

**Central Carolina Community College  
Program Planning Guide**

**Industrial Systems Technology  
Credential: Certificate in Welding  
C5024040**

The Welding certificate will provide students with knowledge of various types of welding processes and applications. Students will learn principles of welding, flame cutting, brazing, ARC, MIG, TIG and safety procedures. Upon completion, students will have the flexibility of pursuing a diploma or an Associate in Applied Science Degree in Industrial Systems Technology.

Program Length: 2 semesters

Career Pathway Options: Associate in Applied Science in Industrial Systems Technology (Higher entrance standards required);

Diploma in Industrial Systems Technology (Higher entrance standards required); Certificate in Welding

Program Sites: Lee Campus - Evening Program

<b>Suggested Course Schedule:</b>	<b>HOURS</b>			<b>Credit</b>	<b>Grade</b>	<b>Semester</b>	<b>Notes</b>
	<b>Class</b>	<b>Lab</b>					
<b>1st Semester (Fall)</b>							
BPR 111	Blueprint Reading	1	2	2			
WLD 112	Basic Welding Processes	1	3	2			
ISC 110	Workplace Safety	1	0	1			
<b>OR</b> ISC 112	Industrial Safety	2	0	2			
		¼	5	5/6			
<b>2nd Semester (Spring)</b>							
WLD 115	SMAW (Stick) Plate	2	9	5			
WLD 212	Inert Gas Welding	1	3	2			
		3	12	7			

Total Semester Hours Credit: 12/13