

# PROGRAMS

## ARCHITECTURAL TECHNOLOGY (C40100)

**Architectural and Construction Pathway:** These programs are designed to prepare individuals to apply technical knowledge and skills to the fields of architecture, construction, construction management, and other associated professions.

Course work includes instruction in sustainable building and design, print reading, building codes, estimating, construction materials and methods, and other topics related to design and construction occupations.

Graduates of this pathway should qualify for entry-level jobs in architectural, engineering, construction and trades professions as well as positions in industry and government.

**Architectural Technology:** A program that prepares individuals to assist architects, engineers, and construction professionals in developing plans and related documentation for residential and commercial projects in both the private and public sectors. Includes instruction in architectural drafting, computer-assisted drafting, construction materials and methods, environmental systems, codes and standards, structural principles, cost estimation, planning, graphics, and presentation.

### Certificate Program

		Course Hours Per Week		Semester Hours
First Semester (Fall)		Class	Lab	Credit
ARC-111	Intro to Arch Technology	1	6	3
ARC-112	Constr Matls & Methods	3	2	4
BPR-130	Print Reading-Construction	3	0	3
SST-140	Green Bldg & Design Concepts	3	0	3
<b>Credit Hours</b>		<b>10</b>	<b>8</b>	<b>13</b>
Second Semester (Spring)				
ARC-114	Architectural CAD	1	3	2
CST-241	Planning/Estimating I	2	2	3
<b>Credit Hours</b>		<b>3</b>	<b>5</b>	<b>5</b>
Total Required Minimum Semester Hours Credit				18

[View Catalog Archives](#)

**Professor Ed Spitler, Architectural Technology Coordinator**

163 Little Hall

(910) 695-3797

[spitlere@sandhills.edu](mailto:spitlere@sandhills.edu)