECH
 MMI

For more information on these programs go to:
www.uticorp.com
www.wvotech.com
www.mmitech.edu

UNIVERSITY

The knowledge and skills learned in high school Metalworking courses could be beneficial to students considering the following college career path:

UNR

**Civil Engineering
 Mechanical Engineering**

For more information go to www.unr.edu

MILITARY

SHORT-TERM TRAINING OPTION

On-The-Job Training