



Business & Industry Endorsement Architecture & Construction

Architectural Design

The Architectural Design program of study explores the occupations and educational opportunities associated with developing, engineering, and designing building structures and facilities. This program of study may also include exploration into collecting and interpreting graphic information, researching and preparing maps, and interior design.

Levels	Courses	Supporting Courses
Level 1	Principles of Architecture 1819CT / 9-12	
Level 2	Architectural Design I 1660CT / 10-12 <i>Prerequisite: Principles of Architecture AND English I AND Algebra I</i>	Interior Design 1512A/B / 10-12 <i>Prerequisite: Algebra I AND English I</i>
Level 3	Architectural Design II 1665CA/CB / 11-12 <i>Prerequisite: Architectural Design I AND Geometry</i> <i>Autodesk Certified User in AutoCAD Certification Possible</i>	
Level 4	Practicum in Architectural Design 1668CA/CB / 12 <i>Prerequisite: Architectural Design II</i>	

1 Semester Home Campus	2 Semester Home Campus	1 Semester Ben Barber	2 Semester Ben Barber	College Course Weighted Credit
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Occupation	Median Wage	Annual Openings	% Growth
Architects	\$77,043	808	16%
Geographic Information Analysts & Surveyors	\$58,926	162	27%
Architectural/Civil Drafters	\$50,170	1,068	9%
Civil Engineering	\$89,960	2,394	12%
Construction Managers	\$87,402	2,401	14%

Industry Based Certifications

Autodesk Certified User in AutoCAD Certification Architectural Design II

An Autodesk AutoCAD Certified User will demonstrate competency in computer-aided design (CAD). The exam covers the basic use of the AutoCAD software as well as basic drafting and design techniques.

The district will pay 100% of the cost of the certification test if students can show mastery by passing a certification practice test AND maintain an 80+ overall course grade at the time of the certification test. If students don't meet the requirements above, they must pay 100% of the cost of the certification test.

To earn an endorsement, an MISD student must complete a coherent sequence for 4 or more credits that consist of 2 courses in the same program of study including at least 1 advanced CTE course