



Architecture and Construction Career Cluster














Statewide Program of Study: HVAC and Sheet Metal

Course Information


Level 1

| Course | Prerequisites Corequisites | Career Clusters |
|---|--|---|
| Principles of Architecture* 13004210 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None |   |
| Principles of Construction* 13004220 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None |  |

Level 2

| Course | Prerequisites Corequisites | Career Clusters |
|--|--|--|
| Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology I 13005800 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Architecture, Principles of Construction, or Construction Technology I Recommended Corequisites: None |   |
| Building Maintenance Technology I* 13005400 (2 credits) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Architecture or Principles of Construction Recommended Corequisites: None |  |
| Entrepreneurship I* 13011101 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Principles of Business, Marketing and Finance Recommended Corequisites: None |           |

Level 3

| Course | Prerequisites Corequisites | Career Clusters |
|--|--|---|
| Sheet Metal Technology N1300430 (1 credit) | Prerequisites: None Corequisites: None Recommended Prerequisites: Algebra I, Geometry, Introduction to Manufacturing, Principles of Construction, or Construction Technology I Recommended Corequisites: None |  |

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* Indicates course is included in more than one program of study in this career cluster.

For additional information on the **Architecture and Construction** career cluster, contact cte@tea.texas.gov or visit <https://tea.texas.gov/cte>



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Level 3

| Course | Prerequisites Corequisites | Career Clusters |
|--|--|-----------------|
| Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology II 13005900 (2 credits) | Prerequisites: Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology I Corequisites: None Recommended Prerequisites: Principles of Architecture or Principles of Construction Recommended Corequisites: None | |

Level 4

| Course | Prerequisites Corequisites | Career Clusters |
|---|--|-----------------|
| Practicum in Construction Technology* First Time Taken: 13005250 (2 credits) Second Time Taken: 13005260 (2 credits) | Prerequisites: Construction Technology II; Building Maintenance Technology II; Electrical Technology II; Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology II; Plumbing Technology I; or Mill and Cabinetmaking Technology Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Practicum in Construction Technology + Extended Practicum in Construction Technology* First Time Taken: 13005255 (3 credits) Second Time Taken: 13005265 (3 credits) | Prerequisites: Construction Technology II; Building Maintenance Technology II; Electrical Technology II; Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology II; Plumbing Technology I; or Mill and Cabinetmaking Technology Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Practicum in Entrepreneurship* First Time Taken: 13011111 (2 credits) | Prerequisites: None Corequisites: None Recommended Prerequisites: Entrepreneurship I and Entrepreneurship II, or successful completion of at least two courses in a CTE program of study Recommended Corequisites: None | |
| Practicum in Entrepreneurship + Extended Practicum in Entrepreneurship* First Time Taken: 13011121 (3 credits) | Prerequisites: None Corequisites: None Recommended Prerequisites: Entrepreneurship I and Entrepreneurship II, or successful completion of at least two courses in a CTE program of study Recommended Corequisites: None | |

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Level 4

| Course | Prerequisites Corequisites | Career Clusters |
|---|---|-----------------|
| Career Preparation for Programs of Study* First Time Taken: 12701121 (2 credits) | Prerequisites: At least one Level 2 or higher CTE course Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |
| Career Preparation for Programs of Study + Extended Career Preparation* First Time Taken: 12701141 (3 credits) | Prerequisites: At least one Level 2 or higher CTE course Corequisites: None Recommended Prerequisites: None Recommended Corequisites: None | |

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