

# ARCHITECTURAL TECHNOLOGY

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The Architectural Technology program provides instruction in the concepts and skills required for careers in architectural and related professions involved in designing for the built environment. At the core of the curriculum are a series of architectural studios where students prepare construction documents. The series begins with a study of residential construction and culminates with commercial. Emphasis is placed on quality graphic communication, the development of design skills and a thorough understanding of a variety of construction types. Complementing the studio sequence are courses designed to provide instruction in building materials, structures, mechanical/electrical systems, professional practices, and architectural theory and history. Electives in the program allow students to customize their education to fit their interests. Given the wide range of topics covered in the curriculum, graduates are prepared to find employment in architectural and related professional offices including positions in construction estimating, civil engineering, structural engineering, mechanical/electrical engineering, construction management, computer-aided drafting, building code enforcement, specification writing, urban planning, historic preservation, contracting, sub-contracting, and building material sales and marketing.

In addition to the AAS degree, a diploma and certificate in a specialized area are offered:

The Residential Design diploma and the Residential Designer certificate provide the concepts and skills needed to create and produce residential design projects and can be obtained in a shorter time frame than the AAS degree.

## Degrees

- Architectural Technology - AAS (<https://catalog.kctcs.edu/programs-of-study/aas/architectural-technology/architectural-technology-aas/>)

## Diplomas

- Residential Design - Diploma (<https://catalog.kctcs.edu/programs-of-study/aas/architectural-technology/residential-design-diploma/>)

## Certificates

- Residential Designer - Certificate (<https://catalog.kctcs.edu/programs-of-study/aas/architectural-technology/residential-designer-certificate/>)