



Architecture &  
Construction

**Business & Industry Endorsement**  
**Architectural Design**

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	Principles of Architecture	
10 <sup>th</sup>	English 2	Geometry	Biology or Approved 2nd Year Science	U. S. History	Architectural Design I	
11 <sup>th</sup>	English 3	Approved 3rd Year Math	Approved 3rd Year Science	<u>Government</u> Economics	Architectural Design 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:**  
Principles of Business, Marketing & Finance (One Credit)  
Digital Media (One Credit)

Sample Careers	High School	On the Job Training	Certificate	Associate's Degree	Bachelor's Degree	Advanced College Degree	Average Annual Salary	Source:
Construction Manager				x	x		\$ 72,931	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>
Mechanical Drafter		x	x		x		\$ 50,390	
Industrial Designer					x		\$ 58,230	
Cost Estimator		x	x				\$ 58,653	
Construction & Building Inspector		x					\$ 46,473	

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.





Architecture &  
Construction

**Business & Industry Endorsement**  
**Construction Technology**

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	Principles of Construction	
10 <sup>th</sup>	English 2	Geometry	Biology or Approved 2nd Year Science	U. S. History	Construction Technology I	
11 <sup>th</sup>	English 3	Approved 3rd Year Math	Approved 3rd Year Science	<u>Government</u> Economics	Mill & Cabinetmaking Technology	
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:**  
Principles of Business, Marketing & Finance (One Credit)  
Digital Media (One Credit)

Sample Careers	High School	On the Job Training	Certificate	Associate's Degree	Bachelor's Degree	Advanced College Degree	Average Annual Salary	Source:
Construction Manager				x	x		\$ 72,931	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>
Mechanical Drafter		x	x		x		\$ 50,390	
Industrial Designer					x		\$ 58,230	
Cost Estimator		x	x				\$ 58,653	
Construction & Building Inspector		x					\$ 46,473	

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.





Architecture & **Business & Industry Endorsement**  
 Construction **Interior Design**

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	Principles of Architecture	
10 <sup>th</sup>	English 2	Geometry	Biology or Approved 2nd Year Science	U. S. History	Interior Design I	
11 <sup>th</sup>	English 3	Approved 3rd Year Math	Approved 3rd Year Science	<u>Government</u> Economics	Interior Design II	
12 <sup>th</sup>	English 4 or Approved 4th Year English	Approved 4th Year Math	Approved 4th Year Science		Practicum in Interior Design	

**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:**  
 Principles of Business, Marketing & Finance (One Credit)  
 Digital Media (One Credit)

Sample Careers	High School	On the Job Training	Certificate	Associate's Degree	Bachelor's Degree	Advanced College Degree	Average Annual Salary	Source:
Interior Designer	x	x		x	x		\$ 49,810	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>
Graphic Designer	x			x	x		\$ 47,640	
Floral Designer	x	x					\$ 25,850	
Craft & Fine Artists		x					\$ 48,780	
Meeting, Convention & Event Planners					x		\$ 47,350	

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.

