

# SAMPSON COMMUNITY COLLEGE

## BUILDING CONSTRUCTION TECHNOLOGY

### OCCUPATIONAL PROGRAMS

The Building Construction Technology curriculum is 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.

This program prepares individuals to apply technical knowledge and skills to residential and commercial building construction and remodeling. Includes instruction in construction equipment and safety; site preparation and layout; construction estimating; print reading; building codes; framing; masonry; heating, ventilation, and air conditioning; electrical and mechanical systems; interior and exterior finishing; and plumbing.



#### CARLA GARCIA COLIN

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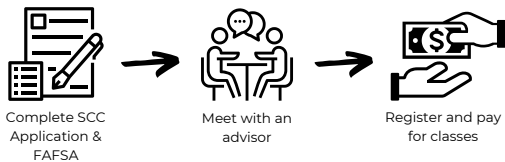
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SAMPSON COMMUNITY COLLEGE EST. 1997		Program Checklist					
<b>Program Title: Building Construction Technology</b>							
<b>Effective Date: Fall 2024</b>							
<b>Student Name:</b>				<b>Student ID:</b>			
<b>CoDE Transition Courses:</b>		<b>Grade</b>					
ENG-002	Transition English						
MAT-003	Transition Math						
Course Prefix	Course Title		Credit Hours	Degree (A35140)	Diploma (D35140)	Grade	
<b>Fall Semester I</b>							
BPR-130	Print Reading - Construction		3	X			
ARC-112	Materials & Methods		4	X			
CST-111	Construction I (Fall I)		4	X	X		
CST-112	Construction II (Fall II)		4	X	X		
ACA-122	College Transfer Success		1	X	X		
<b>Total Credit Hours</b>				16	9		
<b>Spring Semester I</b>							
CST-241	Planning/Estimating I		3	X			
Program Elective			3	X	X		
Program Elective			4	X			
Diploma Elective: Choose one: ARC-112, BPR-130, CMT-120, CST-241			3-4		X		
MAT-110 <b>or</b> MAT-171	Math Meas. & Literacy <b>or</b> Precalculus Algebra		3-4	X	X		
<b>Total Credit Hours</b>				13-14	9-10		
<b>Summer Semester I</b>							
CMT-120	Codes and Inspection		3	X			
CMT-210	Const Mgmt. Fundamentals		3	X			
Program Elective			3	X	X		
<b>Total Credit Hours</b>				9	3		
<b>Fall Semester II</b>							
Program Elective			4	X			
Program Elective			3	X	X		
Humanities/Fine Arts: Choose one: ART-111, ART-114, ART-115, DRA-111, DRA-115, ENG-231, ENG-232, ENG-241, ENG-242, HUM-115, MUS-110, MUS-112, PHI-240, REL-110, REL-211, REL-212, REL-221			3	X			
Communications: Choose one: COM-110, COM-120, COM-231, ENG-110, ENG-111, ENG-112, ENG-114			3	X	X		
<b>Total Credit Hours</b>				13	6		
<b>Spring Semester II</b>							
CST-221	Statics and Structures		4	X			
Diploma Program Elective			3		X		
Diploma Program Elective			3		X		
Program Elective			4	X	X		
Social/Behavioral Sciences: Choose One: ECO-251, ECO-252, HIS-111, HIS-112, HIS-121, HIS-131, HIS-132, POL-120, PSY-150, SOC-210, SOC-220, SOC-225			3	X			
Communications: Choose one: COM-110, COM-120, COM-231, ENG-110, ENG-111, ENG-112, ENG-114			3	X			
<b>Total Credit Hours</b>				14	10		
<b>Dates Awarded:</b>							
<b>Total Credits:</b>				<b>65-66</b>	<b>37-39</b>		

Program Electives: ACC, AHR, ARC ART, BPR, BUS, CIS, CMT, CST, DFT, ECO, ELC, HYD, ISC, MAT, PLU, SPA-111, SST, WBL, WLD (Max. 9 credits per prefix)

Course Prefix	Course Title	Credit Hours	Gen. Contractor Lic. Certificate (C35140GC)	Bldg. Const. Cert. (C35140) (C35140HS)	Drafting Certificate (C35140DR)	Grade
BPR-130	Print Reading - Construction	3	X		X	
CST-111	Construction I (Fall I)	4		X		
CST-112	Construction II (Fall II)	4		X		
CST-241	Planning/Estimating I	3	X			
CMT-112	Construction Mgt I	6		X		
Elective: Choose one: ARC-112, ARC-225, ARC-225A, DFT-115, DFT-117, DFT-119		3			X	
Elective: Choose one: ARC-112, ARC-225, ARC-225A, DFT-115, DFT-117, DFT-119		3			X	
Elective: Choose prefix: BUS, CST, CMT, WBL		2	X			
Elective: Choose prefix: BUS, CST, CMT		3	X			
CMT-120	Codes and Inspection	3	X		X	
<b>Total Credit Hours</b>			<b>14</b>	<b>14</b>	<b>12</b>	
<b>Dates Awarded:</b>						



Admissions: 910.900.4319 | [admissions@sampsoncc.edu](mailto:admissions@sampsoncc.edu)  
 Financial Aid: 910.900.4320 | [finaid@sampsoncc.edu](mailto:finaid@sampsoncc.edu)  
 Learning Resource Center: 910.900.4309

Sampson Community College | 1801 Sunset Ave, Clinton, NC 28328 | 910.592.8081 | [www.sampsoncc.edu](http://www.sampsoncc.edu)

Sampson Community College is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award the associate degree. Sampson Community College also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of Sampson Community College may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website ([www.sacscoc.org](http://www.sacscoc.org)).

The Board of Trustees and the Administration of Sampson Community College (SCC) are fully committed to the principles and practice of equal employment and educational opportunities. Accordingly, SCC does not practice or condone discrimination in any form, against students, employees, or applicants on the grounds of race, color, national origin, religion, sex, age, disability, or political affiliation. SCC commits itself to positive action to secure equal opportunity regardless of those characteristics.