

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

Department Chair,
Construction Trades

910-900-5010

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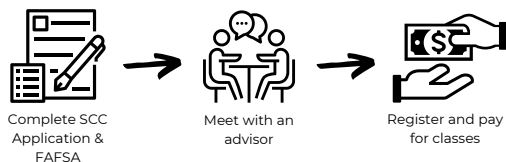
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Program Checklist					
Program Title: Building Construction Technology					
Effective Date: Fall 2024					
Student Name:			Student ID:		
CoDE Transition Courses:		Grade			
ENG-002	Transition English				
MAT-003	Transition Math				
Course Prefix	Course Title	Credit Hours	Degree (A35140)	Diploma (D35140)	Grade
Fall Semester I					
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	
Total Credit Hours			16	9	
Spring Semester I					
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 or MAT-171	Math Meas. & Literacy or Precalculus Algebra	3-4	X	X	
Total Credit Hours			13-14	9-10	
Summer Semester I					
CMT-120	Codes and Inspection	3	X		
CMT-210	Const Mgmt. Fundamentals	3	X		
Program Elective		3	X	X	
Total Credit Hours			9	3	
Fall Semester II					
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	
Total Credit Hours			13	6	
Spring Semester II					
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		
Total Credit Hours			14	10	
Dates Awarded:					
Total Credits:			65-66	37-39	

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. (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	
Total Credit Hours			14	14	12	
Dates Awarded:						



Admissions: 910.900.4319 | admissions@sampsoncc.edu

Financial Aid: 910.900.4320 | finaid@sampsoncc.edu

Learning Resource Center: 910.900.4309

Sampson Community College | 1801 Sunset Ave, Clinton, NC 28328 | 910.592.8081 | 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).

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.