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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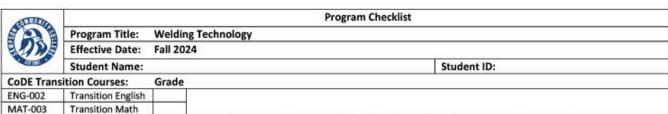








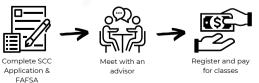




Course Prefix	Course Title	Credit Hours	Degree (A50420)	Diploma (D50420)	Shielded Metal Arc Certificate (C50420SK)	Symbols & Spec. Certificate (C50420SS)	MIG Certificate (C50420MG)	TIG Certificate (C504020TG)	HS Certificate (C50420HS)	Grade
Fall Semes	ter I							i i		
ACA-122	College Transfer Success	1	Х	Х						
WLD-110	Cutting Processes	2	Х	Х	Х	Х	Х	х	Х	
WLD-115	SMAW (Stick) Plate	5	Х	Х	х	Х	х	х	Х	
WLD-121	GMAW (MIG) FCAW/Plate	4	Х	Х			х	i i	Х	
	tions: Choose One: COM-110, COM-231, ENG-110, ENG-111, NG-114	3	х	х						
	Total Credit Hours		15	15	7	7	11	7	11	
Spring Semo	ester I									
WLD-116	SMAW (Stick) Plate/Pipe	4	Х	*X	Х			J. J.		
WLD-122	GMAW (MIG) Plate/Pipe	3	Х	*X			Х			
WLD-131	GTAW (TIG) Plate	4	Х	Х			1	Х	Х	
WLD-141	Symbols and Specs	3	Х	Х		х				
Natural Sciences/Math: Choose One: BIO- 111, BIO-140, BIO-168, CHM-151, MAT- 110, MAT-143, MAT-152, MAT-171		3-4	х	х						
Total Credit Hours			17-18	17-18	4	3	3	4	4	
Summer Se	mester I	U.								
Program Elective		3	Х				,	I I		
Total Credit Hours			3	0	0	0	0	0	0	
Fall Semest	er II									
WLD-132	GTAW (TIG) Plate/Pipe	3	Х					Х		
WLD-151	Fabrication 1	4	Х	*x						
WLD-215	SMAW (Stick) Pipe	4	Х		Х			4		
ISC-112	Industrial Safety	2	Х			Х				
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	×							
	Total Credit Hours		16	4	4	2	0	3	0	
Spring Seme	ester II									
WLD-231	GTAW (TIG) Pipe	3	Х					ijii		
WLD-261	Certification Practices	2	Х	1						
WLD-251	Fabrication 2	3	Х							
Communications: Choose one: COM-110, COM-120, COM-231, ENG-110, ENG-111, ENG-112, ENG-114		3	х							
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	х							
Total Credit Hours			14	0	0	0	0	0	0	
Dates Awarded:		1								
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



Admissions: 910.900.4319 I admissions@sampsoncc.edu Financial Aid: 910.900.4320 I finaid@sampsoncc.edu Learning Resource Center: 910.900.4309

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