



Manufacturing

## Business & Industry Endorsement

### Welding

Grade	Language Arts	Math	Science	Social Studies	Required CTE Courses	Potential Certification
9 <sup>th</sup>	English 1	Algebra 1	Biology or Environmental Systems	World Geography or World History	Introduction to Welding	
10 <sup>th</sup>	English 2	Geometry	Biology or Approved 2nd Year Science	U. S. History	Welding I	
11 <sup>th</sup>	English 3	Approved 3rd Year Math	Approved 3rd Year Science	Government Economics	Welding II	
12 <sup>th</sup>	English 4 or Approved 4th Year English	Approved 4th Year Math	Approved 4th Year Science			

**Career & Technical Student Organizations:**  
TSA—Technology Student Association

**Dual Credit Offerings:**

English 3  
English 4  
U. S. Government

\*Additional dual credit courses offered at individual campuses.

**Required Electives:**

Fine Arts  
Health  
Speech  
Foreign Language  
Physical Education

**Additional Recommended Electives:**

Business Information Management II (Two Credits)  
Principles of Business, Marketing & Finance (One Credit)

Sample Careers	High School	On the Job Training	Certificate	Associate's Degree	Bachelor's Degree	Advanced College Degree	Average Annual Salary	Source:
Welders, Cutters, Solderers, Brazers	x	x	x				\$ 39,390	For further information on any of the careers click the career link or go to <a href="http://www.bls.org">www.bls.org</a>
Metal and Plastic Machine Workers	x	x	x				\$ 34,840	
Sheet Metal Workers	x	x	x				\$ 46,940	
Boilermakers	x	x	x				\$ 62,060	
Plumbers, Pipefitters, and Steamfitters	x	x	x				\$ 51,450	

Equal access to Career and Technical programs and activities is assured students in the Mesquite Independent School District without regard to race, color, national origin, gender, or disability.

