

SAMPSON COMMUNITY COLLEGE

WELDING TECHNOLOGY

OCCUPATIONAL PROGRAMS

The Welding Technology curriculum provides students with a sound understanding of the science, technology, and applications essential for successful employment in the welding and metalworking industry.

Instruction includes consumable and non-consumable electrode welding and cutting processes. Courses may include math, print reading, metallurgy, welding inspection, and destructive and non-destructive testing providing the student with industry-standard skills developed through classroom training and practical application.

Graduates of the Welding Technology curriculum may be employed as entry-level technicians in welding and metalworking industries. Career opportunities also exist in construction, manufacturing, fabrication, sales, quality control, supervision, and welding-related self-employment.



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BEGIN HERE
go anywhere

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Program Checklist

Program Title: Welding 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 (A50420)	Diploma (D50420)	Shielded Metal Arc Certificate (C50420SK)	Symbols & Spec. Certificate (C50420SS)	MIG Certificate (C50420MG)	TIG Certificate (C50420TG)	HS Certificate (C50420HS)	Grade
Fall Semester I										
ACA-122	College Transfer Success	1	X	X						
WLD-110	Cutting Processes	2	X	X	X	X	X	X	X	
WLD-115	SMAW (Stick) Plate	5	X	X	X	X	X	X	X	
WLD-121	GMAW (MIG) FCAW/Plate	4	X	X			X		X	
Communications: Choose One: COM-110, COM-120, COM-231, ENG-110, ENG-111, ENG-112, ENG-114		3	X	X						
Total Credit Hours			15	15	7	7	11	7	11	
Spring Semester I										
WLD-116	SMAW (Stick) Plate/Pipe	4	X	*X	X					
WLD-122	GMAW (MIG) Plate/Pipe	3	X	*X			X			
WLD-131	GTAW (TIG) Plate	4	X	X				X	X	
WLD-141	Symbols and Specs	3	X	X		X				
Natural Sciences/Math: Choose One: BIO-111, BIO-140, BIO-168, CHM-151, MAT-110, MAT-143, MAT-152, MAT-171		3-4	X	X						
Total Credit Hours			17-18	17-18	4	3	3	4	4	
Summer Semester I										
Program Elective		3	X							
Total Credit Hours			3	0	0	0	0	0	0	
Fall Semester II										
WLD-132	GTAW (TIG) Plate/Pipe	3	X					X		
WLD-151	Fabrication 1	4	X	*X						
WLD-215	SMAW (Stick) Pipe	4	X		X					
ISC-112	Industrial Safety	2	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							
Total Credit Hours			16	4	4	2	0	3	0	
Spring Semester II										
WLD-231	GTAW (TIG) Pipe	3	X							
WLD-261	Certification Practices	2	X							
WLD-251	Fabrication 2	3	X							
Communications: Choose one: COM-110, COM-120, COM-231, ENG-110, ENG-111, ENG-112, ENG-114		3	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							
Total Credit Hours			14	0	0	0	0	0	0	
Dates Awarded:										
Total Credits:			65-66	36-37	15	12	14	14	15	

Program Electives: BPR, BUS, CIS, DFT, ELC, MEC, SPA, WBL, WLD (Maximum of 9 credits per prefix).

* Recommended Diploma Electives



Complete SCC Application & FAFSA



Meet with an advisor



Register and pay for classes

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.