

# CAREER TECHNICAL EDUCATION (CTE) PATHWAY

## CTE “CLUSTER” COURSES

**BCC “Cluster” courses** – “Cluster” courses are year-long courses that consists of several individual BCC technical courses combined to provide in-depth knowledge of a particular technical area. Students will be at their base school the first two periods each day and will spend the other part of the school day at Brunswick Community College’s Supply campus. Classes typically begin at 11:50 am and meet Mondays through Thursdays (and Fridays, when noted) and can be used as Career Technical Education (CTE) completer courses.

## WELDING “CLUSTER” COURSE INFORMATION

**1Z352X0/1Z382XA**     **BCC Welding “Cluster” Course**  
**1Z382XB/1Z402X0**  
**1Z412X0/1Z432X0**

Credit:                  Six High School CTE Regular Credits; Eighteen community college credits  
Prerequisites          None  
Corequisites:          None

WLD 110/WLD 131/WLD 115AB and WLD 121/WLD 141/WLD 115BB are currently Brunswick County School’s welding yearlong “cluster” course that equals six (6) high school credits over two semesters. When students complete this “cluster” course they will receive 18 community college credits and a BCC welding technology certificate. The welding “cluster” course meets Mondays through Fridays from 11:50 am until 3:20 pm and follows BCC’s calendar.

**Please Note: Beginning Fall 2017, welding students may be required to purchase their own welding “starter kit” which may cost approximately \$200. Students should be able to purchase the welding “starter kit” at Brunswick Community College’s bookstore. BCC is currently working out the best possible price. More specific details will be provided as soon as possible.**

Welding textbooks will be provided by Brunswick County Schools (BCS) for BCS high school students to check-out and return. Home and Private School students must provide their own textbooks.

For safety reasons, welding students are required to dress properly while in the welding lab area. Students must always wear durable long pants, durable long sleeve shirts and closed-toe shoes.

**Career Technical Education Pathway Certificate – Welding**

**High school students are only allowed to take the courses listed below within the Career Technical Education Pathway – Welding Certificate while in high school:**

<b>GENERAL EDUCATION COURSES</b> (certificate general education is optional)			
Course Prefix/Num	Course Title		SHC
_____	_____	_____	SHC
_____	_____	_____	SHC
_____	_____	_____	
<b>Total SHC for General Education Courses:</b>		<input style="width: 40px; height: 20px;" type="text"/>	<b>SHC</b>
<b>CORE COURSES</b>			
Course Prefix/Num	Course Title		SHC
*WLD 110	Cutting Processes	2	SHC
*WLD 115	SMAW (Stick) Plate	5	SHC
*WLD 121	GMAW (MIG) FCAW/Plate	4	SHC
*WLD 131	GTAW (TIG) Plate	4	SHC
*WLD 141	Symbols & Specifications	3	SHC
<b>Total SHC for Core Courses:</b>		<input style="width: 40px; height: 20px; border: 1px solid black;" type="text" value="18"/>	<b>SHC</b>
<i>*Included in Welding “Cluster” course.</i>			
<b>OTHER MAJOR COURSES</b>			
Course Prefix/Num	Course Title		SHC
_____	_____	_____	SHC
_____	_____	_____	SHC
_____	_____	_____	SHC
_____	_____	_____	SHC
_____	_____	_____	SHC
_____	_____	_____	SHC
<b>Total SHC for Other Major Courses:</b>		<input style="width: 40px; height: 20px;" type="text"/>	<b>SHC</b>
<b>OTHER REQUIRED COURSES</b>			
Course Prefix/Num	Course Title		SHC
_____	_____	_____	SHC
_____	_____	_____	SHC
<b>Total SHC for Other Required Courses:</b>		<input style="width: 40px; height: 20px;" type="text"/>	<b>SHC</b>
<b>Total SHC for Program</b>		<b>18</b>	